

AGREEMENT NO.
BETWEEN THE CITY OF LOS ANGELES
AND
AECOM TECHNICAL SERVICES, INC.

THIS AGREEMENT ("Agreement") is made and entered into by and between the CITY OF LOS ANGELES, a municipal corporation ("City") acting by and through its Board of Harbor Commissioners ("Board"), and AECOM TECHNICAL SERVICES, INC., a California corporation, whose address is 999 W. Town and Country Road, Orange, CA 92868 (Consultant").

WHEREAS, City requires professional, scientific, expert or technical services of a temporary and occasional character, including as-needed services to support the City's Capital Improvement Program ("CIP") and Maintenance Improvement Program ("MIP") in connection with the project described in Exhibit "A" hereto ("Project"); and

WHEREAS, Consultant is an organization that provides services, including, but not limited to, those services required by the City and, by virtue of training and experience, is well-qualified to provide such services to the City; and

WHEREAS, by reason of the nature and length of the services required by City, it is not economical or feasible for City to have such services performed by its own employees;

NOW, THEREFORE, in consideration of the covenants, terms and conditions hereinafter contained to be kept and performed by the respective parties hereto, it is mutually agreed as follows:

1. Incorporation of Recitals.

1.1 The recitals to this Agreement above are incorporated herein and made a part hereof.

2. Services To Be Performed By Consultant.

2.1 All of the services Consultant shall perform for City are set forth in Exhibit "B" hereto and hereinafter shall be referred to as "Scope of Work." Among other things, Exhibit "B" breaks down the Scope of Work into individual tasks and, in some cases, further breaks down such tasks into subtasks, which hereinafter shall be referred to generically as "Tasks" and "Subtasks." The aggregate of all Tasks and, as applicable, Subtasks, comprises the Scope of Work.

2.2 Consultant's performance of Tasks and, as applicable, Subtasks shall occur as follows:

a. The Chief Harbor Engineer of the Engineering Division of City's Harbor Department ("Engineer") shall issue a written document in the form

attached hereto as Exhibit "C" that has been signed by the Deputy Executive Director of Development for the City's Harbor Department and that specifies, without limitation: the Task or Subtask to be performed; the specific services required in connection with such Task or Subtask; the deliverables required in the performance of such Task or Subtask; the schedule for the performance of such Task or Subtask; authorized personnel who may perform the Task or Subtask; authorized compensation for such Task or Subtask; and MBE/WBE/SBE/VSBE/DVBE/OBE utilization ("Directive"). Directives shall specifically identify any services that fall within the meaning of "design professional services" as defined by Section 2782.8 of the California Civil Code to which the indemnity obligation set forth at Section 9.2 of this Agreement shall apply. A Directive's failure to identify such "design professional services" shall bar application of Section 9.2 to that Directive.

b. Consultant, to reflect its agreement with all the terms of such Directive, shall sign, date and return such Directive to Engineer.

c. Following Engineer's receipt of the Directive signed by Consultant, Engineer shall issue a written document in the form attached hereto as Exhibit "D" that has been signed by Engineer and that authorizes Consultant to commence performance of the services contemplated by such Directive ("Notice to Proceed").

2.3 Consultant acknowledges and agrees that it lacks authority to perform and that Engineer lacks authority to request the performance of any services outside the Scope of Work. Consultant further acknowledges and agrees that any services it performs outside the Scope of Work or a Directive, or in the absence of both a Directive and a Notice to Proceed, are performed as a volunteer and shall not be compensable under this Agreement.

2.4 The Scope of Work shall be performed by personnel qualified and competent in the sole reasonable discretion of Engineer, whether performance is undertaken by Consultant or third-parties with whom Consultant has contracted and whom are listed on Exhibit "J" on the effective date of this Agreement, or whom Engineer may subsequently approve in writing ("Subconsultants"). Obligations of this Agreement, whether undertaken by Consultant or Subconsultants, are and shall be the responsibility of Consultant. Consultant acknowledges and agrees that this Agreement creates no rights in Subconsultants with respect to City and that obligations that may be owed to Subconsultants, including, but not limited to, the obligation to pay Subconsultants for services performed, are those of Consultant alone. Upon Engineer's written request, Consultant shall supply City's Harbor Department with all agreements between it and its Subconsultants.

2.5 Consultant's performance of the Scope of Work shall adhere in all respects to the schedule set forth in a Directive.

2.6 Consultant, at its sole cost and expense, shall furnish all services, materials, equipment, subsistence, transportation and all other items necessary to perform the Scope of Work. As between City and Consultant, Consultant is solely responsible for any taxes or fees which may be assessed against it or its employees resulting from performance of the Scope of Work, whether social security, payroll or

other, and regardless of whether assessed by the federal government, any state, the City, or any other governmental entity. City shall pay applicable state or local fees necessary to obtain approval, plan checks, permits and variances for the Project.

2.7 Engineer shall resolve in his or her sole reasonable discretion any issues or questions which may arise during the term of this Agreement as to the quality or acceptability of Consultant's performance of the Scope of Work, the manner of performance, the interpretation of direction given to Consultant, the acceptable completion of a Directive, and the amount of compensation due. Upon written notice from Engineer, Consultant shall assign replacement personnel and/or shall remedy any deficient services or work product to Engineer's reasonable satisfaction and at Consultant's sole cost and expense. Compliance with the requirements of this Section 2.7 is a condition to payment by City of compensation to Consultant pursuant to this Agreement.

2.8 Consultant's representative responsible for administering this Agreement, Richard Mast, P.E. ("Project Manager"), shall not be changed without Engineer's written approval. Engineer may, for any reason in his or her sole reasonable discretion, require Consultant to substitute a new Project Manager. If City requests such a substitution, the substitute Project Manager shall expend whatever time and costs necessary to become familiar with the Project and any portions of the Scope of Work already performed at Consultant's sole cost and expense.

2.9 If the law requires Consultant, in performing the Scope of Work, to follow a different standard of care than the ordinary standard of care applied to a reasonable person, Consultant shall perform such services with the degree of diligence, skill, judgment, and care applicable to Consultant's profession ("professional standard"). Consultants not required to follow a professional standard shall exercise the degree of care required of ordinary persons.

2.10 For portions of the Scope of Work to be performed on a time and material basis, Consultant shall assign personnel, whether employees or Subconsultants, with the lowest applicable hourly rate who are fully competent to provide the services required. If Consultant finds it necessary to have any portion of the Scope of Work, which this Section 2.10 would require to be performed by personnel at a lower rate, to be performed by personnel at a higher rate, Consultant shall, nevertheless, invoice City at the lower rate.

2.11 Consultant shall promptly consider and implement, to the reasonable satisfaction of Engineer, any written comments of Engineer.

2.12 Consultant shall review information provided by City's Harbor Department, whether in the form of drawings, documents, and/or written or verbal comments, excluding survey data. Any such information reasonably believed by Consultant to be inaccurate, incomplete or inapplicable shall be brought promptly to the attention of Engineer in writing.

2.13 Consultant shall perform the Scope of Work as expeditiously as possible and at the time or times required by the Engineer. Time is of the essence in the performance of the Scope of Work. Consultant's failure to conform to any schedule set

forth in a Directive shall entitle City to have services completed by others, shall obligate Consultant to pay City's cost to undertake completion of such services, and shall authorize City to withhold such amounts from any payments otherwise due to Consultant. Consultant's failure to timely perform in accordance with the schedule set forth in a Directive shall result in economic losses to the City, including, but not limited to, the timely bidding and awarding of contracts, completion of the Project and the use of the Project by City's Harbor Department, its tenants and the public.

3. Services To Be Performed By City.

3.1 City's Harbor Department shall provide Consultant with available and/or necessary horizontal and vertical survey data in the form of field notes or electronic format as maintained by City's Harbor Department, access to public records, prints of existing aerial photos, existing planimetric maps, environmental documents, existing oceanographic studies and existing soil reports in the vicinity, previous specifications and other information which, in the sole reasonable discretion of Engineer, shall assist in completing the Scope of Work.

3.2 City's Harbor Department shall provide all necessary copies and prints of final plans, specifications and estimates for bid advertisement and construction.

3.3 City's Harbor Department shall provide survey, construction inspection, construction contract administration and soil compaction-testing services unless the Scope of Work provides otherwise.

3.4 Consultant shall provide Engineer with reasonable advance written notice if it requires access to the Project area or any other premises of City's Harbor Department. Subsequent access rights, if any, shall be granted to Consultant at the sole reasonable discretion of Engineer, specifying conditions Consultant must satisfy in connection with such access. Consultant acknowledges that the Project area may be occupied or used by tenants or contractors of City and that access rights granted by City's Harbor Department to Consultant shall be consistent with any such occupancy or use.

3.5 City shall not be obligated to provide information and/or services except as specified in this Agreement.

4. Effective Date and Term.

4.1 After approval by City in accordance with Section 245 of City's Charter, the effective date of this Agreement shall be the date of its execution by City's Harbor Department Executive Director ("Executive Director"). Consultant acknowledges that Section 245 of City's Charter furnishes to the City Council of City ("Council") the right to review this Agreement and that this Agreement shall not become effective until after the expiration of the fifth Council meeting day after approval of this Agreement by Board, or the date of Council's approval of the Agreement.

4.2 The term of this Agreement shall not exceed three (3) years, commencing on the Agreement's effective date. This Agreement shall be in full force and effect until:

a. Engineer determines that Consultant has completed the Scope of Work and provides Consultant written notice thereof; or

b. Board, in its sole discretion, terminates this Agreement, which termination shall become effective five (5) calendar days following Executive Director's transmittal of written notice advising Consultant of such action by Board. Upon receipt of such written notice, Consultant shall cease the performance of the Scope of Work. Consultant shall be entitled to compensation only for services actually performed prior to such termination. Engineer, in his or her sole reasonable discretion, shall determine the amount of services actually performed and shall allocate a portion of the total compensation due Consultant accordingly. If Board so terminates this Agreement, Consultant shall deliver all drawings, specifications, plans, reports, studies, calculations, estimates, documents and other work product produced pursuant to this Agreement to City in an organized, usable form with all items properly labeled to the degree of detail specified by the Engineer. No compensation shall be due Consultant until it complies with the requirements of this paragraph; or

c. Three (3) years have elapsed from the effective date of the Agreement.

4.3. Notwithstanding the foregoing, this Agreement is subject to the provisions of City's Charter which, among other things, precludes City from making any expenditure of funds or incurring any liability, including contractual commitments, in excess of the amount appropriated therefor. Board, in awarding this Agreement, is expected to appropriate sufficient funds to meet the estimated expenditure of funds through June 30 of the current fiscal year and to make further appropriations in each succeeding fiscal year during the life of the Agreement. However, Board is under no legal obligation to do so. City, its boards, officers, and employees are not bound by the terms of this Agreement or obligated to make payment thereunder in any fiscal year in which the Board does not appropriate funds therefor. Consultant is not entitled to any compensation in any fiscal year in which funds have not been appropriated for the Agreement by Board.

Although Consultant is not obligated to perform any services required by the Scope of Work in any fiscal year in which no appropriation for the Agreement has been made, Consultant shall resume performance of the Scope of Work on the same terms and conditions for a period of sixty (60) days after the end of the fiscal year if an appropriation therefor is approved by Board within that sixty (60)-day period. Consultant is responsible for maintaining all insurance and bonds during this sixty (60)-day period. The time for performance shall be extended during this period until the appropriation is made; however, such extension of time is not compensable.

If in any subsequent fiscal year funds are not appropriated by Board for this Agreement, this Agreement shall be terminated. However, such termination shall not relieve the parties of liability for any obligation previously incurred.

5. Compensation.

5.1 For the full and satisfactory performance of the Scope of Work, City shall pay Consultant and Consultant shall accept a sum not to exceed Three Million Dollars (\$3,000,000) to be paid as specified in Exhibit "E." If Exhibit "E" allocates a specific amount to the performance of a Task or Subtask and if, following the completion of such Task or Subtask, unexpended sums remain in relation to such specific amount, Executive Director may, upon written notice to Consultant, allocate such unexpended sums to the performance of a subsequent Task or Subtask.

5.2 Compensation payable under this Agreement includes payment for all labor, travel, per diem, fringe benefits, general and administrative expenses, overhead, profit, materials, supplies, transportation, and all other direct and indirect costs and expenses incurred by Consultant ("Expenses"). As such, Consultant shall not be entitled to separate reimbursement of Expenses under this Agreement. No markups or premiums shall be applied to services performed by Subconsultants unless Exhibit "E" expressly so allows. Compensation payable under this Agreement shall be on a (1) fixed fee, (2) hourly, or (3) combined fixed fee and hourly basis in accordance with the terms below, as may be more particularly specified in Exhibit "E" and Exhibit "F."

a. Fixed Fee. Lump sum compensation for satisfactory performance of Tasks as may be identified as "Lump Sum" in Exhibit "E."

b. Hourly Fee. An amount equal to the product of the hours expended by Consultant and the applicable hourly rates set forth in Exhibit "F" for time actually spent in the performance of Tasks as may be identified as "Not-to-Exceed" in Exhibit "E." The rates identified in Exhibit "F" state the maximum rates Consultant shall charge under this Agreement. No premium rates, including, but not limited to, overtime or hazardous duty premiums, shall be charged.

5.3 If the term of this Agreement exceeds one (1) year and if Executive Director so consents in writing, Consultant may increase the rates set forth in Exhibit "F" after each twelve (12) months of service as long as such increases (a) are equal to or lower than the rates Consultant charges to other municipal or governmental entities and (b) represent an increase of no more than three percent (3%) over the rates charged during the prior twelve (12) month period. Such increases in rates, if any, shall not result in increases of the amount of total compensation payable under this Agreement set forth in Section 5.1. In the event of any such rate increase, Exhibit "F" shall be revised, replaced and renumbered as Exhibit "F-1," Exhibit "F-2," etc., as applicable.

5.4 Each month during the term of this Agreement, as a prerequisite to payment for services, Consultant shall submit a written invoice to City's Harbor Department for services performed during the prior month, accompanied by such

records and receipts as may be specifically required in Exhibit "E." Each such invoice shall bear a City Business Tax Registration Number and a Taxpayer Identification Number. Each invoice shall identify all services performed by Subconsultants. If payments are to be based on the performance of established milestones, Consultant shall bill as each milestone is completed, but not more often than once a month.

Consultant shall submit one (1) original and four (4) copies of each such invoice for payment in the format that contains the information specified in Exhibit "G" and that includes the following certification:

"I certify under penalty of perjury that the above bill is just and correct according to the terms of Agreement No. _____ and that payment has not been received. I further certify that I have complied with the provisions of the City's Living Wage Ordinance.

(signed)

5.5 Consultant shall submit supporting documents with each invoice as may be set forth in a Directive. Such documents may include, but are not limited to, provider invoices, payrolls, and time sheets.

5.6 If Consultant utilizes Subconsultants to perform aspects of the Scope of Work, Consultant shall submit to City, with each monthly invoice, a Monthly Subconsultant Monitoring Report in the form attached hereto as Exhibit "H." Consultant shall provide an explanation for any item that does not meet or exceed the participation levels required by a particular Directive, with specific plans and recommendations for improved subconsultant utilization. Invoices will not be paid without a completed Monthly Subconsultant Monitoring Report form. Consultant is not required to submit support for direct costs items of \$25 or less.

5.7 All sums due and payable to Consultant shall be paid as soon as, in the ordinary course of City business, the same may be reviewed and approved. City shall use all reasonable effort to pay said sums within sixty (60) days of receipt of each statement.

For payment and processing, all invoices shall be mailed to the following address:

Accounts Payable Section
Harbor Department, City of Los Angeles
P.O. Box 191
San Pedro, CA 90733-0191

6. Recordkeeping and Audit Rights.

6.1 Consultant shall keep and maintain full, complete and accurate books of accounts and records of the services performed under this Agreement in accordance

with generally accepted accounting principles consistently applied, which books and records shall be readily accessible to and open for inspection and copying at the premises by City, its auditors or other authorized representatives. Notwithstanding any other provision of this Agreement, failure to do so shall constitute a conclusive waiver of any right to compensation for such services as are otherwise compensable hereunder. Such books and records shall be maintained by Consultant for a period of three (3) years after completion of services to be performed under this Agreement or until all disputes, appeals, litigation or claims arising from this Agreement have been resolved.

6.2 During the term of this Agreement, City may audit, review and copy any and all writings (as that term is defined in Section 250 of the California Evidence Code) of Consultant and Subconsultants arising from or related to this Agreement or performance of the Scope of Work, whether such writings are (a) in final form or not, (b) prepared by Consultant, Subconsultants or any individual or entity acting for or on behalf of Consultant or a Subconsultant, and (c) without regard to whether such writings have previously been provided to City. Consultant shall be responsible for obtaining access to and providing writings of Subconsultants. Consultant shall provide City at Consultant's sole cost and expense a copy of all such writings within fourteen (14) calendar days of a written request by City. City's right shall also include inspection at reasonable times of the Consultant's office or facilities which are engaged in the performance of the Scope of Work. Consultant shall, at no cost to City, furnish reasonable facilities and assistance for such review and audit. Consultant's failure to comply with this Section 6.2 shall constitute a material breach of this Agreement and shall entitle City to withhold any payment due under this Agreement until such breach is cured.

7. Consultant Is An Independent Contractor.

Consultant, in the performance of the Scope of Work, is an independent contractor and not an agent or employee of City. Consultant shall not represent itself as an agent or employee of the City and shall have no power to bind the City in contract or otherwise.

8. Business Tax Registration Certificate.

City's Office of Finance requires the implementation and enforcement of Los Angeles Municipal Code Section 21.09 et seq. This section provides that every person, other than a municipal employee, who engages in any business within City, is required to obtain the necessary Business Tax Registration Certificate and pay business taxes. The City Controller has determined that this Code Section applies to consulting firms that are doing work for City's Harbor Department. See <https://finance.lacity.org/how-register-btrc>.

9. Indemnification.

9.1 Indemnification

Except for the sole negligence or willful misconduct of the City, or any of its Boards, Officers, Agents, Employees, Assigns and Successors in Interest, Consultant

undertakes and agrees to defend, indemnify and hold harmless the City and any of its Boards, Officers, Agents, Employees, Assigns, and Successors in Interest from and against all suits and causes of action, claims, losses, demands and expenses, including, but not limited to, attorney's fees (both in house and outside counsel) and cost of litigation (including all actual litigation costs incurred by the City, including but not limited to, costs of experts and consultants), damages or liability of any nature whatsoever, for death or injury to any person, including Consultant's employees and agents, or damage or destruction of any property of either party hereto or of third parties, arising in any manner by reason of the negligent acts, errors, omissions or willful misconduct incident to the performance of this Agreement by Consultant or its subcontractors of any tier. Rights and remedies available to the City under this provision are cumulative of those provided for elsewhere in this Agreement and those allowed under the laws of the United States, the State of California, and the City.

9.2 Indemnification for Design Professional Services

To the fullest extent permitted by law (including without limitation, Section 2782.8 of the California Civil Code), when the services to be provided under this Agreement are design professional services to be performed by a design professional, as that term is defined under said Section 2782.8, Consultant shall indemnify, protect, defend and hold harmless City and any and all of its boards, officers, agents, or employees from and against all claims, charges, demands, costs, expenses (including counsel fees), judgments, civil fines and penalties, liabilities or losses of any kind or nature whatsoever which may be sustained or suffered by or secured against the City, its boards, officers, agents, and/or employees that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of Consultant, or the acts or omissions of an officer, employee, agent or Subconsultant, excepting only liability resulting from the negligence or willful misconduct of City.

10. Insurance.

10.1 Insurance procured by Consultant on Behalf of Consultant

In addition to and not as a substitute for, or limitation of, any of the indemnity obligations imposed by Section 9, Consultant shall procure and maintain at its sole cost and expense and keep in force at all times during the term of this Agreement the following insurance:

(a) Commercial General Liability Insurance

Commercial general liability insurance covering personal and advertising injury, bodily injury, and property damage providing contractual liability, independent contractors, products and completed operations, and premises/operations coverage written by an insurance company authorized to do business in the State of California rated VII, A- or better in Best's Insurance Guide (or an alternate guide acceptable to City if Best's is not available) within Consultant's normal limits of liability but not less than One Million Dollars (\$1,000,000) combined single limit for injury or claim. Said limits shall provide first dollar coverage except that Executive Director may permit a self-

insured retention or self-insurance in those cases where, in his or her judgment, such retention or self-insurance is justified by the net worth of Consultant. The retention or self-insurance provided shall provide that any other insurance maintained by the Harbor Department shall be excess of Consultant's insurance and shall not contribute to it. In all cases, regardless of any deductible or retention, said insurance shall contain a defense of suits provision and a severability of interest clause. Each policy shall name the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds.

(b) Automobile Liability Insurance

Automobile liability insurance written by an insurance company authorized to do business in the State of California rated VII, A- or better in Best's Insurance Guide (or an alternate guide acceptable to City if Best's is not available) within Consultant's normal limits of liability but not less than One Million Dollars (\$1,000,000) covering damages, injuries or death resulting from each accident or claim arising out of any one claim or accident. Said insurance shall protect against claims arising from actions or operations of the insured, or by its employees. Coverage shall contain a defense of suits provision and a severability of interest clause. Each policy shall name the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds.

(c) Workers' Compensation and Employer's Liability

Consultant shall certify that it is aware of the provisions of Section 3700 of the California Labor code which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and that Consultant shall comply with such provisions before commencing the performance of the tasks under this Agreement. Coverage for claims under U.S. Longshore and Harbor Workers' Compensation Act, if required under applicable law, shall be included. Consultant shall submit Workers' Compensation policies whether underwritten by the state insurance fund or private carrier, which provide that the public or private carrier waives its right of subrogation against the City in any circumstance in which it is alleged that actions or omissions of the City contributed to the accident. Such Worker's Compensation and occupational disease requirements shall include coverage for all employees of Consultant, and for all employees of any subcontractor or other vendor retained by Consultant.

(d) Professional Liability Insurance

Consultant is required to provide Professional Liability insurance with respect to negligent or wrongful acts, errors or omissions, or failure to render services in connection with the professional services to be provided under this Agreement. This insurance shall protect against claims arising from professional services of the insured, or by its employees, agents, or contractors, and include coverage (or no exclusion) for contractual liability.

Consultant certifies that it now has professional liability insurance in the amount of Five Million Dollars (\$5,000,000), which covers work to be performed pursuant to this

Agreement and that it will keep such insurance or its equivalent in effect at all times during performance of said Agreement and until two (2) years following acceptance of the completed project by Board.

10.2 Insurance Procured by Consultant on Behalf of City

In addition to and not as a substitute for, or limitation of, any of the indemnity obligations imposed by Section 9, and where Consultant is required to name the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds on any insurance policy required by this Agreement, Consultant shall cause City to be named as an additional insured on all policies it procures in connection with this Section 10. Consultant shall cause such additional insured status to be reflected in the original policy or by additional insured endorsement (CG 2010 or equivalent) substantially as follows:

"Notwithstanding any inconsistent statement in the policy to which this endorsement is attached, or any endorsement or certificate now or hereafter attached hereto, it is agreed that City, Board, their officers, agents and employees, are additional insureds hereunder, and that coverage is provided for all contractual obligations, operations, uses, occupations, acts and activities of the insured under Agreement No. ____, and under any amendments, modifications, extensions or renewals of said Agreement regardless of where such contractual obligations, operations, uses, occupations, acts and activities occur.

"The policy to which this endorsement is attached shall provide a 10-days notice of cancellation for nonpayment of premium, and a 30-days notice of cancellation for any other reasons to the Risk Manager.

"The coverage provided by the policy to which this endorsement is attached is primary coverage and any other insurance carried by City is excess coverage;

"In the event of one of the named insured's incurring liability to any other of the named insureds, this policy shall provide protection for each named insured against whom claim is or may be made, including claims by other named insureds, in the same manner as if separate policies had been issued to each named insured. Nothing contained herein shall operate to increase the company's limit of liability; and

"Notice of occurrences or claims under the policy shall be made to the Risk Manager of City's Harbor Department with copies to the City Attorney's Office."

10.3 Required Features of Coverages

Insurance procured by Consultant in connection with this Section 10 shall include the following features:

(a) Acceptable Evidence and Approval of Insurance

Electronic submission is the required method of submitting Consultant's insurance documents. Consultant's insurance broker or agent shall register with the

City's online insurance compliance system **KwikComply** at <https://kwikcomply.org/> and submit the appropriate proof of insurance on Consultant's behalf.

Upon request by City, Consultant shall furnish a copy of the binder of insurance and/or a full certified policy for any insurance policy required herein. This obligation is intended to, and shall, survive the expiration or earlier termination of this Agreement.

(b) Carrier Requirements

All insurance which Consultant is required to provide pursuant to this Agreement shall be placed with insurance carriers authorized to do business in the State of California and which are rated A-, VII or better in Best's Insurance Guide. Carriers without a Best's rating shall meet comparable standards in another rating service acceptable to City.

(c) Notice of Cancellation

For each insurance policy described above, Consultant shall give a 10-day prior notice of cancellation or reduction in coverage for nonpayment of premium, and a 30-day prior notice of cancellation or reduction in coverage for any other reason, by written notice via registered mail and addressed to the City of Los Angeles Harbor Department, Attn: Risk Manager and the City Attorney's Office, 425 S. Palos Verdes Street, San Pedro, California 90731.

(d) Modification of Coverage

Executive Director, at his or her sole reasonable discretion, based upon recommendation of independent insurance consultants to City, may increase or decrease amounts and types of insurance coverage required hereunder at any time during the term hereof by giving ninety (90) days' prior written notice to Consultant.

(e) Renewal of Policies

At least thirty (30) days prior to the expiration of any policy required by this Agreement, Consultant shall renew or extend such policy in accordance with the requirements of this Agreement and direct their insurance broker or agent to submit to the City's online insurance compliance system **KwikComply** at <https://kwikcomply.org/> a renewal endorsement or renewal certificate or, if new insurance has been obtained, evidence of insurance as specified above. If Consultant neglects or fails to secure or maintain the insurance required above, Executive Director may, at his or her own option but without any obligation, obtain such insurance to protect City's interests. The cost of such insurance shall be deducted from the next payment due Consultant.

10.4 Right to Self-Insure

Upon written approval by the Executive Director, Consultant may self-insure if the following conditions are met:

1. Consultant has a formal self-insurance program in place prior to execution of this Agreement. If a corporation, Consultant must

have a formal resolution of its board of directors authorizing self-insurance.

2. Consultant agrees to protect the City, its boards, officers, agents and employees at the same level as would be provided by full insurance with respect to types of coverage and minimum limits of liability required by this Agreement.
3. Consultant agrees to defend the City, its boards, officers, agents and employees in any lawsuit that would otherwise be defended by an insurance carrier.
4. Consultant agrees that any insurance carried by Department is excess of Consultant's self-insurance and will not contribute to it.
5. Consultant provides the name and address of its claims administrator.
6. Consultant submits its most recently filed 10-Q and its 10-K or audited annual financial statements for the three most recent fiscal years prior to Executive Director's consideration of approval of self-insurance and annually thereafter.
7. Consultant agrees to inform Department in writing immediately of any change in its status or policy which would materially affect the protection afforded Department by this self-insurance.
8. Consultant has complied with all laws pertaining to self-insurance.

10.5 Accident Reports

Consultant shall report in writing to Executive Director within fifteen (15) calendar days after it, its officers or managing agents have knowledge of any accident or occurrence involving death of or injury to any person or persons, or damage in excess of Five Hundred Dollars (\$500.00) to property, occurring upon the premises, or elsewhere within the Port of Los Angeles if Consultant's officers, agents or employees are involved in such an accident or occurrence. Such report shall contain to the extent available (1) the name and address of the persons involved, (2) a general statement as to the nature and extent of injury or damage, (3) the date and hour of occurrence, (4) the names and addresses of known witnesses, and (5) such other information as may be known to Consultant, its officers or managing agents.

11. Personal Services Agreement.

11.1 During the term of this Agreement, Consultant agrees that it will not enter into other contracts or perform any work without the written permission of the Executive Director where the work may conflict with the interests of City's Harbor Department.

11.2 Consultant acknowledges that it has been selected to perform the Scope of Work because of its experience, qualifications and expertise. Any assignment or other

transfer of this Agreement or any part hereof shall be void provided, however, that Consultant may permit Subconsultant(s) to perform portions of the Scope of Work in accordance with Section 2.3. All Subconsultants whom Consultant utilizes, however, shall be deemed to be its agents. Subconsultants' performance of the Scope of Work shall not be deemed to release Consultant from its obligations under this Agreement or to impose any obligation on the City to such Subconsultant(s) or give the Subconsultant(s) any rights against the City.

12. Confidentiality.

Consultant shall not disclose any proprietary or confidential information of City to any third party or parties during or after the term of this Agreement without the prior written consent of City. The data, documents, reports, or other materials which contain information relating to the review, documentation, analysis and evaluation of the Scope of Work and any recommendations made by Consultant relative thereto shall be considered confidential and shall not be reproduced, altered, used or disseminated by Consultant or its employees or agents in any manner except and only to the extent necessary in the performance of the work under this Agreement. In addition, Consultant is required to safeguard such information from access by unauthorized personnel.

13. Affirmative Action.

Consultant shall not discriminate in its employment practices against any employee or applicant for employment because of employee's or applicant's race, religion, national origin, ancestry, sex, age, sexual orientation, disability, marital status, domestic partner status, or medical condition. The provisions of Section 10.8.4 of the Los Angeles Administrative Code are incorporated herein by this reference and made a part of this Agreement. All subcontracts awarded shall contain a like nondiscrimination provision. See Exhibit "I."

14. Small/Very Small Business Enterprise Program and Local Business Preference Program.

It is the policy of City's Harbor Department to provide Small Business Enterprises (SBE), Very Small Business Enterprises (VSBE) and Minority-Owned, Women-Owned, Disabled Veteran Business Enterprises, and all Other Business Enterprises (MBE/WBE/DVBE/OBE) an equal opportunity to participate in the performance of all City contracts in all areas where such contracts afford such participation opportunities. Consultant shall assist City's Harbor Department in implementing this policy and shall use its best efforts to afford the opportunity for SBEs, VSBEs, MBEs, WBEs, DVBEs, and OBEs to achieve participation in subcontracts where such participation opportunities present themselves and attempt to ensure that all available business enterprises, including SBEs, VSBEs, MBEs, WBEs, DVBEs, and OBEs, have equal participation opportunities which might be presented under this Agreement. See Exhibit "J."

It is also the policy of the Department to support an increase in local and regional jobs. The Department's Local Business Preference Program aims to benefit the Southern California region by increasing jobs and expenditures within the local and regional private sector. Consultant shall assist the City in implementing this policy and shall use its best efforts to afford the opportunity for Local Business Enterprises to

achieve participation in subcontracts where such participation opportunities present themselves.

NOTE: Prior to being awarded a contract with the City, Consultant and all Subconsultants must be registered on the City's Contracts Management and Opportunities Database, Los Angeles Business Assistance Virtual Network (LABAVN), at <http://www.labavn.org>.

15. Conflict of Interest.

Consultant has reviewed and understands the provisions of Section 1090 et seq. and Section 87100 et seq. of the California Government Code relating to conflict of interest of public officers and employees, as well as the Los Angeles Municipal Code ("LAMC") Municipal Ethics and Conflict of Interest provisions of Section 49.5.1 et seq. and the Conflict of Interest Codes of the City and City's Harbor Department. All parties hereto agree that they are unaware of any financial or economic interest of any public officer or employee of City relating to this Agreement. Notwithstanding any other provision of this Agreement, it is further understood and agreed that if such financial interest does exist at the inception of this Agreement, City may immediately terminate this Agreement by giving written notice thereof. Consultant's signature of this Agreement constitutes its affirmation that any former employees of City or City's Harbor Department that are employed by Consultant and that assist in performing the Scope of Work shall be free of any conflicts of interest with respect to City and City's Harbor Department.

During the term of this Agreement, Consultant shall inform the Department in writing when Consultant, or any of its Subconsultants, employs or hires in any capacity, and for any length of time, a person who has worked for the Department as a Commissioner, officer or employee. Said notice shall include the individual's name and current position and their prior position and years of employment with the Department. Written notice shall be provided by Consultant to the Department within thirty (30) days of the employment or hiring of the individual.

16. Compliance with Applicable Laws.

Consultant's activities under this Agreement, including its performance of the Scope of Work, shall comply with all federal, state, municipal, local and departmental laws, ordinances, rules, regulations, and orders. If in any instance a City standard is more stringent than a state, federal or other requirement, the City standard shall be followed unless the Engineer notifies the Consultant otherwise in writing, in which case the requirements of said notification shall apply.

17. Trademarks, Copyrights and Patents.

Consultant shall promptly and fully inform Engineer in writing of any patents, trademarks or copyrights related to services provided under this Agreement or patent trademark or copyright disputes, existing or potential, which Consultant has knowledge of, relating to any idea, design, method, material, equipment or other matter connected to this Agreement. Consultant agrees to save, keep, hold harmless, protect and indemnify City and any of its officers or agents from any damages, cost, or expenses in law or equity from infringement of any patent, trademark, service mark or copyright of

any person or persons, or corporations in consequence of the use by City of any materials supplied by Consultant in the performance of this Agreement.

18. Proprietary Information.

Writings, as that term is defined in Section 250 of the California Evidence Code (including, without limitation, drawings, specifications, estimates, reports, records, reference material, data, charts, documents, renderings, computations, computer tapes or disks, submittals and other items of any type whatsoever, whether in the form of writing, figures or delineations), which are obtained, generated, compiled or derived in connection with this Agreement (collectively hereafter referred to as "property"), are owned by City as soon as they are developed, whether in draft or final form. City has the right to use or permit the use of property and any ideas or methods represented by such property for any purpose and at any time without compensation other than that provided in this Agreement. Consultant hereby warrants and represents that City at all times owns rights provided for in this section free and clear of all third-party claims whether presently existing or arising in the future, whether or not presently known. Consultant need not obtain for City the right to use any idea, design, method, material, equipment or other matter which is the subject of a valid patent, unless such patent is owned by Consultant or one of its employees, or its Subconsultant or the Subconsultant's employees, in which case such right shall be obtained without additional compensation. Whether or not Consultant's initial proposal or proposals made during this Agreement are accepted by City, it is agreed that all information of any nature whatsoever connected with the Scope of Work, regardless of the form of communication, which has been or may be given by Consultant, its Subconsultants or on either's behalf, whether prior or subsequent to this Agreement becoming effective, to the City, its boards, officers, agents or employees, is not given in confidence. Accordingly, City or its designees may use or disclose such information without liability of any kind, except as may arise under valid patents.

19. Royalty-Free License.

If research or development is furnished in connection with this Agreement and if, in the course of such research or development, patentable work product is produced by Consultant, its officers, agents, employees, or Subconsultants, the City shall have, without cost or expense to it, an irrevocable, non-exclusive royalty-free license to make and use, itself or by anyone on its behalf, such work product in connection with any activity now or hereafter engaged in or permitted by City. Upon City's request, Consultant, at its sole cost and expense, shall promptly furnish or obtain from the appropriate person a form of license satisfactory to the City. It is expressly understood and agreed that, as between City and Consultant, the referenced license shall arise for City's benefit immediately upon the production of the work product, and is not dependent on the written license specified above. City may transfer such license to its successors in the operation or ownership of any real or personal property now or hereafter owned or operated by City.

20. City's Disclosure Obligations.

Consultant acknowledges that City is subject to laws, rules and/or regulations generally requiring it to disclose records upon request, which laws, rules and/or regulations include, but are not limited to, the California Public Records Act (California Government Code Sections 6250 et seq.) ("Disclosure Laws").

21. Notices.

In all cases where written notice is to be given under this Agreement, service shall be deemed sufficient if said notice is deposited in the United States mail, postage prepaid. When so given, such notice shall be effective from the date of mailing of the same. For the purpose hereof, unless otherwise provided by notice in writing from the respective parties, notice to City's Harbor Department shall be addressed to Director of Development, Los Angeles Harbor Department, P.O. Box 151, San Pedro, California 90733-0151, and notice to Consultant shall be addressed to it at the address set forth above. Nothing herein contained shall preclude or render inoperative service of such notice in the manner provided by law.

22. Taxpayer Identification Number ("TIN").

The Internal Revenue Service (IRS) requires that all consultants and suppliers of materials and supplies provide a TIN to the party that pays them. Consultant declares that it has an authorized TIN which shall be provided to the Department prior to payment under this Agreement. No payments will be made under this Agreement without a valid TIN.

23. Service Contractor Worker Retention Policy and Living Wage Requirements.

The Board of Harbor Commissioners of the City of Los Angeles adopted Resolution Nos. 19-8419 and 19-8420 on January 24, 2019, adopting the provisions of Los Angeles City Ordinance No. 185356 relating to Service Contractor Worker Retention ("SCWR"), Section 10.36 et seq. of the Los Angeles Administrative Code, as the policy of City's Harbor Department. Further, Charter Section 378 requires compliance with the City's Living Wage requirements as set forth by ordinance, Section 10.37 et seq. of the Los Angeles Administrative Code. Consultant shall comply with the policy wherever applicable. Violation of this provision, where applicable, shall entitle City to terminate this Agreement and otherwise pursue legal remedies that may be available.

24. Wage and Earnings Assignment Orders/Notices of Assignments.

Consultant and Subconsultants shall comply with all applicable state and federal employment reporting requirements for employees.

Consultant and Subconsultants shall certify that the principal owner(s) are in compliance with any Wage and Earnings Assignment Orders and Notices of Assignments applicable to them personally. Consultant and Subconsultants shall fully comply with all lawfully served Wage and Earnings Assignment Orders and Notices of Assignments in accordance with Section 5230 et seq. of the California Family Code.

25. Equal Benefits Policy.

Board adopted Resolution No. 6328 on January 12, 2005, agreeing to adopt the provisions of Los Angeles City Ordinance No. 172,908, as amended, relating to Equal Benefits, Section 10.8.2.1 et seq. of the Los Angeles Administrative Code, as a policy of City's Harbor Department. Consultant shall comply with the policy wherever applicable. Violation of this policy shall entitle the City to terminate any agreement with Consultant and pursue any and all other legal remedies that may be available. See Exhibit "K."

26. Compliance With Los Angeles City Charter Section 470(c)(12).

The Consultant, Subconsultants, and their Principals are obligated to fully comply with City of Los Angeles Charter Section 470(c)(12) and related ordinances, regarding limitations on campaign contributions and fundraising for certain elected City officials or candidates for elected City office if the agreement is valued at \$100,000 or more and requires approval of a City elected official. Additionally, Consultant is required to provide and update certain information to the City as specified by law. Any Consultant subject to Charter Section 470(c)(12), shall include the following notice in any contract with a subconsultant expected to receive at least \$100,000 for performance under this Agreement:

Notice Regarding Los Angeles Campaign Contribution and Fundraising Restrictions

As provided in Charter Section 470(c)(12) and related ordinances, you are a subconsultant on Harbor Department Agreement No. _____. Pursuant to City Charter Section 470(c)(12), subconsultant and its principals are prohibited from making campaign contributions and fundraising for certain elected City officials or candidates for elected City office for 12 months after the Agreement is signed. Subconsultant is required to provide to Consultant names and addresses of the subconsultant's principals and contact information and shall update that information if it changes during the 12 month time period. Subconsultant's information must be provided to Consultant within 10 business days. Failure to comply may result in termination of the Agreement or any other available legal remedies including fines. Information about the restrictions may be found at the City Ethics Commission's website at <http://ethics.lacity.org/> or by calling 213-978-1960.

Consultant, Subconsultants, and their Principals shall comply with these requirements and limitations. Violation of this provision shall entitle the City to terminate this Agreement and pursue any and all legal remedies that may be available.

27. State Tidelands Grants.

This Agreement is entered into in furtherance of and as a benefit to the State Tidelands Grant and the trust created thereby. Therefore, this Agreement is at all times subject to the limitations, conditions, restrictions and reservations contained in and

prescribed by the Act of the Legislature of the State of California entitled "An Act Granting to the City of Los Angeles the Tidelands and Submerged Lands of the State Within the Boundaries of Said City," approved June 3, 1929 (Stats. 1929, Ch. 651), as amended, and provisions of Article VI of the Charter of the City of Los Angeles relating to such lands. Consultant agrees that any interpretation of this Agreement and the terms contained herein must be consistent with such limitations, conditions, restrictions and reservations.

28. Construction of Agreement.

This Agreement shall not be construed against the party preparing the same, shall be construed without regard to the identity of the person who drafted such and shall be construed as if all parties had jointly prepared this Agreement and it shall be deemed their joint work product; each and every provision of this Agreement shall be construed as though all of the parties hereto participated equally in the drafting hereof; and any uncertainty or ambiguity shall not be interpreted against any one party. As a result of the foregoing, any rule of construction that a document is to be construed against the drafting party shall not be applicable.

29. Titles and Captions.

The parties have inserted the section titles in this Agreement only as a matter of convenience and for reference, and the section titles in no way define, limit, extend or describe the scope of this Agreement or the intent of the parties in including any particular provision in this Agreement.

30. Modification in Writing.

This Agreement may be modified only by written agreement of all parties. Any such modifications are subject to all applicable approval processes required by, without limitation, City's Charter and City's Administrative Code.

31. Waiver.

A failure of any party to this Agreement to enforce the Agreement upon a breach or default shall not waive the breach or default or any other breach or default. All waivers shall be in writing.

32. Governing Law.

This Agreement is made and entered into in the State of California and shall in all respects be construed, interpreted, enforced and governed under and by the laws of the State of California, without reference to choice of law rules.

33. Severability.

Should any part, term, condition or provision of this Agreement be declared or determined by any court of competent jurisdiction to be invalid, illegal or incapable of being enforced by any rule of law, public policy, or city charter, the validity of the remaining parts, terms, conditions or provisions of this Agreement shall not be affected

thereby, and such invalid, illegal or unenforceable part, term, condition or provision shall be treated as follows: (a) if such part, term, condition or provision is immaterial to this Agreement, then such part, term, condition or provision shall be deemed not to be a part of this Agreement; or (b) if such part, term, condition or provision is material to this Agreement, then the parties shall revise the part, term, condition or provision so as to comply with the applicable law or public policy and to effect the original intent of the parties as closely as possible.

34. Jurisdiction.

The parties hereto consent to the jurisdiction of the State of California for the enforcement of this Agreement.

35. Integrated Agreement.

This Agreement contains the entire understanding and agreement between the parties hereto with respect to the matters referred to herein. No other representations, covenants, undertakings, or prior or contemporaneous agreements, oral or written, regarding such matters which are not specifically contained, referenced, and/or incorporated into this Agreement by reference shall be deemed in any way to exist or bind any of the parties. Each party acknowledges that it has not been induced to enter into the Agreement and has not executed the Agreement in reliance upon any promises, representations, warranties or statements not contained, referenced, and/or incorporated into the Agreement. **THE PARTIES ACKNOWLEDGE THAT THIS AGREEMENT IS INTENDED TO BE, AND IS, AN INTEGRATED AGREEMENT.**

36. Exhibits; Sections.

All exhibits to which reference is made in this Agreement are deemed incorporated in this Agreement, whether or not actually attached. To the extent the terms of an exhibit conflict with or appear to conflict with the terms of the body of the Agreement, the terms of the body of the Agreement shall control. References to sections are to sections of this Agreement unless stated otherwise.

37. Counterparts.

This Agreement may be executed in any number of counterparts, each of which shall be deemed an original and all of which shall constitute together one and the same instrument.

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IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the date next to their signatures.

THE CITY OF LOS ANGELES, by its
Board of Harbor Commissioners

Date: _____

By: _____
EUGENE D. SEROKA
Executive Director

Attest: _____
Secretary

AECOM TECHNICAL SERVICES, INC.

Date: 10-22-19

By: _____

Name: JEFFREY A. KAMPE, PE

Title: VICE PRESIDENT

Attest: _____

Name: RICHARD MAST, PE

Title: VICE PRESIDENT

APPROVED AS TO FORM AND LEGALITY

10.29, 2019

MICHAEL N. FEUER, City Attorney
Janna B. Sidley, General Counsel

By: _____
Minah Park, Deputy

Account #	<u>54220</u>	W.O. #	<u>11111</u>
Ctr/Div #	<u>1900/311</u>	Job Fac. #	<u>111-11</u>
Proj/Prog #	<u>000</u>		

Fiscal Year	MIP (311)	CIP(1900)	Total
FY 2019/2020	\$ 12,000	\$ 200,000	\$ 212,000
FY 2020/2021	\$ 60,000	\$ 1,170,000	\$ 1,230,000
FY 2021/2022	\$ 60,000	\$ 1,170,000	\$ 1,230,000
FY 2022/2023	\$ 20,000	\$ 308,000	\$ 328,000
TOTAL	\$ 152,000	\$ 2,848,000	\$ 3,000,000

For Acct/Budget Div. Use Only:

Verified by: _____

Verified Funds Available: _____

Date Approved: 10/28/19

EXHIBIT "A"
ON-CALL ENGINEERING SERVICES

PROGRAM DESCRIPTION

The On-Call Engineering Services Agreements will provide the Engineering Division with on-call as needed engineering and architectural services to support the Department's Capital Improvement Program (CIP) and Maintenance Improvement Program (MIP) Program.

Attached to this Exhibit is the CIP Status Report, listing projects that may require on-call engineering services. This report is included for general information as to the size and type of projects that may be completed under the On-Call Engineering Services program for CIP and MIP projects. The Department reserves the right to add or remove projects as necessary as may be in the Department's best interest.

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
I. Terminals														
Berth 90-93 - World Cruise Center														
1. B. 93 - Cruise Terminal - Customs and Border Protection Improvements (2525300)	1007	Leon, Laura	Completed	\$3,492,702	04/13/15	A 04/11/15	01/31/17	A 02/12/17	100%	07/01/17	A 06/12/17	07/31/18	A 03/31/18	100%
2. B. 91-93 - Alternative Maritime Power (AMP) Upgrade and Retrofit (2527300)	1186	Aboulhosn, Shawki	Completed	\$13,840,000	11/17/14	A 11/17/14	03/23/16	A 03/23/16	100%	11/15/16	A 11/15/16	06/21/18	A 06/21/18	100%
3. B. 93 - Replacement of Elevator No. 6 (2528700)	1007	Smith, Charles	Construction	\$288,546	08/04/14	A 08/04/14	08/04/14	A 08/04/14	N/A	12/31/15	A 12/31/15	12/31/18	01/31/19	98%
4. B. 93 - Elevator No. 4 Modernization (2534600)	1007	Smith, Charles	Construction	\$280,530	06/30/15	A 06/30/15	06/30/15	A 06/30/15	N/A	01/27/16	A 01/27/16	12/31/18	01/31/19	75%
5. B. 93 - Install Two New Elevators at the Cruise Terminal (2543900)	1007	Leon, Laura	Design	\$4,757,350	02/01/17	A 02/01/17	01/17/19	01/17/19	95%	07/19/19	07/19/19	06/30/20	06/30/20	0%
6. B. 91-93 - Cruise Terminal - Passenger Access (2546900)	1007	Leon, Laura	Construction	\$100,000	10/15/17	A 10/15/17	04/12/18	A 01/01/18	100%	04/13/18	A 04/07/18	10/09/18	01/31/19	80%
7. B. 91-92 - Cruise Terminal - Escalator Modernization (2547400)	1007	Reeser, Kenneth	Construction	\$924,000	07/17/17	A 07/17/17	07/17/17	A 07/17/17	N/A	09/01/18	A 12/01/18	12/31/19	12/31/19	5%
8. B. 93 - Engineering Records Vault Relocation and Improvements (2549900)	1007	Leon, Laura	Construction	\$187,000	04/11/18	A 04/11/18	06/02/18	A 06/02/18	100%	06/03/18	A 06/03/18	06/30/19	06/30/19	60%
9. B. 93 - Vehicular and Pedestrian Ramp Repair (2553000)	1007	Reeser, Kenneth	Planning	\$936,000	01/01/19	01/15/19	02/28/19	02/28/19	N/A	06/01/19	06/01/19	12/31/19	12/31/19	0%
10. B. 91-92 - Passenger Terminal - Ceiling Tile Replacement (2553900)	1007	Hazelett, Phil	Bid (Adv.) and Award	\$222,000	12/31/18	A 12/31/18	12/31/18	A 12/31/18	N/A	03/01/19	03/01/19	04/30/19	04/30/19	0%
BERTH 90-93 - WORLD CRUISE CENTER TOTAL				\$25,028,128										
Berth 100-102 - China Shipping Container Terminal														
1. B. 100-102 - Marine Operations Building (2454300)	1042	Kim, Jin	Hold	\$13,800,000	02/12/12	A 02/12/12	08/31/14	A 08/31/14	100%	12/01/15	02/01/16	04/30/17	04/30/17	0%
2. B. 100-102 - Crane Maintenance Building (2502600)	1042	Kim, Jin	Hold	\$5,700,000	10/01/13	A 10/01/13	08/31/14	A 08/31/14	100%	12/01/15	02/01/16	04/30/17	04/30/17	0%
3. B. 97 - 109 - China Shipping Container Terminal Supplemental EIR (2535300)	1042	Ochsner, Lisa	Environmenta	\$2,376,500	05/15/15	A 05/15/15	05/15/15	A 05/15/15	N/A	05/15/15	A 05/15/15	09/30/19	09/30/19	80%
BERTH 100-102 - CHINA SHIPPING CONTAINER TERMINAL TOTAL				\$21,876,500										
Berth 121-131 - Yang Ming Container Terminal														
1. Phase I & II														
1. B. 121-131 - Wharf Upgrades (2449000)	1162	Kim, Jin	Hold	\$106,700,000	01/07/15	A 07/01/15	04/10/16	04/10/16	5%	10/11/16	10/11/16	04/10/18	04/10/18	0%
2. B. 121-131 - West Basin Intermodal Container Transfer Facility (WBICTF) Expansion (2481000)	1162	Kim, Jin	Hold	\$11,100,000	01/07/15	01/07/15	04/10/16	04/10/16	0%	10/11/16	10/11/16	04/10/18	04/10/18	0%
3. B. 121-131 - Terminal Redevelopment - Planning and Environmental (2523200)	1162	Wunder, Lisa	Environmenta	\$4,215,241	05/30/13	A 05/30/13	05/30/13	A 05/30/13	N/A	05/30/13	A 05/30/13	11/30/18	11/30/18	75%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete				
					Start		Finish			Start		Finish						
Baseline	Projected	Baseline	Projected	Baseline	Projected	Baseline	Projected	Baseline	Projected	Baseline	Projected	Baseline	Projected					
4. 2001 John S. Gibson Blvd - Yang Ming Administration Building Improvements (2545900)	1207	Reeser, Kenneth	Completed	\$320,702	08/27/17	A	09/10/17	09/09/17	A	09/10/17	N/A	11/05/17	A	11/10/17	06/02/18	A	05/17/18	100%
PHASE I & II TOTAL				\$122,335,943														
BERTH 121-131 - YANG MING CONTAINER TERMINAL TOTAL				\$122,335,943														
Berth 135-147 - TRAPAC Container Terminal																		
1. B. 142-143 - Backland Improvements - Phases 2-4 (2449800)	1103	Newbold, Adrienne	Completed	\$120,726,870	09/16/05	A	09/16/05	09/09/13	A	09/09/13	100%	03/03/14	A	03/03/14	03/22/17	A	02/15/17	100%
2. B. 142-147 - ICTF (2455100)	1161	Shimabukuro, Geraldine	Completed	\$73,965,000	08/23/12	A	08/23/12	09/08/13	A	09/08/13	100%	02/03/14	A	02/03/14	05/22/16	A	04/22/16	100%
3. R.B. 136-139 - Terminal Buildings & Main Gate (2458500)	1103	Sanchez, Marco	Completed	\$79,215,000	08/31/06	A	08/31/06	08/22/12	A	08/22/12	100%	02/11/13	A	02/11/13	11/20/15	A	01/07/16	100%
4. B. 144-145 - Backland Improvements - Phase 1C (2513100)	1103	Newbold, Adrienne	Closed	\$44,992,018	10/29/11	A	10/29/11	12/03/12	A	12/03/12	100%	04/15/13	A	04/15/13	05/19/14	A	04/24/14	100%
5. B. 145-147 - Backland Improvements - Phase 1B (2514300)	1103	Newbold, Adrienne	Completed	\$11,790,244	10/28/11	A	10/28/11	08/21/12	A	08/21/12	100%	02/12/13	A	02/12/13	02/28/14	A	02/28/14	100%
6. B. 142 - Crane Maintenance Building (2517700)	1103	Sar, Christina	Completed	\$9,229,000	12/16/12	A	12/16/12	01/31/15	A	01/31/15	100%	01/02/16	A	10/26/15	08/02/17	A	05/22/17	100%
7. B. 144-145 - Storm Drain Improvements (2547200)	1103	Newbold, Adrienne	Bid (Adv.) and Award	\$375,000	10/28/17	A	10/28/17	12/31/18	A	11/01/18	100%	06/30/19		01/30/19	12/26/19		07/30/19	0%
BERTH 135-147 - TRAPAC CONTAINER TERMINAL TOTAL				\$340,293,132														
Berth 171-181 - Development																		
1. B. 177-178 - Wharf Restoration (2538900)	1187	Ragusa, Angela	Design	\$9,420,000	11/01/17	A	11/01/17	04/30/19		04/30/19	40%	11/01/19		11/01/19	04/30/20		04/30/20	0%
2. B. 179-181 - Wharf and Bollard Repair (2543300)	1187	Kim, Taewon	Bid (Adv.) and Award	\$1,240,000	02/01/17	A	02/01/17	03/30/18	A	03/30/18	100%	10/01/19		10/01/19	02/28/20		02/28/20	0%
3. B. 176-179 - Electrical Infrastructure Improvements (2544100)	1187	Baird, Scott	Design	\$3,800,000	12/12/17	A	12/12/17	07/15/19		07/15/19	54%	01/04/20		01/04/20	04/30/21		04/30/21	0%
4. B. 179-181 - Window Upgrade and Roll Up Door Replacement (2553100)	1187	Reeser, Kenneth	Environmenta l	\$975,000	03/31/19		03/31/19	04/30/19		04/30/19	0%	07/01/19		07/01/19	06/30/20		06/30/20	0%
BERTH 171-181 - DEVELOPMENT TOTAL				\$15,435,000														
Berth 212-224 - YTI Container Terminal																		
1. B. 214 - 220 - Redevelopment (2519800)	1165	Han, Edward	Completed	\$44,557,782	04/17/13	A	04/17/13	02/25/15	A	03/25/15	100%	07/14/15	A	09/08/15	05/12/17	A	05/12/17	100%
2. B. 214-220 - Alternative Maritime Power (AMP) Improvements (2532500)	1186	Han, Edward	Completed	\$10,889,810	04/17/14	A	04/17/14	03/25/15	A	03/25/15	100%	09/08/15	A	09/08/15	05/12/17	A	05/12/17	100%
3. B. 212-224 - Intermodal Container Transfer Facility (ICTF) Expansion (2533300)	1165	Han, Edward	Completed	\$6,455,400	04/01/13	A	04/01/13	04/29/16	A	04/29/16	100%	10/03/16	A	04/19/17	10/02/17	A	12/31/17	100%
4. B. 214-220 - 480V Main Breakers Replacement (2533500)	1165	Aboulhosn, Shawki	Completed	\$900,804	12/04/14	A	12/04/14	02/12/15	A	02/12/15	100%	07/14/15	A	09/08/15	05/12/17	A	04/14/17	100%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
5. B. 214 - 220 - Concrete Wharf Inspection and Improvements (2537800)	1165	Nguyen, Long	Hold	\$10,603,000	07/16/16	^A 07/16/16	05/31/18	05/31/18	95%	12/01/18	12/01/18	09/30/20	09/30/20	0%
6. B. 218-220 Concrete Pavement Improvement (2546600)	1165	Han, Edward	Hold	\$837,000	12/01/17	^A 12/01/17	03/31/18	^A 03/31/18	100%	09/01/18	09/01/18	12/31/18	12/31/18	0%
BERTH 212-224 - YTI CONTAINER TERMINAL TOTAL				\$74,243,796										
Berth 222-236 - Development														
1. B. 226-236 - Terminal Improvements - Planning and Environmental (2524200)	1155	Correa, Brian	Completed	\$4,269,706	09/04/14	^A 09/04/14	09/04/14	^A 09/04/14	N/A	09/04/14	^A 09/04/14	12/31/17	^A 10/19/17	100%
2. B. 228-230 - Alternative Maritime Power (AMP) Upgrade and Retrofit (2529400)	1186	Correa, Brian	Bid (Adv.) and Award	\$7,000,000	09/16/14	^A 09/16/14	09/28/18	^A 11/16/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
3. B. 226-236 Terminal Improvements - Wharf and Backlands (2531200)	1155	Correa, Brian	Bid (Adv.) and Award	\$41,311,840	09/19/14	^A 09/19/14	09/28/18	^A 11/16/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
4. B. 226-236 - Terminal Infrastructure Reconstruction (2539400)	1155	Correa, Brian	Bid (Adv.) and Award	\$14,852,400	03/14/16	^A 03/14/16	09/28/18	^A 11/16/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
5. B. 226 - Electrical Infrastructure for E-Truck Plug-In and LNG Fueling Stations (2544000)	1155	Hoang, Dac	Construction	\$380,000	05/03/17	^A 05/03/17	08/31/17	^A 08/31/17	100%	09/01/17	^A 09/01/17	12/31/18	01/31/19	98%
6. B. 226-236 - Advanced Cargo Handling Demonstration (2545300)	1155	Hoang, Dac	Bid (Adv.) and Award	\$2,000,000	07/11/17	^A 07/11/17	09/28/18	^A 11/15/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
BERTH 222-236 - DEVELOPMENT TOTAL				\$69,813,946										
Berth 300-306 - Development														
1. R.B. 301-305 - Buildings, Gates, and Backland Development (2489000)	1134	Harne, Melissa	Closed	\$607,716	01/02/13	^A 01/02/13	08/04/17	08/04/17	2%	02/01/18	02/01/18	01/21/20	01/21/20	0%
2. B. 306 - Wharf and Backland Development (2489100)	1134	Cisneros, Hugo	Hold	\$163,000,000	01/05/09	^A 01/05/09	02/01/17	02/01/17	59%	02/01/18	02/01/18	01/21/20	01/21/20	0%
3. B. 302-305 - Crane Switchgear Modernization (2552900)	1134	Basha, George	Design	\$1,775,000	01/01/19	^A 01/01/19	02/28/19	02/28/19	5%	10/01/19	10/01/19	04/30/21	04/30/21	0%
BERTH 300-306 - DEVELOPMENT TOTAL				\$165,382,716										
Berth 400-409 - Development														
1. B. 402-403 - Expansion Joint Repaving (2536300)	1140	Le, Chinh	Closed	\$272,986	08/18/15	^A 08/18/15	08/09/16	^A 08/09/16	100%	03/01/18	^A 02/05/18	11/28/18	^A 03/20/18	100%
2. Pier 400 Corridor Storage Tracks Expansion (2543500)	1140	Lai, Sue	Design	\$34,015,000	07/15/18	^A 07/15/18	12/31/19	12/31/19	30%	07/01/20	07/01/20	12/31/21	12/31/21	0%
3. Pier 400 Pavement Replacement (2550400)	1140	Honeybone, Christine	Completed	\$115,469	06/14/18	^A 06/14/18	06/14/18	^A 06/14/18	100%	06/30/18	^A 06/25/18	07/29/18	^A 07/20/18	100%
BERTH 400-409 - DEVELOPMENT TOTAL				\$34,403,455										
Motems														
1. B. 238-239 - MOTEMS - PBF Energy (2489900)	1195	Robledo, Jose	Design	\$25,675,000	08/29/18	^A 08/29/18	10/21/19	10/21/19	40%	04/27/20	04/27/20	04/30/21	04/30/21	0%

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Start Projected	Baseline	Finish Projected		Baseline	Start Projected	Baseline	Finish Projected	
2. B. 167-169 - MOTEMS- Shell (2493600)	1195	Robledo, Jose	Design	\$22,540,338	12/09/13	^A 12/09/13	01/28/19	01/28/19	95%	01/07/20	01/07/20	01/24/22	01/24/22	0%
3. B. 163 - MOTEMS- NuStar (2493700)	1195	Robledo, Jose	Hold	\$23,976,000	07/04/17	07/04/17	07/02/18	07/02/18	0%	06/11/19	06/11/19	06/08/20	06/08/20	0%
4. B. 148-151 - MOTEMS- Phillips 66 (2493800)	1195	Robledo, Jose	Design	\$24,626,142	02/05/18	^A 02/05/18	09/30/19	09/30/19	10%	03/31/20	03/31/20	03/29/21	03/29/21	0%
5. B. 164 - MOTEMS - Valero (2493900)	1195	Robledo, Jose	Design	\$26,655,000	08/11/17	^A 08/11/17	03/08/19	03/08/19	80%	09/16/19	03/14/20	09/18/20	09/18/20	0%
6. B. 187-191 - MOTEMS- Vopak (2494000)	1195	Robledo, Jose	Hold	\$61,561,271	06/03/16	06/03/16	02/16/17	02/16/17	0%	07/14/17	07/14/17	01/10/19	01/10/19	0%
7. B. 163 - MOTEMS Repairs - Nustar (2524400)	1195	Robledo, Jose	Completed	\$1,258,598	10/03/13	^A 10/03/13	05/31/14	^A 05/31/14	100%	03/09/15	^A 03/09/15	08/07/17	^A 05/12/17	100%
8. B. 164 - MOTEMS Repairs - Valero (2524500)	1195	Robledo, Jose	Completed	\$979,093	10/03/13	^A 10/03/13	05/31/14	^A 05/31/14	100%	03/09/15	^A 03/09/15	08/07/17	^A 05/12/17	100%
9. B. 187-190 - MOTEMS Repairs - Vopak (2524600)	1195	Robledo, Jose	Closed	\$448,310	09/03/16	^A 07/18/16	09/03/17	^A 09/03/17	25%	12/05/17	^A 02/05/18	12/05/18	^A 12/05/18	0%
10. B. 148-149 - MOTEMS Repairs - Phillips 66 (2539800)	1195	Sanchez, Marco	Bid (Adv.) and Award	\$3,955,000	08/09/16	^A 08/09/16	08/05/18	^A 09/04/18	100%	02/07/19	07/28/19	02/07/20	02/07/20	0%
11. B. 163 - 164 - MOTEMS Repairs - Nustar/Valero - Phase 2 (2548300)	1195	Sanchez, Marco	Construction	\$600,000	03/30/18	^A 03/30/18	07/13/18	^A 08/12/18	100%	07/23/18	^A 09/11/18	03/15/19	03/15/19	5%
MOTEMS TOTAL				\$192,274,752										
Miscellaneous Terminal Improvements														
1. B. 196-199 - Wharf Rehabilitation (2516600)	1171	Le, Chinh	Construction	\$14,300,000	03/04/14	^A 03/04/14	02/22/16	^A 02/22/16	100%	08/07/17	^A 08/07/17	07/19/19	07/19/19	93%
2. B. 240 A, B, & C - Seawall Improvements - PBF Energy (2537600)	1001	Sanchez, Marco	Completed	\$4,500,000	05/03/16	^A 05/03/16	09/14/17	^A 10/16/17	100%	11/06/17	^A 04/30/18	11/06/18	^A 08/31/18	100%
3. New Dredge Material Disposal Site (2542800)	1002	Kim, Taewon	Closed	\$0	07/03/17	^A 07/03/17	07/03/17	^A 07/03/17	N/A	07/03/17	^A 07/03/17	07/31/21	07/31/21	N/A
4. B. 243-245 - Confined Disposal Facility Modifications (2547700)	1002	Kim, Taewon	Design	\$2,500,000	12/01/17	^A 12/01/17	03/01/20	03/01/20	40%	05/02/18	07/01/19	11/01/25	11/01/25	0%
5. R.B. 206-209 - Demolition (2547800)	1156	Gutierrez, Mimi	Design	\$3,310,000	09/01/18	^A 09/01/18	02/28/19	02/28/19	95%	09/01/19	09/01/19	05/31/20	05/31/20	0%
6. R.B. 147-151 - Sanitary Sewer Rehabilitation (2548200)	1002	Vazquez, Lizeth	Hold	\$420,000	03/01/18	^A 03/01/18	07/31/18	^A 07/31/18	100%	10/01/18	10/01/18	01/31/19	01/31/19	0%
7. B. 240X So Cal Ship Services - Parking Lot Design (2550600)	1002	Harne, Melissa	Design	\$40,000	06/22/18	^A 08/20/18	10/19/18	02/28/19	10%	10/19/18	02/28/19	10/19/18	02/28/19	0%
MISCELLANEOUS TERMINAL IMPROVEMENTS TOTAL				\$25,070,000										
TERMINALS TOTAL				\$1,086,157,369										
II. Transportation														
Transportation Improvements														

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
1. South Wilmington Grade Separation (2423600)	1172	Martinez, Guillermo	Completed	\$70,078,430	06/01/05	A 06/01/05	06/27/12	A 06/27/12	100%	02/18/13	A 02/18/13	03/31/15	A 03/31/15	100%
2. I-110/SR 47 Connector Improvement (2466100)	1172	Konareddy, Prashant	Completed	\$16,937,052	08/18/08	A 08/18/08	06/19/13	A 06/19/13	100%	11/18/13	A 11/18/13	06/26/16	A 07/07/16	100%
3. John S. Gibson Intersection & NB I-110 Ramp Access Improvements (2469900)	1172	Konareddy, Prashant	Completed	\$28,572,586	03/04/08	A 03/04/08	06/19/13	A 06/19/13	100%	11/18/13	A 11/18/13	06/26/16	A 07/07/16	100%
4. C Street/I-110 Access Ramp Improvements (2485200)	1172	Konareddy, Prashant	Completed	\$45,392,083	07/01/08	A 07/01/08	07/31/13	A 07/31/13	100%	01/13/14	A 01/14/14	01/05/17	A 09/13/16	100%
5. B. 200 - Rail Yard (2488500)	1172	Sar, Christina	Completed	\$128,479,559	04/16/08	A 04/16/08	11/16/11	A 11/16/11	100%	08/27/12	A 08/27/12	08/01/14	A 08/15/14	100%
6. Avalon and Fries Street Closures Environmental Assessment (2516700)	1172	Wunder, Lisa	Environmenta l	\$779,650	08/08/12	A 08/08/12	08/08/12	A 08/08/12	N/A	08/08/12	A 08/08/12	12/31/19	12/31/19	80%
7. At-Grade Rail Crossing Protection System for Anaheim St. Rail Crossing of McFarland Lead Track (2524100)	1172	Hunt, Alex	Completed	\$434,106	06/10/13	A 06/10/13	08/31/15	A 08/31/15	100%	09/01/16	A 09/01/16	03/31/18	A 05/31/18	100%
8. SCIG Bridge and Road Review (2532200)	1189	Shimabukuro , Geraldine	Hold	\$200,000	01/12/15	A 01/12/15	06/30/16	06/30/16	95%	06/30/16	06/30/16	06/30/16	06/30/16	N/A
9. State Route 47/Vincent Thomas Bridge & Front St./Harbor Blvd Interchange Reconfiguration (2533400)	1172	Aziz, Sarah	Design	\$31,050,000	10/01/18	A 12/15/18	09/30/20	09/30/20	1%	04/01/21	04/01/21	03/30/23	03/30/23	N/A
10. Alameda Corridor Southern Terminus Gap Closure (2536600)	1172	Preciado, Noe	Design	\$10,056,000	12/07/15	A 12/07/15	04/30/19	04/30/19	85%	02/01/20	02/01/20	01/31/21	01/31/21	0%
11. Navy Way Speed Hump Reconstruction and Restriping (2538300)	1172	Konareddy, Prashant	Bid (Adv.) and Award	\$1,850,000	09/01/16	A 09/01/16	07/31/17	A 07/31/17	100%	09/03/18	01/15/19	03/29/19	03/29/19	0%
12. Water Street Resurfacing (2538500)	1172	Hunt, Alex	Completed	\$800,000	09/01/16	A 09/01/16	03/10/17	A 03/10/17	100%	10/01/18	A 08/22/18	03/29/19	A 10/15/18	100%
13. Reeves Avenue Resurfacing (2538700)	1172	Aziz, Sarah	Completed	\$660,000	09/01/16	A 09/01/16	02/10/17	A 02/10/17	100%	12/01/18	A 10/01/18	05/31/19	A 11/30/18	100%
14. Miner Street Resurfacing (2538800)	1172	Aziz, Sarah	Completed	\$500,000	12/08/16	A 12/08/16	04/07/17	A 04/07/17	100%	11/01/18	A 09/17/18	04/05/19	A 11/16/18	100%
15. B. 200 - Rail Yard and Track Connections Enhancements (2540800)	1172	Shimabukuro , Geraldine	Bid (Adv.) and Award	\$6,700,000	08/08/16	A 08/08/16	09/20/18	A 09/20/18	100%	04/01/19	04/01/19	04/01/20	04/01/20	0%
16. Waterside Emergency Access - Various Locations (2542400)	1172	Gutierrez, Mimi	Closed	\$103,366	02/01/17	A 01/20/17	03/02/17	A 09/15/17	100%	03/13/17	A 09/26/17	07/31/17	A 07/19/18	100%
17. Pier A - Street Resurfacing (2542900)	1172	Hunt, Alex	Completed	\$1,200,000	09/01/17	A 09/01/17	01/31/18	A 01/31/18	100%	04/01/18	A 07/30/18	07/31/18	A 08/10/18	100%
18. Swinford Street, Front Street, and Regan Street - Resurfacing Project (2543100)	1172	Konareddy, Prashant	Design	\$850,000	09/01/17	A 09/01/17	01/31/19	01/31/19	90%	03/01/19	03/01/19	12/28/19	12/28/19	0%
19. Alameda Street & Dispatch Hall Driveway Traffic Signal (2544900)	1172	Hunt, Alex	Completed	\$633,000	09/01/17	A 09/01/17	09/30/18	A 01/31/18	100%	12/01/18	A 02/20/18	02/28/19	A 06/30/18	100%
20. B. 200 - Roadway Improvements (2549400)	1172	Newbold, Adrienne	Bid (Adv.) and Award	\$209,060	06/02/18	A 06/02/18	09/30/18	A 10/31/18	100%	01/01/19	02/01/19	06/30/19	05/30/19	0%
21. Access Road Adjacent to Praxair, Inc. Resurfacing (2551400)	1172	Hunt, Alex	Design	\$600,000	11/01/18	A 10/16/18	08/31/19	08/31/19	40%	12/01/19	12/01/19	03/31/20	03/31/20	0%
22. Henry Ford Avenue and Anchorage Road Improvements (2551600)	1172	Hunt, Alex	Bid (Adv.) and Award	\$50,000	11/01/18	A 11/01/18	12/31/18	A 12/31/18	100%	03/01/19	03/01/19	04/30/19	04/30/19	0%

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
23. Southern California International Gateway (SCIG) Environmental Assessment (2552500)	1189	Ochsner, Lisa	Environmenta l	\$700,000	12/01/18	A 12/01/18	12/01/18	A 12/01/18	N/A	12/01/18	A 12/01/18	12/01/19	12/01/19	1%
24. C Street/I-110 Access Ramp Improvements Right of Way Transfer (2552800)	1172	Konareddy, Prashant	Planning	\$95,000	02/28/19	02/28/19	02/28/19	02/28/19	N/A	03/01/19	03/01/19	08/30/21	08/30/21	0%
25. B. 200 - Roadway Improvements & Extension (2554000)	1172	Harne, Melissa	Planning	\$6,390,000	02/02/20	02/02/20	07/31/21	07/31/21	0%	02/01/22	02/01/22	02/01/23	02/01/23	0%
TRANSPORTATION IMPROVEMENTS TOTAL				\$353,319,892										
TRANSPORTATION TOTAL				\$353,319,892										
III. Security														
Homeland Security														
1. Port Police - 700 MHz Radio System - Phase I (2542000)	1179	Bosso, Homero	Construction	\$1,202,310	10/31/16	A 10/31/16	12/31/16	A 12/31/16	100%	08/30/17	A 08/30/17	08/30/19	08/30/19	50%
2. Port Police - 700 MHz Radio System - Phase II (2542100)	1179	Schutte, Katrina	Design	\$17,468,453	10/31/16	A 10/31/16	01/31/19	01/31/19	95%	02/01/19	02/01/19	06/30/21	06/30/21	0%
3. Port Police - Catalina Island Radio Repeater Site (2546500)	1179	Bosso, Homero	Construction	\$400,352	10/01/17	A 10/01/17	10/01/17	A 10/01/17	N/A	10/01/17	A 10/01/17	06/30/19	06/30/19	50%
4. Port Police - Integrated Computer Aided Dispatch and Records Management System (CAD/RMS) (2547900)	1179	Schutte, Katrina	Bid (Adv.) and Award	\$2,556,715	04/30/18	A 04/30/18	04/30/18	A 04/30/18	N/A	11/02/18	02/01/19	11/02/19	11/30/19	0%
5. Port Police - Fixed License Plate Reader (LPR) System (2548000)	1179	Schutte, Katrina	Bid (Adv.) and Award	\$571,649	04/30/18	A 04/30/18	04/30/18	A 04/30/18	N/A	12/01/18	02/01/19	12/31/19	12/31/19	0%
6. 120 W "C" Street Port Police Canine Training Site Improvements (2549000)	1179	Hughes, Danny	Completed	\$73,818	03/01/18	A 03/01/18	03/01/18	A 03/01/18	N/A	03/02/18	A 03/02/18	06/01/18	A 07/31/18	100%
HOMELAND SECURITY TOTAL				\$22,273,297										
SECURITY TOTAL				\$22,273,297										
IV. Public Access/Environmental Enhancements														
Port-Wide Public Enhancements														
1. Front Street Beautification (2504700)	1167	Aziz, Sarah	Hold	\$7,300,000	10/30/11	A 10/30/11	08/31/15	A 08/31/15	100%	04/01/15	A 04/01/15	09/30/19	10/30/19	5%
PORT-WIDE PUBLIC ENHANCEMENTS TOTAL				\$7,300,000										
Los Angeles Waterfront														
1. San Pedro Waterfront														
1. San Pedro Waterfront - Harbor Boulevard (SP Slip to 22nd St.) Roadway Improvements (2488200)	1169	Harne, Melissa	Hold	\$22,000,000	03/01/17	03/01/17	07/01/18	07/01/18	0%	01/03/19	01/03/19	01/03/21	01/03/21	0%
2. San Pedro Waterfront - B. 57 - Wharf Demolition, Seawall Repair, and Street Improvements (2500600)	1182	Grossi, Chris	Hold	\$21,725,000	01/01/19	01/01/19	06/30/20	06/30/20	0%	01/01/21	01/01/21	06/30/22	06/30/22	0%

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					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
3. San Pedro Waterfront - Sampson Way Roadway Improvements - 7th Street & Harbor Blvd. Intersection (2509400)	1169	Leon, Laura	Completed	\$15,665,000	07/01/14	A 07/01/14	02/22/16	A 02/22/16	100%	10/31/16	A 10/31/16	08/28/18	A 08/11/18	100%
4. San Pedro Waterfront - B. 57 - AltaSea Environmental Assessment (2531800)	1182	Wunder, Lisa	Hold	\$1,000,000	01/05/15	A 01/05/15	01/05/15	A 01/05/15	N/A	01/05/15	A 01/05/15	02/28/18	02/28/18	70%
5. San Pedro Waterfront - Ports O' Call Promenade and Town Square - Phase I (2532100)	1185	Honeybone, Christine	Construction	\$32,200,000	07/01/15	A 07/01/15	01/29/19	01/29/19	95%	03/05/18	A 03/05/18	01/29/21	01/29/21	10%
6. San Pedro Waterfront - B. 79 - Buildings Demolition (2538000)	1185	Grossi, Chris	Closed	\$0	01/20/16	A 01/20/16	11/14/18	11/14/18	90%	05/16/19	05/16/19	11/16/21	05/16/19	0%
7. San Pedro Waterfront - B. 80-83 - Buildings and Floats Demolition (2538100)	1185	Grossi, Chris	Completed	\$958,000	01/19/16	A 01/19/16	09/01/18	A 09/01/18	100%	01/09/17	A 01/09/17	09/03/21	A 01/15/19	100%
8. San Pedro Waterfront - B. 78 - Chevron Clean-up - Phase I (2538200)	1185	Grossi, Chris	Construction	\$1,500,000	01/19/16	A 01/19/16	01/22/18	A 01/22/18	100%	12/03/18	A 12/03/18	05/01/19	05/01/19	15%
9. San Pedro Waterfront - B. 80-83 - Waterside Improvements (2539000)	1185	Grossi, Chris	Design	\$4,218,660	03/01/16	A 03/01/16	01/29/19	01/29/19	95%	07/31/19	07/31/19	09/30/22	09/30/22	0%
10. San Pedro Waterfront - Harbor Boulevard From Miner Street to SP Slip Roadway Improvements (2543000)	1169	Harne, Melissa	Design	\$6,000,000	01/03/17	A 01/03/17	09/18/19	09/18/19	82%	03/20/20	03/20/20	03/20/21	03/20/21	0%
11. Harbor Boulevard - Automated Public Toilet Retrofits (2546000)	1207	Reeser, Kenneth	Completed	\$158,034	08/26/17	A 08/26/17	08/26/17	A 08/26/17	N/A	09/24/17	A 10/08/17	06/30/18	A 05/17/18	100%
12. San Pedro Waterfront - Downtown Harbor Water Cut Sheet Piling Movement Investigation for Repair (2547500)	1183	Posadas, John	Closed	\$0	11/20/17	A 11/20/17	11/20/17	A 11/20/17	N/A	11/20/17	A 11/20/17	03/31/19	03/31/19	40%
13. San Pedro Waterfront - 34.5KV Electric Utility Service (2548400)	1169	Baird, Scott	Design	\$4,000,000	02/01/18	A 02/01/18	01/31/19	01/31/19	28%	07/01/19	07/01/19	01/31/20	01/31/20	0%
14. San Pedro Waterfront - Town Square Public Restrooms (2551300)	1185	Martinez, Anabel	Planning	\$958,400	10/24/18	01/15/19	07/02/19	07/02/19	0%	12/18/19	12/18/19	06/02/20	06/02/20	0%
15. San Pedro Waterfront - B. 78 Chevron Clean Up - Phase II (2552300)	1185	Grossi, Chris	Design	\$1,500,000	01/19/16	A 01/19/16	09/30/20	09/30/20	5%	04/01/21	04/01/21	09/30/22	09/30/22	0%
16. San Pedro Waterfront - Ports O' Call Promenade - Phase II (2552600)	1185	Honeybone, Christine	Design	\$8,200,000	07/01/15	A 07/01/15	09/30/20	09/30/20	60%	04/01/21	04/01/21	09/30/22	09/30/22	0%
SAN PEDRO WATERFRONT TOTAL				\$120,083,094										
2. Wilmington Waterfront Development														
1. Wilmington Waterfront Park Street Vacations (2525600)	1040	Brown, James	Design	\$265,000	01/02/14	A 01/02/14	06/02/19	06/02/19	60%	08/04/19	08/04/19	01/05/21	01/05/21	0%
2. Wilmington Waterfront Promenade (2533000)	1040	Cisneros, Hugo	Design	\$52,700,000	07/06/15	A 07/06/15	02/28/19	02/28/19	94%	09/01/19	09/01/19	09/01/21	09/01/21	0%
3. Wilmington Waterfront - Avalon Promenade and Gateway (2537700)	1040	Cisneros, Hugo	Design	\$23,800,000	02/03/17	A 02/03/17	03/30/20	03/30/20	31%	10/01/20	10/01/20	10/01/22	10/01/22	0%
4. Wilmington Waterfront Signage Improvements (2538600)	1040	Shimabukuro, Geraldine	Construction	\$600,000	05/01/16	A 05/01/16	10/31/17	A 10/31/17	100%	02/01/18	A 02/01/18	03/31/19	03/31/19	70%
5. Wilmington Waterfront - West End Park Improvements (2543200)	1040	Wooster, Carly	Construction	\$481,000	07/01/17	A 07/28/17	03/31/18	A 04/27/18	100%	10/01/18	A 06/04/18	03/31/19	03/31/19	50%
6. Wilmington Waterfront - Site Characterization Assessments (2545600)	1040	Sun, Pauling	Environmenta	\$560,000	08/02/17	A 08/02/17	08/02/17	A 08/02/17	N/A	08/02/17	A 08/02/17	03/30/20	03/30/20	50%

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
7. Wilmington Waterfront Park - Splash Fountain Methane Alarm Panel Replacement (2553400)	1040	Hazelett, Phil	Bid (Adv.) and Award	\$25,000	12/08/18	^A 12/08/18	12/08/18	^A 12/08/18	N/A	02/10/19	02/10/19	04/30/19	04/30/19	0%
8. Wilmington Youth Sailing and Aquatic Center (2553600)	1040	Low, Bryan	Planning	\$3,100,000	01/18/19	01/18/19	10/14/19	10/14/19	0%	04/14/20	04/14/20	04/11/21	04/11/21	0%
WILMINGTON WATERFRONT DEVELOPMENT TOTAL				\$81,531,000										
LOS ANGELES WATERFRONT TOTAL				\$201,614,094										
Environmental Enhancements														
1. Pacific Harbor Line - Locomotive Electric Charger (2549200)	1002	Hoang, Dac	Construction	\$200,000	03/08/18	^A 03/08/18	07/31/18	^A 07/31/18	100%	08/01/18	^A 08/01/18	08/30/19	08/30/19	70%
ENVIRONMENTAL ENHANCEMENTS TOTAL				\$200,000										
PUBLIC ACCESS/ENVIRONMENTAL ENHANCEMENTS TOTAL				\$209,114,094										
V. Maritime Services														
Harbor Department Facilities														
1. B. 161 - Marine Ways Modifications (2486100)	1029	Han, Edward	Construction	\$3,070,000	03/15/13	^A 03/15/13	12/31/17	^A 12/31/17	100%	07/09/18	^A 07/09/18	07/31/19	01/31/19	95%
2. Harbor Administration Building - HVAC Replacement (2509600)	1003	SooHoo, Ken	Design	\$9,500,000	02/14/14	^A 02/14/14	04/26/19	04/26/19	60%	11/04/19	11/04/19	10/30/20	10/30/20	0%
3. Harbor Administration Building - 4th Floor Work Space Solutions (2517900)	1003	Macias, Emilio	Bid (Adv.) and Award	\$3,667,200	10/01/17	^A 10/01/17	11/30/18	^A 11/30/18	100%	04/01/19	04/01/19	12/20/19	12/20/19	0%
4. Klein Billing and Port Pilot Systems Enhancement (2532400)	1206	Wei, Kelvin	Construction	\$1,618,000	04/01/15	^A 04/01/15	04/01/15	^A 04/01/15	N/A	07/01/15	^A 07/01/15	08/31/20	08/31/20	70%
5. Web-Based Construction Management System (2532900)	1206	Adams, Charles	Completed	\$339,000	09/24/15	^A 09/24/15	08/31/17	^A 09/30/17	100%	09/01/17	^A 10/01/17	02/28/18	^A 03/31/18	100%
6. Harbor Administration Building - IT HVAC Emergency Back Up Unit (2539200)	1003	Smith, Charles	Closed	\$415,445	02/18/16	^A 02/18/16	02/18/16	^A 02/18/16	N/A	05/16/16	^A 05/16/16	03/31/18	^A 03/31/18	100%
7. B. 186 - Banning's Landing HVAC System Upgrade (2541000)	1207	Reeser, Kenneth	Closed	\$289,173	08/01/16	^A 08/01/16	08/01/16	^A 08/01/16	N/A	06/19/17	^A 06/19/17	04/30/18	^A 04/30/18	100%
8. B. 161 - Elevator Modernization (2542500)	1029	Reeser, Kenneth	Construction	\$241,000	01/04/17	^A 01/04/17	01/04/17	^A 01/04/17	100%	12/05/17	^A 12/05/17	02/28/19	02/28/19	80%
9. B. 161 - Installation of Electrical Vehicle Chargers (2544400)	1207	Aboulhosn, Shawki	Completed	\$135,175	04/20/17	^A 04/20/17	05/04/17	^A 05/04/17	100%	05/06/17	^A 05/06/17	02/16/18	^A 03/16/18	100%
10. Harbor Administration Building - New Skylight at Penthouse Roof (2545100)	1002	Reeser, Kenneth	Completed	\$71,392	08/13/17	^A 08/13/17	08/19/17	^A 08/19/17	100%	08/20/17	^A 08/20/17	04/30/18	^A 04/30/18	100%
11. B. 161 - C&M Maintenance Yard Carpenter Shop Remodel (2545200)	1029	Reeser, Kenneth	Completed	\$1,116,019	07/11/17	^A 07/11/17	07/11/17	^A 07/11/17	100%	07/20/17	^A 07/20/17	10/31/18	^A 10/31/18	100%
12. Harbor Administrative Building - Garage Doors Replacement (2545500)	1003	Koerber, Matt	Bid (Adv.) and Award	\$394,000	09/01/17	^A 09/01/17	03/14/18	^A 03/14/18	100%	01/03/19	01/22/19	07/05/19	07/05/19	0%
13. B. 161 - Equipment Operations Building Renovation (2545700)	1207	Reeser, Kenneth	Design	\$1,000,000	10/24/17	^A 10/24/17	02/01/19	02/01/19	99%	02/02/19	02/02/19	02/04/20	02/04/20	0%

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Start Projected	Baseline	Finish Projected		Baseline	Start Projected	Baseline	Finish Projected	
14. 272 South Fries Ave - Building Improvements (2545800)	1207	Reeser, Kenneth	Construction	\$800,000	09/02/17	^A 09/02/17	09/02/17	^A 09/02/17	N/A	12/17/17	^A 12/17/17	03/31/19	03/31/19	90%
15. 514 Pier A Street - Soils Lab Interior Upgrades (2546200)	1029	Reeser, Kenneth	Completed	\$73,994	09/16/17	^A 09/16/17	09/16/17	^A 09/16/17	N/A	12/10/17	^A 01/16/18	08/30/18	^A 09/17/18	100%
16. 514 Pier A Street - Soils Lab Elevator Modernization (2546400)	1029	Reeser, Kenneth	Construction	\$150,000	09/16/17	^A 09/16/17	09/16/17	^A 09/16/17	N/A	10/01/18	^A 10/15/18	03/01/19	02/28/19	5%
17. B. 161 - Warehouse Lighting Overhaul (2546800)	1029	Basha, George	Construction	\$170,000	10/15/17	^A 10/15/17	10/15/17	^A 10/15/17	N/A	11/19/17	^A 08/15/18	03/31/19	03/31/19	90%
18. Harbor Administration Building - Exterior Landscaping (2547000)	1003	Wooster, Carly	Construction	\$100,000	10/17/17	^A 10/17/17	11/22/17	^A 12/22/17	100%	11/27/17	^A 03/12/18	01/03/18	05/30/19	40%
19. Harbor Administration Building - 3rd Floor Conference Rooms Upgrades (2547300)	1003	Kuo, Rodger	Completed	\$33,415	11/02/17	^A 12/04/17	12/30/17	^A 01/31/18	100%	01/15/18	^A 02/16/18	04/30/18	^A 09/30/18	100%
20. B. 161 - Electrical Improvement Project - Phase 2 (2548700)	1207	Basha, George	Construction	\$395,000	04/07/18	^A 04/07/18	04/07/18	^A 04/07/18	N/A	06/10/18	^A 08/01/18	01/31/19	01/31/19	95%
21. Harbor Administration Building - Exterior Frame Repair (2549500)	1003	Posadas, John	Bid (Adv.) and Award	\$940,000	04/07/18	^A 04/07/18	11/30/18	^A 12/31/18	100%	01/01/19	02/01/19	09/30/19	09/30/19	0%
22. Pilot Boats Replacement (2549600)	1104	Flinn, David	Bid (Adv.) and Award	\$7,140,000	07/01/18	^A 07/01/18	12/01/18	^A 07/01/18	N/A	02/01/19	02/01/19	04/01/20	04/01/20	0%
23. B. 161 - HVAC/Sheet Metal Shop Reorganization (2549800)	1029	Smith, Charles	Construction	\$40,000	04/02/18	^A 04/02/18	04/02/18	^A 10/15/18	100%	07/01/18	^A 10/26/18	07/30/18	06/30/19	40%
24. B. 68 - Port Pilot Station 1st & 2nd Floor Office Space Reconfiguration (2550000)	1085	Macias, Emilio	Construction	\$39,800	02/28/18	^A 02/28/18	04/16/18	^A 06/15/18	100%	04/23/18	^A 06/22/18	05/22/18	01/31/19	80%
25. Pilot Boat Swing Propulsion (2550200)	1207	Orozco, David	Bid (Adv.) and Award	\$235,000	06/02/18	^A 06/02/18	06/02/18	^A 06/02/18	N/A	11/01/18	02/01/19	05/30/19	05/30/19	0%
26. B. 161 - C&M Yard Wi-Fi Expansion (2550300)	1029	Wooster, Andy	Construction	\$167,000	09/01/18	^A 12/14/18	11/30/18	^A 12/14/18	N/A	12/01/18	^A 12/15/18	06/30/19	06/30/19	5%
27. B. 68 - Port Pilot Station Fire Protection System (2550500)	1207	Hazelett, Phil	Completed	\$259,513	07/15/18	^A 07/15/18	07/21/18	^A 07/21/18	100%	07/22/18	^A 07/22/18	12/31/18	^A 11/01/18	100%
28. Harbor Administration Building - Patio Leak Repair - Phase III (2550700)	1003	Reeser, Kenneth	Construction	\$1,500,000	07/14/18	^A 07/14/18	07/14/18	^A 07/14/18	N/A	10/14/18	^A 10/14/18	01/31/20	01/31/20	5%
29. Harbor Administration Building - 2nd Floor Workspace Solutions (2551000)	1003	Asuncion, Tom	Bid (Adv.) and Award	\$320,000	04/01/18	^A 04/01/18	08/31/18	^A 09/30/18	100%	02/01/19	02/01/19	08/31/19	08/31/19	0%
30. Harbor Administration Building - 5th Floor Workspace Solutions (2551100)	1003	Kuo, Rodger	Bid (Adv.) and Award	\$1,833,500	04/01/18	^A 04/01/18	11/30/18	^A 11/30/18	100%	04/01/19	04/01/19	12/20/19	12/20/19	0%
31. B. 84 - Port Police Marine Office - Two Workstation Installation - Phase II (2551200)	1002	Asuncion, Tom	Construction	\$25,000	07/27/18	^A 07/27/18	08/17/18	^A 08/31/18	100%	08/23/18	^A 11/01/18	09/17/18	02/14/19	1%
32. Harbor Administration Building - Board Hearing Room and Executive Session Room Remodel (2551900)	1003	Low, Bryan	Planning	\$1,485,000	02/03/19	02/03/19	05/01/20	05/01/20	0%	11/03/20	11/03/20	11/03/21	11/03/21	0%
33. Liberty Plaza Parking Lot (2552000)	1003	Aziz, Sarah	Design	\$420,000	11/01/18	^A 11/01/18	08/31/19	08/31/19	5%	12/01/19	12/01/19	03/31/20	03/31/20	0%
34. B. 161 C&M Administration Building - Fall Protection System (2552200)	1029	Hazelett, Phil	Bid (Adv.) and Award	\$55,000	10/06/18	^A 10/06/18	10/06/18	^A 10/06/18	N/A	12/06/18	01/15/19	06/30/19	06/30/19	0%
35. Port of Los Angeles Police Headquarters - Air Conditioning Replacement (2552400)	1181	Smith, Charles	Design	\$1,335,000	01/01/19	^A 01/01/19	03/30/19	03/30/19	1%	07/02/19	07/02/19	01/31/20	01/31/20	0%

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					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
36. B. 161 - C&M Yard Mass Notification System (2553200)	1029	Hazelett, Phil	Construction	\$298,000	12/01/18	A 12/01/18	12/01/18	A 12/01/18	N/A	02/07/19	A 12/02/18	03/31/19	03/31/19	20%
37. 272 S. Fries Ave - Re-pipe Water Supply (2553800)	1002	Reeser, Kenneth	Bid (Adv.) and Award	\$94,000	12/31/18	A 12/31/18	12/31/18	A 12/31/18	N/A	01/31/19	01/31/19	05/31/19	05/31/19	0%
HARBOR DEPARTMENT FACILITIES TOTAL				\$39,765,626										
Miscellaneous Projects														
1. Badger Avenue Bridge Rehabilitation (2525000)	1002	SooHoo, Ken	Completed	\$2,036,000	04/19/14	A 04/19/14	02/24/16	A 02/24/16	100%	09/01/16	A 09/01/16	09/01/17	A 08/28/17	100%
2. B. 84 - Maritime Museum Wharf Rehabilitation (2526200)	1002	Becaria, Lily	Completed	\$2,428,466	06/27/14	A 06/27/14	01/29/16	A 01/29/16	100%	09/19/16	A 09/19/16	12/31/17	A 01/31/18	100%
3. 300 Water Street - Office Building Re-Roof and Cooling Tower Replacement (2528900)	1002	Reeser, Kenneth	Completed	\$940,500	07/10/14	A 07/10/14	07/10/14	A 07/10/14	N/A	03/12/18	A 03/12/18	12/31/18	A 12/31/18	100%
4. Ports O'Call - American Disability Act Compliant Restrooms (2531700)	1002	Grossi, Chris	Completed	\$1,321,567	11/26/14	A 11/26/14	08/30/15	A 08/30/15	100%	09/01/15	A 09/01/15	05/31/18	A 06/30/18	100%
5. B. 85 - Port Police Float System Replacement (2534900)	1002	Becaria, Lily	Planning	\$1,500,000	07/01/15	A 07/01/15	07/01/15	A 07/01/15	N/A	02/01/17	11/01/17	12/24/17	12/24/17	0%
6. B. 72 - Municipal Fish Market - Chiller Unit Electrical Replacement (2540300)	1002	Aboulhosn, Shawki	Completed	\$49,727	06/28/16	A 06/28/16	07/18/16	A 11/03/16	100%	08/02/16	A 01/24/17	08/31/16	A 10/04/18	100%
7. Badger Avenue Bridge Conley Joints Purchase (2541200)	1002	Smith, Charles	Closed	\$422,320	09/15/16	A 09/15/16	09/15/16	A 09/15/16	N/A	11/07/17	A 11/09/17	12/31/18	A 10/29/18	100%
8. Tri-Marine Fish Company Lighting Upgrade (2545000)	1002	Gabriel, Verdy	Closed	\$94,488	06/13/17	A 06/13/17	08/18/17	A 07/25/17	100%	10/02/17	A 10/02/17	11/30/17	A 04/30/18	100%
9. POLA Sidewalk Repair Program - Sidewalk within POLA Facilities (2546300)	1002	Castro, Christian	Construction	\$3,600,000	09/07/17	A 09/07/17	12/31/21	12/31/21	10%	12/01/17	A 06/05/18	06/30/22	06/30/22	5%
10. Cabrillo Way Marina - Water Leak Detection System (2546700)	1091	Hazelett, Phil	Completed	\$172,226	10/14/17	A 10/14/17	10/14/17	A 10/14/17	N/A	02/16/18	A 02/16/18	10/31/18	A 10/31/18	100%
11. B. 155A - Building Improvements (2547100)	1207	Reeser, Kenneth	Construction	\$2,003,575	04/21/18	A 04/21/18	04/21/18	A 04/21/18	N/A	04/22/18	A 04/22/18	12/31/19	12/31/19	45%
12. Vincent Thomas Bridge Air Gap Sensor Electrical Installation (2547600)	1002	Shimabukuro, Geraldine	Closed	\$41,528	12/03/17	A 12/03/17	12/03/17	A 12/03/17	N/A	12/04/17	A 12/04/17	07/01/18	A 05/30/18	100%
13. Cabrillo Way Marina - Electrical Service Meter Separation (2548100)	1091	Hoang, Dac	Construction	\$81,000	12/27/17	A 12/27/17	04/24/18	A 11/16/18	100%	04/26/18	A 11/19/18	07/24/18	02/16/19	15%
14. B. 94 - 147 - Underwharf Pipeline Hangers Replacement (2548500)	1207	Hazelett, Phil	Completed	\$750,000	01/12/18	A 01/12/18	01/12/18	A 01/12/18	N/A	02/23/18	A 02/23/18	10/31/18	A 11/30/18	100%
15. Warehouse No. 1 - Elevator No. 4 Door Replacement (2548600)	1002	Smith, Charles	Bid (Adv.) and Award	\$98,792	02/10/18	A 02/10/18	02/10/18	A 02/10/18	N/A	07/08/18	01/15/19	01/31/19	06/30/19	0%
16. 249 Cannery Street Building Demolition (2548800)	1002	Han, Edward	Design	\$1,378,000	07/01/18	A 07/16/18	12/31/18	01/31/19	80%	07/01/19	03/01/19	12/31/19	12/31/19	0%
17. Cabrillo Way Marina - Gazebo and Sidewalk Repair (2548900)	1091	Wooster, Carly	Completed	\$153,291	11/06/17	A 11/06/17	04/08/18	A 05/08/18	100%	04/10/18	A 05/09/18	02/28/19	A 08/29/18	100%
18. FY 18/19 CIP Deferred Maintenance Projects (2549100)	1207	Cardamone, Janie	Planning	\$747,000	07/01/18	A 07/01/18	06/30/19	06/30/19	N/A	07/01/18	A 07/01/18	06/30/19	06/30/19	N/A
19. B. 51 - Access Improvements (2549300)	1002	Matsumoto, Briella	Construction	\$191,600	05/02/18	A 05/02/18	06/30/18	A 07/30/18	100%	10/01/18	A 10/01/18	12/31/18	01/31/19	100%

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
20. B. 263 - Tri-Marine Driveway Paving (2550100)	1002	Brown, James	Completed	\$80,000	05/15/18	A 05/15/18	06/13/18	A 07/16/18	100%	07/14/18	A 08/16/18	11/10/18	A 12/21/18	100%
21. Badger Avenue Bridge Miter Joints Purchase (2550800)	1002	Smith, Charles	Bid (Adv.) and Award	\$313,200	07/12/18	A 07/12/18	07/12/18	A 07/12/18	N/A	11/01/18	02/01/19	12/31/19	12/31/19	0%
22. B. 95 - Catalina Channel Express - Parking Improvements (2550900)	1002	Harne, Melissa	Design	\$250,000	09/10/18	A 09/10/18	03/08/19	03/08/19	2%	07/07/19	07/07/19	11/03/19	11/03/19	0%
23. B. 46 - Potable Water Pier Heads Installation (2551500)	1002	Hazelett, Phil	Construction	\$180,000	09/15/18	A 09/15/18	09/15/18	A 09/15/18	N/A	12/01/18	A 12/01/18	02/28/19	02/28/19	2%
24. Pacific Maritime Association (PMA) Lashing Training Station Project (2551700)	1002	Brown, James	Construction	\$287,000	10/31/18	A 11/07/18	10/31/18	A 11/07/18	N/A	11/01/18	A 11/08/18	02/27/19	02/27/19	20%
25. Cabrillo Beach Floating Dock Replacement (2552700)	1207	Orozco, David	Bid (Adv.) and Award	\$450,000	11/17/18	A 11/17/18	11/17/18	A 11/17/18	N/A	03/01/19	03/01/19	06/30/19	06/30/19	0%
26. B. 46 - 72 - Underwharf Pipeline Hangers Replacement (2553300)	1002	Hazelett, Phil	Planning	\$250,000	02/01/19	02/01/19	02/28/19	02/28/19	N/A	06/01/19	06/01/19	12/31/19	12/31/19	0%
27. 801 Reeves Ave - Fire Alarm Panel Replacement (2553500)	1002	Hazelett, Phil	Bid (Adv.) and Award	\$39,000	12/01/18	A 12/01/18	12/01/18	A 12/01/18	N/A	01/31/19	01/31/19	03/31/19	03/31/19	0%
28. B. 73 - Fender Pile Replacement and Camel Log Placement (2553700)	1002	Orozco, David	Construction	\$1,560,000	12/13/18	A 12/13/18	12/14/18	A 12/14/18	N/A	12/31/18	A 12/31/18	06/30/19	06/30/19	5%
MISCELLANEOUS PROJECTS TOTAL				\$21,419,279										
Unallocated Capital Improvement Program Fund														
1. Unallocated Capital Improvement Program Fund (190000)		Cardamone, Janie	Future	\$295,260,000	01/00/00	07/01/28	01/00/00	07/01/28	N/A	01/00/00	07/01/28	01/00/00	07/01/28	N/A
UNALLOCATED CAPITAL IMPROVEMENT PROGRAM FUND TOTAL				\$295,260,000										
MARITIME SERVICES TOTAL				\$356,444,905										
CIP TOTAL COST				\$2,027,309,557										

EXHIBIT “B”

SCOPE OF WORK

I. Detailed Scope of Services

Harbor Department Engineering Guidelines: Consultant acknowledges receipt, review and understanding of the City's Harbor Department's "Engineering Design Guidelines," and "CAD Manual" ("Guidelines") and shall perform this Scope of Work in accordance with Guidelines.

Task 1 - Project Management and Coordination

Consultant shall provide state-of-the-art project management services throughout the term of the Agreement. This project management effort shall be provided for the following processes: Project initiation, Project planning and scheduling, Project controls, Project execution, and Project administration and closing. Consultant shall deal with issues, including, but not limited to, Project integration, Project scope development, Project management, cost management, quality assurance and control issues, staffing requirements, Project communications, and Project risk management.

Consultant shall initiate, plan, execute, direct, control, and administer the Project by effectively organizing, staffing, directing, integrating, and coordinating the required Project Tasks and Subtasks. These services shall be performed in a professional fashion as per current project management principals, guidelines, and standards promoted by recognized project management organizations and institutions. This task includes the following:

Task 1.A - Project Management Plan

Consultant shall provide a detailed project management plan (PMP) including information on coordination with appropriate agencies to ensure timely completion of the Plans, Specifications (using SpecLink software and submitted in SpecLink format), Estimates (PS&E) packages. This plan shall include a schedule for milestone completion and an hourly breakdown for each task and subtask. The PMP shall be delivered within 30 days of the first Notice to Proceed issued under the Agreement.

Task 1.A - Deliverables

Consultant shall produce the original work product and ten copies or exact reproductions thereof of all deliverables submitted to the City. Deliverables may include, but are not limited to, drawings and/or plans, specifications, estimates, reports, records, reference material, data, charts, documents, renderings, computations, computer tapes or disks, and other items of any type whatsoever, whether in the form of writing, figures, delineation or electronic data prepared or compiled in connection with this Agreement.

1. Drawings produced by Consultant shall conform to the best standards of the profession in which the generator of the drawings practices. Information shall be organized in a logical, systematic manner, using the necessary number of drawings required to maintain clarity and completeness. Drawings and specifications shall fully delineate the work to be done and materials required. Dimensions, diagrams, descriptions, cross sections, and details shall demonstrate adequacy of design for review, permitting, bidding, and construction.
2. Reports shall be prepared on a word processor and hard copy submittals shall be on 8-1/2" X 11" size white paper unless otherwise approved by Engineer. Specifications shall be prepared using SpecLink software and submitted in SpecLink format. Specification hard copy submittals shall be on 8-1/2" X 11" size white paper unless otherwise approved by Engineer. Submittals shall be bound, except any final submittal intended solely for reproduction by City shall be unbound. Pages shall be numbered in the lower margin. Reports shall include a title page and table of contents with lists of exhibits, plates and appendices. Information shall be presented in a clear, logical, and organized manner which will facilitate review by the reader. Reports and studies shall be submitted in draft or preliminary form for review prior to the final submittal. Specifications shall be prepared in conformance with the format of the Construction Specifications Institute, unless Engineer otherwise directs.
3. Unless otherwise directed in writing, Consultant shall submit all deliverables, such as reports, drawings, specifications, designs, calculations, schedules and all work necessary to produce its deliverables, in an electronic format (AutoCad and/or PDF) acceptable to Engineer in addition to the hard copies. Consultant shall assure at the start of Project that its proposed method of electronic submittal to City is consistent with City's computer hardware, networking and software systems, including layering of information and the attachment of data files to the drawings. Pertinent data gathered during the course of the work will be entered into an electronic database (if required) acceptable to Engineer. In conjunction with the submittal of computer-generated calculations, Consultant shall document the appropriateness of the selected software to the task and clearly describe the input/output and default elements of the software and their relation to the Project.
4. Unless Engineer otherwise directs in writing, the drawings are to be electronically generated on a CAD (Computer Aided Drafting) system equal to or compatible by translation with the City's AutoCAD system. To enable drawing elements to be manipulated and translations to be efficient, all CAD-generated drawings shall be developed as dimensionally and geometrically precise models (to three decimal places) of the work depicted. For a CAD system other than AutoCAD, a translated representative sample (one sheet minimum of each discipline) must be included with each submittal. Consultant shall conform to the drafting standards, layering and symbology of City. Consultant will be apprised by City of its layering and symbology requirements prior to the start of work.

5. Signature and record drawing submittals shall be in electronic format as approved by Engineer as well as the original reproducible vellum. Each original drawing sheet shall be stamped and signed by an engineer or architect appropriately licensed to practice in the State of California.

Task 1.B - Suitability of Work and Consultant Cooperation

Consultant shall furnish, in accordance with the agreed upon schedule, a complete, practical, economical design, plans, specifications, and estimates (if such plans and specifications are within the scope of Consultant's work), and related corrections and changes which are best suited for the contemplated construction, and ensure all work is completed in accordance with this Agreement and with sound engineering principles and is signed and sealed by a licensed Professional Engineer and/or Architect, as appropriate. Consultant shall, upon request of the Engineer, provide all calculations, data, charts, and other information of any type whatsoever which support its designs or other work performed pursuant to this Agreement. Consultant may not assert as a basis for refusing to provide such information that it is proprietary. Consultant shall satisfy Engineer that design decisions are based on objective evaluation of the requirements of the facility owner and user, meet site-specific conditions, comply with Project construction cost budget, and minimize long-term operation and maintenance costs. Consultant is aware and agrees that the City has the right to submit the Consultant's work product to independent design reviewers. Consultant agrees to fully cooperate with such reviewers if City determines review is appropriate. Consultant's obligation to cooperate shall include the obligation to respond in an objective professional manner to requests for information, and, if expressly requested by Engineer, to enter into a dialogue with the reviewer regarding the comments of the reviewer on the work

Task 1.C - Quality Assurance/Quality Control Plan

In conjunction with the PMP, the Consultant shall also prepare a quality assurance/quality control plan (QA/QC Plan) for the Project, within 30 days of issuance of the first Notice to Proceed under this Agreement. The QA/QC Plan shall be prepared in accordance with minimum requirements of City's Harbor Department, recognized professional standards, and shall identify procedures for reviewing and checking computations, design drawings and other submittals specific to the design phase for both Consultant and Subconsultants. The plan shall also identify roles and responsibilities for implementing and monitoring quality control and quality assurance. As part of the Consultant's QA/QC Plan, Consultant Senior Staff shall perform independent review of all documents for completeness, technical accuracy, and coordination and code compliance at the end of each work phase prior to submittal of deliverables to Engineer.

Task 1.D - Prepare Project Schedule

Consultant shall develop a computerized critical path method schedule (CPM Schedule) using Microsoft Project. This schedule shall be created in close coordination with the Engineer or Engineer's designee. The initial schedule shall be submitted 30 days after the issuance of the first Notice to Proceed under this Agreement. The schedule shall initially focus on design phase activities, including significant milestones, permits, utility coordination and related Tasks, to allow for effective planning, monitoring and reporting throughout the Project. It shall combine activities related to cost, planning and design,

reviews, delivery, and approvals and shall provide uniform guidance for planning, scheduling, budgeting, and coordination efforts. Updates to the schedule should coincide with the monthly Project Development Team (PDT) Meeting, where reporting shall take place.

Task 1.E - Monthly Progress Status Reports and Schedule Updates

Consultant shall prepare monthly progress reports that include an update to the key milestone delivery schedule and percent completion of each task worked on during that period. Consultant shall maintain the CPM Schedule. The schedule will be reviewed in close coordination with Engineer. Each month a schedule shall be issued for Project progress meetings and other public meetings where Project status and the schedule may be an agenda item. The CPM Schedule shall also be updated each month to show progress.

Task 1.F - Project Development Team (PDT) Meetings

Consultant shall attend monthly PDT meetings with Project stakeholders throughout the term of this Agreement. Consultant's Project Manager shall attend each meeting. It is anticipated that various other members of the Project team, including Subconsultants, shall attend the meetings, as needed. Consultant shall prepare an agenda and distribute meeting minutes, as well as track design contract action items. Monthly progress reports shall be presented and discussed at this meeting.

Task 1.G - Subconsultant Administration

Consultant shall administer all Subconsultants on this Project. All Subconsultant requests for information, questions, clarifications, and invoices shall be processed through the Consultant.

Task 1.H - Meetings, Permits, and Utility Coordination

Consultant shall attend meetings, conferences, hearings and provide drawings, applications and exhibits necessary to obtain all required approvals, plan checks, permits, variances and utility services/modifications for the Project. Consultant shall determine regulatory agency approvals, plan checks, permits and variances necessary for Project's design and construction unless the Engineer otherwise directs in writing. Consultant shall prepare and deliver to Engineer, for review and comment, minutes of all meetings attended within three (3) working days after the meeting, whether or not City is represented at said meetings, if the subject of such meeting is material to design of Project or if Engineer requests such meeting minutes.

NOTE: Project Management and Coordination services and costs are included within all major scope of services Tasks (Tasks 2.0 – 10.0) and so are not broken out separately as Task 1.0.

Task 2 - Geotechnical Engineering Services

Consultant will investigate the soil and subsurface conditions at the project site, and provide geotechnical recommendations for design of the project. The geotechnical work shall include, but not necessarily be limited to the following:

A. Review and Analysis of Existing Information:

1. Collect and review existing geotechnical reports, boring logs and other geotechnical information from adjacent and nearby projects, as well as from previously performed geotechnical work in the Project area.
2. Review and represent the site geology on plan, section, and profiles. Summarize soil parameters as presented in existing data.
3. Inspect site to determine existing site conditions.

B. Field Investigation:

1. Following review of available geotechnical information, Consultant shall develop a geotechnical work plan, including determination of the number of borings, cone penetration tests (CPT) or other data acquisition and testing required for design of the Project.
2. Submit a boring plan indicating the location and depths of all borings and CPTs for approval by Engineer prior to sampling. Boring plan shall indicate substructures in the vicinity of the proposed borings.
3. Detailed planning of field investigation:
 - a. Arrange for and schedule drillers.
 - b. Make preparations for sample handling, transportation, and testing.
 - c. Locate test borings.
 - d. Locate utilities and other onsite interferences and mark location on the ground.
 - e. Obtain necessary permits.
 - f. Schedule field staff.
4. Perform borings and other fieldwork as necessary for the surface and subsurface investigation. As initial surface and subsurface investigation is accomplished and data is reviewed, Consultant shall adjust boring depths, locations, and number of borings and CPTs using prudent engineering judgment and considering subsurface conditions and project requirements and as approved by Engineer. CPT data shall be obtained during borings.
5. Borings in uncontaminated areas shall be backfilled with soil cuttings except CPTs will not be backfilled. Borings and CPTs in contaminated

areas shall be backfilled with grout. Contaminated drilling spoils shall be left on-site in drums for disposal by others.

C. Laboratory Testing:

1. Perform laboratory testing to include, but not necessarily be limited to the following:
 - a. Index testing:
 - i. Moisture content/dry density
 - ii. Specific gravity
 - iii. Atterberg limits
 - iv. Sand equivalent
 - v. Sieve analysis
 - vi. Resistivity
 - b. Consolidation tests with time plot.
 - c. Soil Strength tests:
 - i. Triaxial compression
 - ii. Direct shear
 - iii. Standard penetration test
 - d. R-value or CBR tests.
 - e. Compaction tests.
 - f. Chemical analysis:
 - i. pH
 - ii. sulfates
 - iii. chlorides

D. Prepare Soil Data Report:

1. Prepare narrative summary of the site soil conditions and soil parameters as developed from review of existing data, borings, and laboratory testing.
2. Prepare and draft boring logs using GINT program.
3. Prepare site soil plan, profile, and cross sections.
4. Prepare data report.

E. Geotechnical Analysis:

The geotechnical analysis shall be based on both the currently available geotechnical site information and the results of the new field investigation. The following items shall be addressed by the geotechnical analysis:

1. Provide seismic design requirements and recommendations based on Los Angeles Building Code criteria and considering the significance of the Palos Verdes Fault.
2. Foundation Analysis:
 - a. Develop recommendations for the foundations and/or bedding of structures, including retaining walls, vaults, storm drains and light poles considering local site conditions and recommended seismic requirements.
 - b. Prepare technical report.
3. Pavement Design:
 - a. Develop pavement section for roadway improvements based on adjoining property usage.
 - b. Provide R-values and CBRs of sub-grade for pavement design.
 - c. Prepare technical report.
4. General Grading:
 - a. Provide analyses and recommendations for the following:
 - i. Trench excavation, backfill and shoring
 - ii. Site grading, fill placement and compaction
 - iii. Subgrade preparation for foundations and footings of structures
 - iv. Bedding requirements for utilities and substructures
 - v. Dewatering
5. Corrosive Potential:
 - a. Determine soil corrosion potential and recommend protective measures for utilities and substructures.

F. Final and Draft reports:

The findings, conclusions and recommendations shall be discussed with City as they are developed. Upon completion of the work, Consultant shall submit five copies of the draft report containing the findings, conclusions and recommendations together with the supporting field and laboratory data for review by City. Consultant shall review and address City's comments, and submit ten copies of the final report to City.

G. Plans, Specifications, and Estimates Review:

Consult with designers during Preliminary and Final Designs as necessary to implement recommendations and review project plans, specifications and estimates for conformance with geotechnical recommendations.

Task 2 – Deliverables

- Meeting minutes
- Boring plan
- Obtain necessary permits
- Soil data reports
- Draft and final geotechnical reports

Task 3 - Conceptual Study and Report Phase

After issuance of the first written Notice to Proceed under this Agreement, Consultant shall perform Conceptual Study and Report for the Project. That work shall include but not necessarily be limited to the following:

- A. Visit the site and become familiar with the Project area;
- B. Review available survey, coordinate control information and record plans and use this material to establish site boundaries, locations of existing facilities, utilities (including utilities below grade) and existing grades. Provide a list of additional surveys required, which will be performed by the City's survey forces;
- C. Identify and analyze permits, approvals and requirements of local, state, and federal regulatory agencies, and coordinate with them as necessary for conformance with their requirements, rules and regulations;
- D. Coordinate work with adjacent projects, facilities and improvement;
- E. Develop detailed project design criteria and identify critical issues, opportunities and constraints. Prepare Design Criteria Manual to incorporate results of this work; and
- F. Prepare a report and documentation package presenting the results of the two (2) conceptual studies to clearly present the considerations involved and the alternative solutions available setting forth Consultant's findings, evaluations and recommendations. Document and recommend one preferred plan that best achieves the project design criteria.

Task 3 – Deliverables

- Preliminary Conceptual Study (Design Criteria Manual)
- Final Conceptual Study report
- Architectural exhibits/artist renderings
- Preliminary architectural plans
- Landscaping exhibit(s)
- Mechanical/electrical/ exhibit(s)
- Grading and surfacing exhibit(s)
- Utility and substructure exhibit(s)
- Construction phasing
- Refined design imagery
- Preliminary project construction cost estimates
- Preliminary project design and construction schedules

Task 4 - Preliminary Design Phase (40% Construction Plans)

- A. Upon completion of the conceptual study and report phase, selection of a preferred alternative by City, and issuance of a written Notice to Proceed from the Engineer, or written provisional Notice to Proceed with individual elements, Consultant shall perform the preliminary (40%) design.
- B. Plans shall include typical sections and details and illustrate the architectural, civil, structural, electrical and mechanical design aspects in sufficient detail to cover all matters, which will materially affect the essential features and cost of the Project.
- C. The preliminary design submittal shall include, but not necessarily be limited to, the following for all facilities:
 - 1. Architectural Plans
 - 2. Site plan showing coordination and relationships with overall site development
 - 3. Construction phasing plan
 - 4. Removal plan
 - 5. Substructure plan
 - 6. Civil design
 - 7. Structural design
 - 8. Mechanical/HVAC Design
 - 9. Plumbing design
 - 10. Electrical design
 - 11. Storm drain plans and details
 - 12. Landscape and hardscape design
 - 13. Striping and signage plan
 - 14. Utility plan

15. Site/Area lighting plan
16. Rail plan
17. Outline specifications for each discipline of work
18. Updated project cost estimate and schedule
19. Utility demand estimates
20. Perform all appropriate code coordination and review with applicable local, state, and federal agencies

Task 4 – Deliverables

Deliverables from this phase will provide a general overview of the entire proposed development not necessarily attempting to group the plans by anticipated construction contract sets. The deliverables will include:

- Preliminary architectural plans
- Preliminary site plan
- Preliminary construction phasing plans
- Preliminary removal plan
- Preliminary substructure plan
- Preliminary civil plans
- Preliminary structural plans
- Preliminary mechanical/electrical/plumbing plans
- Preliminary utility plans
- Preliminary landscape and hardscape plan
- Preliminary signing & striping plans
- Preliminary site/area lighting plans
- Preliminary rail plans
- Preliminary construction cost estimate
- Preliminary construction schedule
- Associated reports and analysis work
- Outline of specifications

Task 5 - Eighty-percent Construction Documents (80% DESIGN)

- A. Upon issuance of written Notice(s) to Proceed from the Engineer, proceed with 80% design of Project. This procedure is the same for the Final design.
- B. Preparation of plans, specifications, and estimates in sufficient detail to provide the information necessary for competitive construction contract bidding for Project.
- C. Permits and approvals:
 1. Perform all appropriate code coordination and review with all applicable local, state, and federal agencies.

2. Consultant shall complete applications, including necessary documentation, to obtain all permits and approvals for Project other than those that are required to be obtained by contractor(s). These applications shall be submitted to Engineer for review and approval prior to filing with appropriate agencies.
3. Permits/approvals for this project include but are not necessarily limited to the following:
 - a. City of Los Angeles, Department of Building and Safety
 - b. City of Los Angeles Department of Public Works
 - d. City of Los Angeles Fire Department
 - e. Federal Railroad Administration
 - f. California Public Utilities Commission
4. Changes in the plans, specifications, and estimates, including any changes required by a change in rules, regulations, or laws required to obtain final approval from said agencies shall be made by Consultant.
5. Consultant shall determine and obtain any other permits required by the local, state, and federal agencies for Project.

Task 5 – Deliverables

An 80% version of the following, grouped by contract set, will be provided to the City at the end of this design phase.

- Architectural plans
- Site plan
- Construction phasing plan
- Removal plan
- Substructure plan
- Civil plans
- Structural plans
- Preliminary mechanical/electrical/plumbing plans
- Utility composite plan
- Landscape and hardscape plans
- Signage and striping plans
- Site/area lighting plans
- Rail plans
- Updated construction estimates
- Updated construction schedule
- Associated reports and analysis work

- Calculations
- Specifications

Task 6 - Final Design Documents (100% DESIGN)

- Upon issuance of a written Notice to Proceed from the Engineer, or written provisional Notice to Proceed with individual elements, Consultant shall prepare the Final Design submittal and respond to and incorporate all comments received from the City and City Department of Building and Safety.
- Plans, specifications, and estimates shall be stamped and signed by an architect or engineer appropriately licensed to practice in the State of California.
- Submit to Engineer all construction quantities as well as structural, civil, electrical, mechanical, and any other calculations used in the design of the Project.
- Submit a detailed estimate of the cost based on the bid items and provide a Class "A" estimate.
- Submit a proposed construction schedule in sufficient detail for use by Engineer in evaluating the adequacy of contractor's scheduling submittal.

Task 6 - Deliverables

Final versions of the following contract sets consisting of plans, specifications and estimates are anticipated:

- Architectural plans
- Site plans
- Construction phasing plan
- Removal plan
- Substructure plan
- Civil plans
- Structural plans
- Mechanical/electrical/plumbing plans
- Utility composite plan
- Landscape and hardscape plans
- Signage and striping plans
- Site/area lighting plan
- Rail plans
- Updated construction estimates
- Updated construction schedules
- Associated reports and analysis work

- Calculations
- Specifications

Task 7 - Signature Submittal

- Following review and incorporation of comments of Engineer, original plans, specifications, and estimates, stamped and signed by an engineer or architect appropriately licensed to practice in the State of California, shall be submitted for signature by Engineer.
- The original drawings and two vellums drawings, electronic CAD files, unbound original specification, and two copies of final cost estimate and schedule shall be submitted.
- Submit to Engineer all final construction quantities as well as structural, civil, electrical, mechanical, and any other calculations used in the design of the Project.

Task 7 – Deliverables

- Original drawings
- Unbound original specifications
- Final cost estimate
- Final schedule
- Final quantities and calculations

Task 8 - Bidding Phase

Consultant will provide assistance to the City during the contract(s) advertising and award process to include the following:

- Assistance in pre-qualifying potential bidders
- Attendance at pre-bid meetings
- Reviewing and providing responses to bidder inquiries
- Preparing and issuing addendums as needed.
- Assistance in reviewing bids

Task 9 - Design Services during Construction

Consultant shall provide the following services in support of the City on-site construction management efforts.

A. Office Engineering:

1. Check detailed construction drawings, submittals, shop and erection drawings, and substitutions submitted by the project contractor for compliance with permits and plans, specifications, and estimates.
2. Review specific non-routing laboratory, shop, and mill test reports of materials and equipment as directed by the City.
3. Address requests for information ("RFI's") from the project contractor and Building and Safety inspectors.
4. Prepare record (as-built) drawings on original plans as per the data supplied by the Project contractor via the City's construction manager.

B. Field Engineering:

1. Make periodic visits to the site to observe the work in progress and provide appropriate reports, including attendance at selected weekly progress meetings.
2. Observe and report to the City on any performance test required by the plans and specifications.
3. Attend final inspections of project's completed construction contracts.

C. Structural Observation:

Consultant shall provide qualified personnel for observation of structural systems, for general conformance to the approved plans and specifications in conformance with all applicable codes.

This task includes a limited number of field trips at significant construction stages and at completion of the structural system. The structural systems include the lateral and/or gravity of load paths.

Task 9 - Deliverables

- Responses to RFIs
- Field reports and "punch lists"
- Reviewed shop drawings and submittals

Task 10 - Additional Design Services

The work includes, but is not limited to, technical studies, analysis, conceptual –final designs, and other engineering services as directed by the Engineer that relate to the Project.

KA/LMR:
Ex B – Scope of Work
8439SOW

EXHIBIT C

Form of Directive

Date _____

(Consultant)
(Consultant Address)
(City, State, Zip Code)

Attn: (Project Manager)

SUBJECT: DIRECTIVE NO. _____
PROJECT TITLE _____
AGREEMENT NO. _____

Pursuant to Section 2.2(a) of the subject Agreement No. _____, after receipt of a written Notice to Proceed signed by the Chief Harbor Engineer of the Construction Division, Consultant shall proceed with the following:

Task	Services	Authorized Amount
1	_____	\$_____ (Lump Sum)
2	_____	\$_____ (Not to Exceed)

Consultant shall provide all required tasks, services, and deliverables in accordance with Exhibit "A" to Agreement No. _____.

Consultant shall complete the work within ____ calendar days from the transmittal of a written Notice to Proceed.

When invoicing for the services covered by this Directive, please identify fees for this Directive as follows:

LAHD EWO No. _____	LAHD Job No. _____
LAHD Center No. _____	LAHD Program No. _____
LAHD Account No. _____	

Consultant shall undertake the following MBE/WBE/SBE/DVBE/OBE utilization in connection with its performance of this Directive:

MBE XX%, WBE XX%, SBE XX%, DVBE XX%, OBE XX%, VSBE XX%

Consultant acknowledges that the terms and conditions of Agreement No. _____ govern this Directive and that its signature below reflects its agreement with the terms and conditions of this Directive.

Please sign both original copies of this Directive. Retain one original for your files and return the other executed copy to this office immediately.

If you have any questions, please contact _____ at (310) 732-_____.

Sincerely,

Dave Walsh
Chief Harbor Engineer
Engineering Division

ACCEPTED:

APPROVED:

(Consultant Name)
Consultant

ANTONIO V. GIOIELLO
Deputy Executive Director

Date: _____

Date: _____

Exhibit "D"

Form of Notice to Proceed

(Date)

(Consultant)
(Consultant Address)
(City, State, Zip)

Attention: (Project Manager)

Subject: Notice to Proceed – Directive No. _____
Agreement No. _____
(Project Name)

This is to notify and direct you to commence performance of the subject Directive.
Enclosed is your set of the executed Directive documents.

If you have any questions, please contact _____ at (310) 732-_____.

Very truly yours,

Dave Walsh
Chief Harbor Engineer

Enclosure: Directive No. _____

EXHIBIT E

COMPENSATION

For those items of the Scope of Work for which compensation is payable in fixed fee amounts, payment to the Consultant shall be made in accordance with the compensation schedule as set forth in the project directive, and the percentage of completion of each phase of the Scope of Work, as determined and approved by the Engineer and based upon monthly progress reports submitted by the Consultant. Monthly progress payments shall be equal to the percentage of completion of each phase multiplied by the fixed fee payable for completion of each phase, less amounts previously billed.

For those items of the Scope of Work for which compensation is payable in not-to-exceed amounts, the Consultant shall be paid an hourly fee as defined in Section 5.2 of this Agreement, at the rates set forth in Exhibit "F" and in accordance with the compensation schedule as set forth in the Directive. The Consultant's monthly invoice shall itemize all hours actually worked in performing such services, identifying the personnel and sub-consultant classifications of individuals performing the Directive, and the applicable hourly rates, according to Exhibit "F."

Compensable amounts set forth on (i) an hourly basis, or (ii) on the basis of an estimated Fixed Fee subject to a not-to-exceed maximum, are estimated only. In the event that all necessary services required in any category described above are, in the judgment of the Engineer, fully performed by Consultant at a cost to City which is less than the amounts estimated and authorized hereunder, Engineer may apply the unexpended balance to compensate Consultant for services in any other category for which compensation was underestimated on either of these bases.

A 5% (five percent) mark-up payable to the prime Consultant shall be allowed for work performed by listed Subconsultants. This mark-up shall be considered payment in full for all necessary work performed by the listed Subconsultants.

EXHIBIT F

AECOM

Port of Los Angeles |

HOURLY BILLING RATES

AECOM

Classification	Home Office Hourly Rates
Principal/Project Manager	\$275.00
Department Manager/Technical Manager	\$220.00
Project Engineer II	\$195.00
Project Engineer I	\$175.00
Engineer IV	\$155.00
Engineer III	\$144.00
Engineer II	\$133.00
Engineer I	\$122.00
Engineer	\$106.00
CADD III	\$138.00
CADD II	\$117.00
CADD I	\$95.00
Contract Admin	\$132.00
Project Admin	\$88.00

EXHIBIT F

AECOM

Port of Los Angeles |

BOA Architecture

Classification	Home Office Hourly Rates
Structural Engineer	\$150.00
Mechanical Engineer	\$150.00
Electrical Engineer	\$150.00
Civil Engineer	\$150.00
Principal Architect	\$160.00
Project Manager/Architect	\$150.00
Project Designer	\$125.00
Senior Designer	\$110.00
Senior Technical	\$100.00
Draftsman/AutoCAD Operator	\$95.00
Other Technical Staff	\$85.00
Clerical Staff	\$70.00

Bermello, Ajamil & Partners

Classification	Home Office Hourly Rates
Principal	\$315.00
Senior Project Manager	\$250.00
Project Manager	\$225.00
Senior Architect	\$200.00
Senior Planner/LA	\$200.00
Senior Engineer	\$200.00
Architect	\$130.00
Planner	\$130.00
Engineer	\$130.00
Interior Designer	\$130.00
Estimator (QS)	\$130.00
Landscape Architect	\$130.00
Inspector	\$103.95
Senior CADD Technician	\$94.50
CADD Technician	\$75.60
Specification Writer	\$94.50
Clerical	\$63.00

Cardno

Classification	Home Office Hourly Rates	Prevailing Wage
Senior Project Manager	\$205.00	-
Project Engineer	\$175.00	-
Project Manager	\$145.00	-
Geologist	\$145.00	-
SUE Manager	\$125.00	-
SUE Supervisor	\$90.00 (OT \$135.00)	\$120.00 (OT \$160.00)

Classification	Home Office Hourly Rates	Prevailing Wage
SUE Technician III	\$80.00 (OT \$120.00)	\$120.00 (OT \$160.00)
SUE Technician II	\$75.00 (OT \$112.50)	\$120.00 (OT \$160.00)
SUE Technician I	\$65.00 (OT \$97.50)	\$120.00 (OT \$160.00)
CADD Technician	\$85.00 (OT \$127.50)	-
Administrative Support	\$75.00 (OT \$112.50)	-
PACA	\$95.00 (OT \$142.50)	-
Pothole Under Natural Ground	\$600.00 (OT \$685.00)	\$690.00 (OT \$780.00)
Pothole Under Paving/Concrete	\$700.00 (OT \$800.00)	\$820.00 (OT \$940.00)
Pothole Exceeding 6.99 feet in Depth	\$105.00 (OT \$125.00)	\$125.00 (OT \$145.00)
Vacuum Excavation Truck, Crew and Equipment	\$330.00 (OT \$390.00)	\$395.00 (OT \$475.00)
Utility Designating & Investigation Underground	\$0.90/foot (OT \$1.17/foot)	\$1.15/foot (OT \$1.40/foot)
Utility Designating & Investigation Overhead	\$0.45 (OT \$0.58)	\$0.58/foot (OT \$0.70/foot)
Utility Designating 2 Man Crew and Equipment	\$270.00 (OT \$335.00)	\$325.00 (OT \$375.00)
Utility Designating 1 Man Crew and Equipment	\$195.00 (OT \$215.00)	\$215.00 (OT \$235.00)
Concrete/Asphalt Coring	\$165.00 (OT \$205.00)	\$205.00 (OT \$225.00)
Mobilization: Vac-Truck & Crew	\$3.85/mile (OT \$5.20/mile)	\$5.50/mile (OT \$6.84/mile)
Mobilization: Designating or Survey Truck & Crew	\$2.63 (OT \$3.55)	\$4.04/mile (OT \$5.19/mile)
Per Diem	GSA rates	-
Encroachment & Traffic Permits	Actual cost	-
Subcontractors	Cost plus 10%	-
Miscellaneous Expenses	Cost plus 10%	-

Earth Mechanics

Classification	Home Office Hourly Rates
Principal/Senior Consultant	\$272.85
Principal Engineer/Geologist	\$238.44
Senior Engineer/Geologist	\$200.79
Senior Project Engineer/Geologist	\$166.28
Project Engineer/Geologist	\$153.73

EXHIBIT F

AECOM

Port of Los Angeles | Construction Services

Classification	Home Office Hourly Rates
Senior Staff Engineer/Geologist	\$119.22
Staff Engineer/Geologist	\$106.67
Senior Technician	\$131.77
Technician	\$62.75
Clerical	\$109.81

Gahagan & Bryant Associates

Classification	Home Office Hourly Rates
Principal	\$273.00
Sr. Associate	\$232.00
Associate	\$190.00
Sr. Engineer/ Scientist	\$147.00
Engineer II/ Scientist II	\$113.00
Engineer I/ Scientist I	\$96.00
Sr. Technician	\$106.00
Technician II	\$92.00
Technician I	\$72.00
Administrative	\$76.00
Other Direct Costs	(All at 0% markup)
Survey Systems:	
Single Beam Survey System	\$3,000/day
Multi Beam Survey System	\$3,400/day
Side Scan Syst. (additive to SB/MB Syst.)	\$1,360/day
RTK Survey System	\$100/day
Office Data Processing Systems:	
Single Beam Survey System	\$40/day
Multi Beam Survey System	\$50/day
Side Scan Syst. (additive to SB/MB Syst.)	\$300/day

Integrated Engineering Management

Classification	Home Office Hourly Rates
Principal	\$240.00
Project Manager III	\$195.00
Project Manager II	\$185.00
Project Manager I	\$175.00
Construction Mgr III/Resident Engineer III	\$195.00
Construction Manager II/Resident Engineer II	\$185.00
Construction Manager I/Resident Engineer II	\$175.00
Project Engineer III	\$165.00

Classification	Home Office Hourly Rates
Project Engineer II	\$155.00
Project Engineer I	\$145.00
Associate Engineer/Office Engineer	\$140.00
Cost Estimator III/Scheduler III	\$195.00
Cost Estimator II/Scheduler II	\$185.00
Inspector III	\$165.00
Inspector II	\$155.00
Inspector I	\$145.00
Document Control Specialist	\$110.00
Project Assistant	\$100.00
Clerical	\$85.00

Liftech

Classification	Home Office Hourly Rates
Senior Principal/Senior Structural Engineer	\$290.00
Principal/Senior Structural Engineer	\$245.00
Principal/Structural Engineer	\$205.00
Project Engineer	\$185.00
Senior Structural Drafter	\$145.00
Project Controls	\$125.00
Technical Support	\$115.00

MBI Media

Classification	Home Office Hourly Rates
Principal in Charge	\$183.74
Senior Project Manager	\$140.98
Construction Relations Representative	\$106.98
Resource Project Manager	\$105.54
Project Manager	\$101.38
Deputy Project Manager	\$88.70
Account Coordinator II	\$72.86
Account Coordinator I	\$57.02
Sr. Graphic Designer	\$110.88
Sr. Web Designer	\$110.88
Deputy Graphic/Web Designer	\$57.02
Social Media Specialist	\$72.86
Photographer	\$105.34
Photo Assistant	\$57.02
Library Administrator	\$66.53

EXHIBIT F

AECOM

Port of Los Angeles | Civil Engineering Services

Classification	Home Office Hourly Rates
Media Production	\$105.34
Camera Operator	\$129.89
Production Assistant	\$66.53
Editor	\$110.88
Administrative Support	\$57.02
Copy/Technical Writer, QA QC	\$72.86
Translator/Interpreter	\$101.38

NS Structural Engineers

Classification	Home Office Hourly Rates
Senior Structural Engineer	\$180.00

Professional Construction Cost Consultants

Classification	Home Office Hourly Rates
Estimator	\$115.00

Port Design Partners

Classification	Home Office Hourly Rates
Principal	\$269.00
Senior Project Manager	\$251.00
Project Manager III	\$233.00
Project Manager II	\$220.00
Project Manager I	\$206.00
Senior Project Engineer	\$189.00
Project Engineer	\$180.00
Project Designer III	\$135.00
Project Designer II	\$117.00
Project Designer I	\$103.00
CAD Technician III	\$117.00
CAD Technician II	\$108.00
CAD Technician I	\$81.00
Contract Administrator	\$81.00
Project Administrator	\$90.00
Senior Project Assistant	\$76.00

Pacific Railway Enterprise

Classification	Home Office Hourly Rates
Principal	\$227.70

Classification	Home Office Hourly Rates
Senior Project Manager	\$190.66
Railway Systems Engineer	\$293.93
Railway Signal Technologist	\$251.56
Railway Signal Designer	\$95.33
Electrical Engineer	\$222.43

S&K Engineers

Classification	Home Office Hourly Rates
Principal	\$240.00
Project Manager/Senior Engineer	\$225.00
Engineer/Senior Engineer	\$195.00
Designer	\$170.00
Drafter/CAD Operator	\$145.00
Clerical	\$105.00

Utility Coordination Inc.

Classification	Home Office Hourly Rates
Principal Project Manager	\$207.00
Project Coordinator	\$185.00
Senior Right-of-Way Agent	\$175.00
Principal Project Engineer	\$207.00
Project Engineer	\$195.00
Principal Designer	\$148.00
Senior Designer	\$130.00
Drafter	\$80.00
Field/Pothole Coordinator	\$125.00
Project Accountant	\$85.00
Project Administrative Assistant	\$74.00

Yunsoo Kim Design

Classification	Home Office Hourly Rates
Principal	\$200.00
Project Manager	\$150.00
Senior Landscape Designer	\$110.00
Landscape Designer	\$80.00

EXHIBIT G

Company Name & Logo
Address

Accounts Payable Section
Harbor Department, City of Los Angeles
P.O. Box 191
San Pedro, CA 90733-0191
Attention: _____

Project Title:
Agreement No.:
Directive No.:

Invoice No.:
Invoice Date:
Invoice Period:
Federal ID No.:
City Business Tax No.:

Consultant Contact:
Telephone:

Task No.	Description	Fee Type	Contract Amount	Authorized Amount	% Comp	Amount Paid to Date	Prior Invoices	Current Invoice	Remaining Balance
1			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
2			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
3			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
4			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
	GRAND TOTAL		\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -

"I certify under penalty of perjury that the above bill is just and correct according to the terms of Agreement No. _____ and that payment has not been received. I further certify that I have complied with the provisions of the City's Living Wage Ordinance."

Project Manager

EXHIBIT H

MONTHLY SUBCONSULTANT MONITORING REPORT

Instructions: Please indicate the SBE/MBE/WBE/OBE/DBE participation levels achieved for the month of _____ covered by the referenced contract number.

Contract No. _____ Division _____ Contractor Administrator _____

Contractor _____ *Group _____ Contract Title/Project _____

Contract Amount _____ Start Date _____ End Date _____

Total Amount Invoiced to Date _____

SBE Mandated Participation Percentage _____ SBE _____ VSBE _____

Proposed Subcontractor Percentage _____ MBE _____ WBE _____ OBE _____ DVBE _____

				PROPOSED		ACTUALS		
	Name of Subcontractor	Type of Work Performed	Group SBE/VSBE/MBE/WBE/OBE/DVBE	Original Proposed Amount	Original Proposed Percentage	Amount Paid to Date	Amount Paid to Date Percentage	Contract Amount Percentage
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

Directions:

Original Proposed Percentage: Original Proposed Percentage of Total Contract Amount

Amount Paid to Date Percentage: Percentage of Total Amount Invoiced to Date

Contract Amount Percentage: Percentage Paid to Date of Total Contract Amount

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

Sec. 10.8.4 Affirmative Action Program Provisions.

Every non-construction contract with or on behalf of the City of Los Angeles for which the consideration is \$100,000 or more and every construction contract with or on behalf of the City of Los Angeles for which the consideration is \$5,000 or more shall contain the following provisions which shall be designated as the AFFIRMATIVE ACTION PROGRAM provisions of such contract:

- A. During the performance of City contract, the contractor certifies and represents that the contractor and each subcontractor hereunder will adhere to an affirmative action program to ensure that in its employment practices, persons are employed and employees are treated equally and without regard to or because of race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
 - 1. This provision applies to work or services performed or materials manufactured or assembled in the United States.
 - 2. Nothing in this section shall require or prohibit the establishment of new classifications of employees in any given craft, work or service category.
 - 3. The contractor shall post a copy of Paragraph A hereof in conspicuous places at its place of business available to employees and applicants for employment.
- B. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to their race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
- C. As part of the City's supplier registration process, and/or at the request of the awarding authority or the Office of Contract Compliance, the contractor shall certify on an electronic or hard copy form to be supplied, that the contractor has not discriminated in the performance of City contracts against any employee or applicant for employment on the basis or because of race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
- D. The contractor shall permit access to and may be required to provide certified copies of all of its records pertaining to employment and to its employment practices by the awarding authority or the Office of Contract Compliance, for the purpose of investigation to ascertain compliance with the Affirmative Action Program provisions of City contracts, and on their or either of their request to provide evidence that it has or will comply therewith.

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

- E. The failure of any contractor to comply with the Affirmative Action Program provisions of City contracts may be deemed to be a material breach of contract. Such failure shall only be established upon a finding to that effect by the awarding authority, on the basis of its own investigation or that of the Board of Public Works, Office of Contract Compliance. No such finding shall be made except upon a full and fair hearing after notice and an opportunity to be heard has been given to the contractor.
- F. Upon a finding duly made that the contractor has breached the Affirmative Action Program provisions of a City contract, the contract may be forthwith cancelled, terminated or suspended, in whole or in part, by the awarding authority, and all monies due or to become due hereunder may be forwarded to and retained by the City of Los Angeles. In addition thereto, such breach may be the basis for a determination by the awarding authority or the Board of Public Works that the said contractor is an irresponsible bidder or proposer pursuant to the provisions of Section 371 of the Los Angeles City Charter. In the event of such determination, such contractor shall be disqualified from being awarded a contract with the City of Los Angeles for a period of two years, or until he or she shall establish and carry out a program in conformance with the provisions hereof.
- G. In the event of a finding by the Fair Employment and Housing Commission of the State of California, or the Board of Public Works of the City of Los Angeles, or any court of competent jurisdiction, that the contractor has been guilty of a willful violation of the California Fair Employment and Housing Act, or the Affirmative Action Program provisions of a City contract, there may be deducted from the amount payable to the contractor by the City of Los Angeles under the contract, a penalty of TEN DOLLARS (\$10.00) for each person for each calendar day on which such person was discriminated against in violation of the provisions of a City contract.
- H. Notwithstanding any other provisions of a City contract, the City of Los Angeles shall have any and all other remedies at law or in equity for any breach hereof.
- I. The Public Works Board of Commissioners shall promulgate rules and regulations through the Office of Contract Compliance and provide to the awarding authorities electronic and hard copy forms for the implementation of the Affirmative Action Program provisions of City contracts, and rules and regulations and forms shall, so far as practicable, be similar to those adopted in applicable Federal Executive Orders. No other rules, regulations or forms may be used by an awarding authority of the City to accomplish this contract compliance program.
- J. Nothing contained in City contracts shall be construed in any manner so as to require or permit any act which is prohibited by law.
- K. The Contractor shall submit an Affirmative Action Plan which shall meet the requirements of this chapter at the time it submits its bid or proposal or at the time it

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

registers to do business with the City. The plan shall be subject to approval by the Office of Contract Compliance prior to award of the contract. The awarding authority may also require contractors and suppliers to take part in a pre-registration, pre-bid, pre-proposal, or pre-award conference in order to develop, improve or implement a qualifying Affirmative Action Plan. Affirmative Action Programs developed pursuant to this section shall be effective for a period of twelve

months from the date of approval by the Office of Contract Compliance. In case of prior submission of a plan, the contractor may submit documentation that it has an Affirmative Action Plan approved by the Office of Contract Compliance within the previous twelve months. If the approval is 30 days or less from expiration, the contractor must submit a new Plan to the Office of Contract Compliance and that Plan must be approved before the contract is awarded.

1. Every contract of \$5,000 or more which may provide construction, demolition, renovation, conservation or major maintenance of any kind shall in addition comply with the requirements of Section 10.13 of the Los Angeles Administrative Code.
 2. A contractor may establish and adopt as its own Affirmative Action Plan, by affixing his or her signature thereto, an Affirmative Action Plan prepared and furnished by the Office of Contract Compliance, or it may prepare and submit its own Plan for approval.
- L. The Office of Contract Compliance shall annually supply the awarding authorities of the City with a list of contractors and suppliers who have developed Affirmative Action Programs. For each contractor and supplier the Office of Contract Compliance shall state the date the approval expires. The Office of Contract Compliance shall not withdraw its approval for any Affirmative Action Plan or change the Affirmative Action Plan after the date of contract award for the entire contract term without the mutual agreement of the awarding authority and the contractor.
- M. The Affirmative Action Plan required to be submitted hereunder and the pre-registration, pre-bid, pre-proposal or pre-award conference which may be required by the Board of Public Works, Office of Contract Compliance or the awarding authority shall, without limitation as to the subject or nature of employment activity, be concerned with such employment practices as:
1. Apprenticeship where approved programs are functioning, and other on-the-job training for non-apprenticeable occupations;
 2. Classroom preparation for the job when not apprenticeable;
 3. Pre-apprenticeship education and preparation;

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

4. Upgrading training and opportunities;
 5. Encouraging the use of contractors, subcontractors and suppliers of all racial and ethnic groups, provided, however, that any contract subject to this ordinance shall require the contractor, subcontractor or supplier to provide not less than the prevailing wage, working conditions and practices generally observed in private industries in the contractor's, subcontractor's or supplier's geographical area for such work;
 6. The entry of qualified women, minority and all other journeymen into the industry; and
 7. The provision of needed supplies or job conditions to permit persons with disabilities to be employed, and minimize the impact of any disability.
- N. Any adjustments which may be made in the contractor's or supplier's workforce to achieve the requirements of the City's Affirmative Action Contract Compliance Program in purchasing and construction shall be accomplished by either an increase in the size of the workforce or replacement of those employees who leave the workforce by reason of resignation, retirement or death and not by termination, layoff, demotion or change in grade.
- O. Affirmative Action Agreements resulting from the proposed Affirmative Action Plan or the pre-registration, pre-bid, pre-proposal or pre-award conferences shall not be confidential and may be publicized by the contractor at his or her discretion. Approved Affirmative Action Agreements become the property of the City and may be used at the discretion of the City in its Contract Compliance Affirmative Action Program.
- P. This ordinance shall not confer upon the City of Los Angeles or any Agency, Board or Commission thereof any power not otherwise provided by law to determine the legality of any existing collective bargaining agreement and shall have application only to discriminatory employment practices by contractors or suppliers engaged in the performance of City contracts.
- Q. All contractors subject to the provisions of this section shall include a like provision in all subcontracts awarded for work to be performed under the contract with the City and shall impose the same obligations, including but not limited to filing and reporting obligations, on the subcontractors as are applicable to the contractor. Failure of the contractor to comply with this requirement or to obtain the compliance of its subcontractors with all such obligations shall subject the contractor to the imposition of any and all sanctions allowed by law, including but not limited to termination of the contractor's contract with the City.

EXHIBIT J

SMALL/VERY SMALL BUSINESS ENTERPRISE PROGRAM AND LOCAL BUSINESS PREFERENCE PROGRAM

(1) SMALL/VERY SMALL BUSINESS ENTERPRISE PROGRAM

The City of Los Angeles Harbor Department is committed to creating an environment that provides all individuals and businesses open access to the business opportunities available at the Harbor Department in a manner that reflects the diversity of the City of Los Angeles. The Harbor Department's Small Business Enterprise (SBE) Program was created to provide additional opportunities for small businesses to participate in professional service and construction contracts. An overall Department goal of 25% SBE participation, including 5% Very Small Business Enterprise (VSBE) participation, has been established for the Program. The specific goal or requirement for each contract opportunity may be higher or lower based on the scope of work.

It is the policy of the Harbor Department to solicit participation in the performance of all service contracts by all individuals and businesses, including, but not limited to, SBEs, VSBEs, women-owned business enterprises (WBEs), minority-owned business enterprises (MBEs), and disabled veteran business enterprises (DVBES). The SBE Program allows the Harbor Department to target small business participation, including MBEs, WBEs, and DVBES, more effectively. It is the intent of the Harbor Department to make it easier for small businesses to participate in contracts by providing education and assistance on how to do business with the City, and ensuring that payments to small businesses are processed in a timely manner. **In order to ensure the highest participation of SBE/VSBE/MBE/WBE/DVBES, all proposers shall utilize the City's contracts management and opportunities database, the Los Angeles Business Assistance Virtual Network (LABAVN), at <http://www.labavn.org>, to outreach to potential subcontractors.**

The Harbor Department defines a SBE as an independently owned and operated business that is not dominant in its field and meets criteria set forth by the Small Business Administration in Title 13, Code of Federal Regulations, Part 121. Go to www.sba.gov for more information. The Harbor Department defines a VSBE based on the State of California's Micro-business definition which is 1) a small business that has average annual gross receipts of \$3,500,000 or less within the previous three years, or (2) a small business manufacturer with 25 or fewer employees.

The SBE Program is a results-oriented program, requiring consultants who receive contracts from the Harbor Department to perform outreach and utilize certified small businesses. **Based on the work to be performed, it has been determined that the percentage of small business participation will be __%, including __% VSBE participation.** The North American Industry Classification System (NAICS) Code for the scope of services is _____. This NAICS Code is the industry code that corresponds to at least 51% of the scope of services and will be used to determine the size standard for SBE participation of the Prime Consultant. The maximum SBE size standard for this NAICS Code is \$_ million.

Consultant shall be responsible for determining the SBE status of its subconsultants for purposes of meeting the small business requirement. Subconsultants must qualify as an SBE based on the type of services that they will be performing under the Agreement. All business participation will be determined by the percentage of the total amount of compensation under the agreement paid to SBEs. The Consultant shall not substitute an SBE firm without obtaining prior approval of the City. A request for substitution must be based upon demonstrated good cause. If substitution is permitted, Consultant shall endeavor to make an in-kind substitution for the substituted SBE.

(2) LOCAL BUSINESS PREFERENCE PROGRAM:

The Harbor Department is committed to maximizing opportunities for local and regional businesses, as well as encouraging local and regional businesses to locate and operate within the Southern California region. It is the policy of the Harbor Department to support an increase in local and regional jobs. The Harbor Department's Local Business Preference Program (LBPP) aims to benefit the Southern California region by increasing jobs and expenditures within the local and regional private sector.

The Harbor Department defines a LBE as: **EXHIBIT J**

- (a) A business headquartered within Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties; or
- (b) A business that has at least 50 full-time employees, or 25 full-time employees for specialty marine contracting firms, working in Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties.

In order for Harbor Department staff to determine the appropriate LBE preference, Consultant shall complete, sign, notarize (where applicable) and submit the attached Affidavit and Contractor Description Form. The Affidavit and Contractor Description Form will signify the LBE status of the Consultant and subconsultants. Prior to contract award, the Harbor Department will verify the status of all LBEs.

Consultant shall complete, sign, notarize (where applicable) and submit as part of the executed agreement the attached Affidavit and Contractor Description Form. The Contractor Description Form, when signed, will signify the Consultant's intent to comply with the SBE and LBPP requirements. Prior to contract award, the Harbor Department will verify the status of all SBEs. In addition, prior to being awarded a contract with the Harbor Department, all contractors and subcontractors must be registered on LABAVN.

In the event of Consultant's noncompliance during the performance of the Agreement, Consultant shall be considered in material breach of contract. In addition to any other remedy available to City under this Agreement or by operation of law, the City may withhold invoice payments to Consultant until noncompliance is corrected, and assess the costs of City's audit of books and records of Consultant and its subconsultants. In the event the Consultant falsifies or misrepresents information contained in any form or other willful noncompliance as determined by City, City may disqualify the Consultant from participation in City contracts for a period of up to five (5) years.

EXHIBIT J

AFFIDAVIT OF COMPANY STATUS

"The undersigned declares under penalty of perjury pursuant to the laws of the State of California that the following information and information contained on **the attached Consultant Description Form** is true and correct and includes all material information necessary to identify and explain the operations of

AECOM Technical Services, Inc.

Name of Firm

as well as the ownership and location thereof. Further, the undersigned agrees to provide complete and accurate information regarding ownership in the named firm, and all of its domestic and foreign affiliates, any proposed changes of the ownership and to permit the audit and examination of firm ownership documents, and the ownership documents of all of its domestic and foreign affiliates, in association with this agreement."

(1) **Small/Very Small Business Enterprise Program:** Please indicate the ownership of your company. Please check all that apply. At least one box must be checked:

☐ SBE ☐ VSBE ☐ MBE ☐ WBE ☐ DVBE ☒ OBE

- A Small Business Enterprise (SBE) is an independently owned and operated business that is not dominant in its field and meets criteria set forth by the Small Business Administration in Title 13, Code of Federal Regulations, Part 121.
- A Very Small Business Enterprise (VSBE) is 1) a small business that has average annual gross receipts of \$5,000,000 or less within the previous three years, or (2) a small business manufacturer with 25 or fewer employees.
- A Minority Business Enterprise (MBE) is defined as a business in which a minority owns and controls at least 51% of the business. A Woman Business (WBE) is defined as a business in which a woman owns and controls at least 51% of the business. For the purpose of this project, a minority includes:
 - (1) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin);
 - (2) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish Culture or origin, regardless of race);
 - (3) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, The Indian Subcontinent, or the Pacific Islands); and
 - (4) American Indian or Alaskan Native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).
- A Disabled Veteran Business Enterprise (DVBE) is defined as a business in which a disabled veteran owns at least 51% of the business, and the daily business operations are managed and controlled by one or more disabled veterans.
- An OBE (Other Business Enterprise) is any enterprise that is neither an SBE, VSBE, MBE, WBE, or DVBE.

EXHIBIT J

(2) **Local Business Preference Program:** Please indicate the Local Business Enterprise status of your company. Only one box must be checked:

☒ LBE ☐ Non-LBE

- A Local Business Enterprise (LBE) is: (a) a business headquartered within Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties; or (b) a business that has at least 50 full-time employees, or 25 full-time employees for specialty marine contracting firms, working in Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties. "Headquartered" shall mean that the business physically conducts and manages all of its operations from a location in the above-named counties.
- A Non-LBE is any business that does not meet the definition of a LBE.

Signature:  _____

Printed Name: Stephen Polechronis

Title: Senior Vice President

Date Signed: April 8, 2019

EXHIBIT J

Consultant Description Form

PRIME CONSULTANT:

Contract Title: On-Call Engineering Services (Port of Los Angeles)

Business Name: AECOM Technical Services, Inc. LABAVN ID# 5198

Award Total (% or \$): TBD %

Services to be provided: On-Call Engineering Services

Owner's Ethnicity: NA Gender: NA Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue \$ \$18.6 billion

Address: 300 South Grand Avenue

City/State/Zip: Los Angeles, CA 90071

County: Los Angeles

Telephone: (213) 593-8100 FAX: () N/A

Contact Person/Title: Stephen Polechronis/Senior Vice President

Email Address: Stephen.polechronis@aecom.com

SUBCONSULTANT:

Business Name: Bermello Ajamil & Partners, Inc. LABAVN ID# 76220

Award Total (% or \$): TBD

Services to be provided: Cruise Terminal A/E Services

Owner's Ethnicity: Hispanic Gender: Male Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES NO x (Check only one)

Primary NAICS Code: 541310 Average Three Year Gross Revenue \$27.8M

Address: 2601 South Bayshore Drive, Suite 1000

City/State/Zip: Miami, Florida 33133

County: Miami-Dade

Telephone: (305) 859-2050 FAX: () N/A

Contact Person/Title: Janeen Skelly, Partner / Director of Marketing

Email Address: BA@bermelloajamil.com

EXHIBIT J

SUBCONSULTANT:

Business Name: BOA ARCHITECTURE LABAVN ID# 2692

Award Total (% or \$): TBD

Services to be provided: Professional Architectural Design Services

Owner's Ethnicity: Asian Gender: M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES _____ NO X (Check only one)

Primary NAICS Code: 541310 Average Three Year Gross Revenue \$926,000

Address: 1511 Cota Avenue

City/State/Zip: Long Beach, CA 90813

County: Los Angeles

Telephone: (562) 912-7900 FAX: () N/A

Contact Person/Title: Edward "Lok" Ng/President

Email Address: lok.ng@boaarchitecture.com

SUBCONSULTANT:

Business Name: Cardno, Inc. LABAVN ID# 20291

Award Total (% or \$): TBD %

Services to be provided: Subsurface Utility Investigations

Owner's Ethnicity: _____ Gender: _____ Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES _____ NO x (Check only one)

Primary NAICS Code: 541360 Average Three Year Gross Revenue \$ \$1.1B

Address: 5622 Research Dr., Suite A

City/State/Zip: Huntington Beach, CA 92649

County: Orange

Telephone: (714) 487.5780 FAX: () N/A

Contact Person/Title: Matt Tomanek, Branch Manager

Email Address: matt.tomanek@cardno.com

EXHIBIT J

SUBCONSULTANT:

Business Name: Earth Mechanics, Inc. LABAVN ID# 285

Award Total (% or \$): TBD %

Services to be provided: Geotechnical/earthquake engineering and laboratory services

Owner's Ethnicity: Asian Gender: M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 541330/541380 Average Three Year Gross Revenue \$ 8.3M

Address: 17800 Newhope Street, St B,

City/State/Zip: Fountain Valley, CA 92708

County: Orange County

Telephone: () 714-751-3826 FAX: () 714-751-3928

Contact Person/Title: Kandiah ' Arul' Arulmoli, PhD, PE, GE

Email Address: arulmoli@earthmech.com

SUBCONSULTANT:

Business Name: Gahagan & Bryant Associates, Inc. LABAVN ID# 53953

Award Total (% or \$): TBD %

Services to be provided: Hydrographic Surveying

Owner's Ethnicity: W Gender: M Group: SBE VSBE MBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES NO X (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue \$ 14,234,333

Address: 10541 Humbolt Street

City/State/Zip: Los Alamitos, CA 90720

County: Orange

Telephone: (310) 521-8127 FAX: () N/A

Contact Person/Title: David Eller/Vice President

Email Address: djeller@gba-inc.com

EXHIBIT J

SUBCONSULTANT:

Business Name: IEM LABAVN ID# 4786

Award Total (% or \$): TBD %

Services to be provided: Cost Estimating/Scheduling/Constructability Review

Owner's Ethnicity: W Gender: F Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply) WBE

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue \$3.5M

Address: 302 W. 5th St., Suite 207

City/State/Zip: San Pedro, CA, 20705

County: Los Angeles

Telephone: (310) 221-0749 FAX: (310) 221-0859

Contact Person/Title: Behjat Zanjani, President

Email Address: bzanjani@iemcm.com

SUBCONSULTANT:

Business Name: Liftech Consultants Inc. LABAVN ID# 18335

Award Total (% or \$): TBD %

Services to be provided: Crane Loads and Crane-Wharf Interface Structural Engineering Design

Owner's Ethnicity: Varied Gender: M&F Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES NO X (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue \$8,041,570

Address: 344-20th Street, Suite 360

City/State/Zip: Oakland, CA 94612

County: Alameda

Telephone: (510) 832-5606 FAX: () N/A

Contact Person/Title: Sugiarto Loni, Principal

Email Address: SLoni@Liftech.net

EXHIBIT J

SUBCONSULTANT:

Business Name: MBI Media LABAVN ID# 3763

Award Total (% or \$): TBD %

Services to be provided: Public Outreach/Graphics & Visual Aids

Owner's Ethnicity: W Gender: F Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 541820 Average Three Year Gross Revenue \$ 2,100,000

Address: 957 S Village Oaks Dr

City/State/Zip: Covina, CA 91741

County: Los Angeles

Telephone: (626) 967-1510 FAX: () N/A

Contact Person/Title: Dean Owens/Development & Client Services Manager

Email Address: dowens@mbimedia.com

SUBCONSULTANT:

Business Name: NS Structural Engineering, Inc LABAVN ID#

Award Total (% or \$): TBD %

Services to be provided: Structural Engineering

Owner's Ethnicity: Asian Indian Gender: M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue \$ 608,000

Address: 4642 Rockland Pl

City/State/Zip: La Candada, CA 91011

County: Los Angeles

Telephone: (626) 840-2338 FAX: () N/A

Contact Person/Title: Neal Shah/ President

Email Address: neal@ns-se.com

EXHIBIT J

SUBCONSULTANT:

Business Name: Professional Construction Cost Consultants, Inc. LABAVN ID# 61408

Award Total (% or \$): TBD %

Services to be provided: Cost Estimating

Owner's Ethnicity: C Gender: M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 54131 Average Three Year Gross Revenue \$ 275,000

Address: 2426 Sparrow St

City/State/Zip: Lake Forest, CA 92871

County: Orange

Telephone: (949) 285-7399 FAX: () N/A

Contact Person/Title: Lee A. Namisniak/President

Email Address: lee@pccci.com

SUBCONSULTANT:

Business Name: Port Design Partners, Inc. LABAVN ID# 87452

Award Total (% or \$): TBD %

Services to be provided: Civil and Railroad Engineering Support

Owner's Ethnicity: Gender: M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue \$ 81,509

Address: 6475 E. Pacific Coast Hwy, Ste 265

City/State/Zip: Long Beach, CA 90803

County: Los Angeles

Telephone: (949) 241-6759 FAX: () N/A

Contact Person/Title: Nathan deSousa

Email Address: nathand@portdp.com

EXHIBIT J

SUBCONSULTANT:

Business Name: Pacific Railway Enterprises, Inc. LABAVN ID# 55736

Award Total (% or \$): TBD %

Services to be provided: Railroad Signal and Communications Systems Design and Engineering Services

Owner's Ethnicity: Caucasian Gender: F Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES NO X (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue \$ \$6,336,097

Address: 3560 University Avenue, Suite F,

City/State/Zip: Riverside, CA 92501

County: Riverside

Telephone: (951) 784-4630 FAX: () N/A

Contact Person/Title: Jennifer A. Purcell, PE, President / CEO

Email Address: japurcell@pacrail.com

SUBCONSULTANT:

Business Name: S&K Engineers LABAVN ID# 73102

Award Total (% or \$): TBD %

Services to be provided: Mechanical Electrical and Plumbing

Owner's Ethnicity: Asian Indian Gender: M Group: SBE VSBE MBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 5413300 Average Three Year Gross Revenue \$ 3,400,000

Address: 421 East Huntington Drive, Monrovia, CA 91016

City/State/Zip: Monrovia, CA 91016

County: Los Angeles

Telephone: (626) 930-1383 FAX: () N/A

Contact Person/Title: Manojit Sinha, P.E. – Principal

Email Address: msinha@skenigneers.com

EXHIBIT J

SUBCONSULTANT:

Business Name: Utility Coordinating, Inc. (UtiliCoor) LABAVN ID# 68404
Award Total (% or \$): TBD %
Services to be provided: Utility Coordinating and Petroleum Facility Coordination
Owner's Ethnicity: Cauc Gender: Multiple Group: SBE VSBE MBE DVBE OBE (Circle all that apply)
Local Business Enterprise: YES NO X (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue \$ 400,000
Address: 8840 Warner Avenue Suite 101
City/State/Zip: Fountain Valley, CA
County: Orange
Telephone: (714) 362-8437 FAX: () N/A
Contact Person/Title: William Johns, Vice President/Project Manager
Email Address: bjohns@utilicoor.com

SUBCONSULTANT:

Business Name: Yunsoo Kim Design, Inc LABAVN ID# 76186
Award Total (% or \$): TBD %
Services to be provided: Landscape architecture
Owner's Ethnicity: Asian Gender: M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise: YES X NO (Check only one)
Primary NAICS Code: 541320 Average Three Year Gross Revenue \$ \$214,000
Address: 404 Shatto Place #444
City/State/Zip: Los Angeles, CA 90020
County: U.S.A
Telephone: (213) 220-9699 FAX: () N/A
Contact Person/Title: Yunso Kim, Principal
Email Address: yunsoo@yunsookimdesign.com

EXHIBIT K

Sec. 10.8.2.1. Equal Benefits Ordinance.

Discrimination in the provision of employee benefits between employees with domestic partners and employees with spouses results in unequal pay for equal work. Los Angeles law prohibits entities doing business with the City from discriminating in employment practices based on marital status and/or sexual orientation. The City's departments and contracting agents are required to place in all City contracts a provision that the company choosing to do business with the City agrees to comply with the City's nondiscrimination laws.

It is the City's intent, through the contracting practices outlined in this Ordinance, to assure that those companies wanting to do business with the City will equalize the total compensation between similarly situated employees with spouses and with domestic partners. The provisions of this Ordinance are designed to ensure that the City's contractors will maintain a competitive advantage in recruiting and retaining capable employees, thereby improving the quality of the goods and services the City and its people receive, and ensuring protection of the City's property.

(c) Equal Benefits Requirements.

(1) No Awarding Authority of the City shall execute or amend any Contract with any Contractor that discriminates in the provision of Benefits between employees with spouses and employees with Domestic Partners, between spouses of employees and Domestic Partners of employees, and between dependents and family members of spouses and dependents and family members of Domestic Partners.

(2) A Contractor must permit access to, and upon request, must provide certified copies of all of its records pertaining to its Benefits policies and its employment policies and practices to the DAA, for the purpose of investigation or to ascertain compliance with the Equal Benefits Ordinance.

(3) A Contractor must post a copy of the following statement in conspicuous places at its place of business available to employees and applicants for employment: "During the performance of a Contract with the City of Los Angeles, the Contractor will provide equal benefits to its employees with spouses and its employees with domestic partners." The posted statement must also include a City contact telephone number which will be provided each Contractor when the Contract is executed.

(4) A Contractor must not set up or use its contracting entity for the purpose of evading the requirements imposed by the Equal Benefits Ordinance.

EXHIBIT K

(d) Other Options for Compliance. Provided that the Contractor does not discriminate in the provision of Benefits, a Contractor may also comply with the Equal Benefits Ordinance in the following ways:

(1) A Contractor may provide an employee with the Cash Equivalent only if the DAA determines that either:

a. The Contractor has made a reasonable, yet unsuccessful effort to provide Equal Benefits; or

b. Under the circumstances, it would be unreasonable to require the Contractor to provide Benefits to the Domestic Partner (or spouse, if applicable).

(2) Allow each employee to designate a legally domiciled member of the employee's household as being eligible for spousal equivalent Benefits.

(3) Provide Benefits neither to employees' spouses nor to employees' Domestic Partners.

(e) Applicability.

(1) Unless otherwise exempt, a Contractor is subject to and shall comply with all applicable provisions of the Equal Benefits Ordinance.

(2) The requirements of the Equal Benefits Ordinance shall apply to a Contractor's operations as follows:

a. A Contractor's operations located within the City limits, regardless of whether there are employees at those locations performing work on the Contract.

b. A Contractor's operations on real property located outside of the City limits if the property is owned by the City or the City has a right to occupy the property, and if the Contractor's presence at or on that property is connected to a Contract with the City.

c. The Contractor's employees located elsewhere in the United States but outside of the City limits if those employees are performing work on the City Contract.

(3) The requirements of the Equal Benefits Ordinance do not apply to collective bargaining agreements ("CBA") in effect prior to January 1, 2000. The Contractor must agree to propose to its union that the requirements of the Equal Benefits Ordinance be incorporated into its CBA upon amendment, extension, or other modification of a CBA occurring after January 1, 2000.

EXHIBIT K

(f) Mandatory Contract Provisions Pertaining to Equal Benefits. Unless otherwise exempted, every Contract shall contain language that obligates the Contractor to comply with the applicable provisions of the Equal Benefits Ordinance. The language shall include provisions for the following:

(1) During the performance of the Contract, the Contractor certifies and represents that the Contractor will comply with the Equal Benefits Ordinance.

(2) The failure of the Contractor to comply with the Equal Benefits Ordinance will be deemed to be a material breach of the Contract by the Awarding Authority.

(3) If the Contractor fails to comply with the Equal Benefits Ordinance the Awarding Authority may cancel, terminate or suspend the Contract, in whole or in part, and all monies due or to become due under the Contract may be retained by the City. The City may also pursue any and all other remedies at law or in equity for any breach.

(4) Failure to comply with the Equal Benefits Ordinance may be used as evidence against the Contractor in actions taken pursuant to the provisions of Los Angeles Administrative Code Section 10.40, et seq., Contractor Responsibility Ordinance.

(5) If the DAA determines that a Contractor has set up or used its Contracting entity for the purpose of evading the intent of the Equal Benefits Ordinance, the Awarding Authority may terminate the Contract on behalf of the City. Violation of this provision may be used as evidence against the Contractor in actions taken pursuant to the provisions of Los Angeles Administrative Code Section 10.40, et seq., Contractor Responsibility Ordinance.

AGREEMENT NO.
BETWEEN THE CITY OF LOS ANGELES
AND
DR CONSULTANTS & DESIGNERS, INC.

THIS AGREEMENT ("Agreement") is made and entered into by and between the CITY OF LOS ANGELES, a municipal corporation ("City") acting by and through its Board of Harbor Commissioners ("Board"), and DR CONSULTANTS & DESIGNERS, INC., a Delaware corporation, whose address is 915 Wilshire Boulevard, Suite 1725, Los Angeles, CA 90017 (Consultant").

WHEREAS, City requires professional, scientific, expert or technical services of a temporary and occasional character, including as-needed services to support the City's Capital Improvement Program ("CIP") and Maintenance Improvement Program ("MIP") in connection with the project described in Exhibit "A" hereto ("Project"); and

WHEREAS, Consultant is an organization that provides services, including, but not limited to, those services required by the City and, by virtue of training and experience, is well-qualified to provide such services to the City; and

WHEREAS, by reason of the nature and length of the services required by City, it is not economical or feasible for City to have such services performed by its own employees;

NOW, THEREFORE, in consideration of the covenants, terms and conditions hereinafter contained to be kept and performed by the respective parties hereto, it is mutually agreed as follows:

1. Incorporation of Recitals.

1.1 The recitals to this Agreement above are incorporated herein and made a part hereof.

2. Services To Be Performed By Consultant.

2.1 All of the services Consultant shall perform for City are set forth in Exhibit "B" hereto and hereinafter shall be referred to as "Scope of Work." Among other things, Exhibit "B" breaks down the Scope of Work into individual tasks and, in some cases, further breaks down such tasks into subtasks, which hereinafter shall be referred to generically as "Tasks" and "Subtasks." The aggregate of all Tasks and, as applicable, Subtasks, comprises the Scope of Work.

2.2 Consultant's performance of Tasks and, as applicable, Subtasks shall occur as follows:

a. The Chief Harbor Engineer of the Engineering Division of City's Harbor Department ("Engineer") shall issue a written document in the form

attached hereto as Exhibit "C" that has been signed by the Deputy Executive Director of Development for the City's Harbor Department and that specifies, without limitation: the Task or Subtask to be performed; the specific services required in connection with such Task or Subtask; the deliverables required in the performance of such Task or Subtask; the schedule for the performance of such Task or Subtask; authorized personnel who may perform the Task or Subtask; authorized compensation for such Task or Subtask; and MBE/WBE/SBE/VSBE/DVBE/OBE utilization ("Directive"). Directives shall specifically identify any services that fall within the meaning of "design professional services" as defined by Section 2782.8 of the California Civil Code to which the indemnity obligation set forth at Section 9.2 of this Agreement shall apply. A Directive's failure to identify such "design professional services" shall bar application of Section 9.2 to that Directive.

b. Consultant, to reflect its agreement with all the terms of such Directive, shall sign, date and return such Directive to Engineer.

c. Following Engineer's receipt of the Directive signed by Consultant, Engineer shall issue a written document in the form attached hereto as Exhibit "D" that has been signed by Engineer and that authorizes Consultant to commence performance of the services contemplated by such Directive ("Notice to Proceed").

2.3 Consultant acknowledges and agrees that it lacks authority to perform and that Engineer lacks authority to request the performance of any services outside the Scope of Work. Consultant further acknowledges and agrees that any services it performs outside the Scope of Work or a Directive, or in the absence of both a Directive and a Notice to Proceed, are performed as a volunteer and shall not be compensable under this Agreement.

2.4 The Scope of Work shall be performed by personnel qualified and competent in the sole reasonable discretion of Engineer, whether performance is undertaken by Consultant or third-parties with whom Consultant has contracted and whom are listed on Exhibit "J" on the effective date of this Agreement, or whom Engineer may subsequently approve in writing ("Subconsultants"). Obligations of this Agreement, whether undertaken by Consultant or Subconsultants, are and shall be the responsibility of Consultant. Consultant acknowledges and agrees that this Agreement creates no rights in Subconsultants with respect to City and that obligations that may be owed to Subconsultants, including, but not limited to, the obligation to pay Subconsultants for services performed, are those of Consultant alone. Upon Engineer's written request, Consultant shall supply City's Harbor Department with all agreements between it and its Subconsultants.

2.5 Consultant's performance of the Scope of Work shall adhere in all respects to the schedule set forth in a Directive.

2.6 Consultant, at its sole cost and expense, shall furnish all services, materials, equipment, subsistence, transportation and all other items necessary to perform the Scope of Work. As between City and Consultant, Consultant is solely responsible for any taxes or fees which may be assessed against it or its employees resulting from performance of the Scope of Work, whether social security, payroll or

other, and regardless of whether assessed by the federal government, any state, the City, or any other governmental entity. City shall pay applicable state or local fees necessary to obtain approval, plan checks, permits and variances for the Project.

2.7 Engineer shall resolve in his or her sole reasonable discretion any issues or questions which may arise during the term of this Agreement as to the quality or acceptability of Consultant's performance of the Scope of Work, the manner of performance, the interpretation of direction given to Consultant, the acceptable completion of a Directive, and the amount of compensation due. Upon written notice from Engineer, Consultant shall assign replacement personnel and/or shall remedy any deficient services or work product to Engineer's reasonable satisfaction and at Consultant's sole cost and expense. Compliance with the requirements of this Section 2.7 is a condition to payment by City of compensation to Consultant pursuant to this Agreement.

2.8 Consultant's representative responsible for administering this Agreement, James Fowler, P.E. ("Project Manager"), shall not be changed without Engineer's written approval. Engineer may, for any reason in his or her sole reasonable discretion, require Consultant to substitute a new Project Manager. If City requests such a substitution, the substitute Project Manager shall expend whatever time and costs necessary to become familiar with the Project and any portions of the Scope of Work already performed at Consultant's sole cost and expense.

2.9 If the law requires Consultant, in performing the Scope of Work, to follow a different standard of care than the ordinary standard of care applied to a reasonable person, Consultant shall perform such services with the degree of diligence, skill, judgment, and care applicable to Consultant's profession ("professional standard"). Consultants not required to follow a professional standard shall exercise the degree of care required of ordinary persons.

2.10 For portions of the Scope of Work to be performed on a time and material basis, Consultant shall assign personnel, whether employees or Subconsultants, with the lowest applicable hourly rate who are fully competent to provide the services required. If Consultant finds it necessary to have any portion of the Scope of Work, which this Section 2.10 would require to be performed by personnel at a lower rate, to be performed by personnel at a higher rate, Consultant shall, nevertheless, invoice City at the lower rate.

2.11 Consultant shall promptly consider and implement, to the reasonable satisfaction of Engineer, any written comments of Engineer.

2.12 Consultant shall review information provided by City's Harbor Department, whether in the form of drawings, documents, and/or written or verbal comments, excluding survey data. Any such information reasonably believed by Consultant to be inaccurate, incomplete or inapplicable shall be brought promptly to the attention of Engineer in writing.

2.13 Consultant shall perform the Scope of Work as expeditiously as possible and at the time or times required by the Engineer. Time is of the essence in the performance of the Scope of Work. Consultant's failure to conform to any schedule set

forth in a Directive shall entitle City to have services completed by others, shall obligate Consultant to pay City's cost to undertake completion of such services, and shall authorize City to withhold such amounts from any payments otherwise due to Consultant. Consultant's failure to timely perform in accordance with the schedule set forth in a Directive shall result in economic losses to the City, including, but not limited to, the timely bidding and awarding of contracts, completion of the Project and the use of the Project by City's Harbor Department, its tenants and the public.

3. Services To Be Performed By City.

3.1 City's Harbor Department shall provide Consultant with available and/or necessary horizontal and vertical survey data in the form of field notes or electronic format as maintained by City's Harbor Department, access to public records, prints of existing aerial photos, existing planimetric maps, environmental documents, existing oceanographic studies and existing soil reports in the vicinity, previous specifications and other information which, in the sole reasonable discretion of Engineer, shall assist in completing the Scope of Work.

3.2 City's Harbor Department shall provide all necessary copies and prints of final plans, specifications and estimates for bid advertisement and construction.

3.3 City's Harbor Department shall provide survey, construction inspection, construction contract administration and soil compaction-testing services unless the Scope of Work provides otherwise.

3.4 Consultant shall provide Engineer with reasonable advance written notice if it requires access to the Project area or any other premises of City's Harbor Department. Subsequent access rights, if any, shall be granted to Consultant at the sole reasonable discretion of Engineer, specifying conditions Consultant must satisfy in connection with such access. Consultant acknowledges that the Project area may be occupied or used by tenants or contractors of City and that access rights granted by City's Harbor Department to Consultant shall be consistent with any such occupancy or use.

3.5 City shall not be obligated to provide information and/or services except as specified in this Agreement.

4. Effective Date and Term.

4.1 After approval by City in accordance with Section 245 of City's Charter, the effective date of this Agreement shall be the date of its execution by City's Harbor Department Executive Director ("Executive Director"). Consultant acknowledges that Section 245 of City's Charter furnishes to the City Council of City ("Council") the right to review this Agreement and that this Agreement shall not become effective until after the expiration of the fifth Council meeting day after approval of this Agreement by Board, or the date of Council's approval of the Agreement.

4.2 The term of this Agreement shall not exceed three (3) years, commencing on the Agreement's effective date. This Agreement shall be in full force and effect until:

a. Engineer determines that Consultant has completed the Scope of Work and provides Consultant written notice thereof; or

b. Board, in its sole discretion, terminates this Agreement, which termination shall become effective five (5) calendar days following Executive Director's transmittal of written notice advising Consultant of such action by Board. Upon receipt of such written notice, Consultant shall cease the performance of the Scope of Work. Consultant shall be entitled to compensation only for services actually performed prior to such termination. Engineer, in his or her sole reasonable discretion, shall determine the amount of services actually performed and shall allocate a portion of the total compensation due Consultant accordingly. If Board so terminates this Agreement, Consultant shall deliver all drawings, specifications, plans, reports, studies, calculations, estimates, documents and other work product produced pursuant to this Agreement to City in an organized, usable form with all items properly labeled to the degree of detail specified by the Engineer. No compensation shall be due Consultant until it complies with the requirements of this paragraph; or

c. Three (3) years have elapsed from the effective date of the Agreement.

4.3. Notwithstanding the foregoing, this Agreement is subject to the provisions of City's Charter which, among other things, precludes City from making any expenditure of funds or incurring any liability, including contractual commitments, in excess of the amount appropriated therefor. Board, in awarding this Agreement, is expected to appropriate sufficient funds to meet the estimated expenditure of funds through June 30 of the current fiscal year and to make further appropriations in each succeeding fiscal year during the life of the Agreement. However, Board is under no legal obligation to do so. City, its boards, officers, and employees are not bound by the terms of this Agreement or obligated to make payment thereunder in any fiscal year in which the Board does not appropriate funds therefor. Consultant is not entitled to any compensation in any fiscal year in which funds have not been appropriated for the Agreement by Board.

Although Consultant is not obligated to perform any services required by the Scope of Work in any fiscal year in which no appropriation for the Agreement has been made, Consultant shall resume performance of the Scope of Work on the same terms and conditions for a period of sixty (60) days after the end of the fiscal year if an appropriation therefor is approved by Board within that sixty (60)-day period. Consultant is responsible for maintaining all insurance and bonds during this sixty (60)-day period. The time for performance shall be extended during this period until the appropriation is made; however, such extension of time is not compensable.

If in any subsequent fiscal year funds are not appropriated by Board for this Agreement, this Agreement shall be terminated. However, such termination shall not

relieve the parties of liability for any obligation previously incurred.

5. Compensation.

5.1 For the full and satisfactory performance of the Scope of Work, City shall pay Consultant and Consultant shall accept a sum not to exceed Three Million Dollars (\$3,000,000) to be paid as specified in Exhibit "E." If Exhibit "E" allocates a specific amount to the performance of a Task or Subtask and if, following the completion of such Task or Subtask, unexpended sums remain in relation to such specific amount, Executive Director may, upon written notice to Consultant, allocate such unexpended sums to the performance of a subsequent Task or Subtask.

5.2 Compensation payable under this Agreement includes payment for all labor, travel, per diem, fringe benefits, general and administrative expenses, overhead, profit, materials, supplies, transportation, and all other direct and indirect costs and expenses incurred by Consultant ("Expenses"). As such, Consultant shall not be entitled to separate reimbursement of Expenses under this Agreement. No markups or premiums shall be applied to services performed by Subconsultants unless Exhibit "E" expressly so allows. Compensation payable under this Agreement shall be on a (1) fixed fee, (2) hourly, or (3) combined fixed fee and hourly basis in accordance with the terms below, as may be more particularly specified in Exhibit "E" and Exhibit "F."

a. Fixed Fee. Lump sum compensation for satisfactory performance of Tasks as may be identified as "Lump Sum" in Exhibit "E."

b. Hourly Fee. An amount equal to the product of the hours expended by Consultant and the applicable hourly rates set forth in Exhibit "F" for time actually spent in the performance of Tasks as may be identified as "Not-to-Exceed" in Exhibit "E." The rates identified in Exhibit "F" state the maximum rates Consultant shall charge under this Agreement. No premium rates, including, but not limited to, overtime or hazardous duty premiums, shall be charged.

5.3 If the term of this Agreement exceeds one (1) year and if Executive Director so consents in writing, Consultant may increase the rates set forth in Exhibit "F" after each twelve (12) months of service as long as such increases (a) are equal to or lower than the rates Consultant charges to other municipal or governmental entities and (b) represent an increase of no more than three percent (3%) over the rates charged during the prior twelve (12) month period. Such increases in rates, if any, shall not result in increases of the amount of total compensation payable under this Agreement set forth in Section 5.1. In the event of any such rate increase, Exhibit "F" shall be revised, replaced and renumbered as Exhibit "F-1," Exhibit "F-2," etc., as applicable.

5.4 Each month during the term of this Agreement, as a prerequisite to payment for services, Consultant shall submit a written invoice to City's Harbor Department for services performed during the prior month, accompanied by such records and receipts as may be specifically required in Exhibit "E." Each such invoice shall bear a City Business Tax Registration Number and a Taxpayer Identification

Number. Each invoice shall identify all services performed by Subconsultants. If payments are to be based on the performance of established milestones, Consultant shall bill as each milestone is completed, but not more often than once a month.

Consultant shall submit one (1) original and four (4) copies of each such invoice for payment in the format that contains the information specified in Exhibit "G" and that includes the following certification:

"I certify under penalty of perjury that the above bill is just and correct according to the terms of Agreement No. _____ and that payment has not been received. I further certify that I have complied with the provisions of the City's Living Wage Ordinance.

(signed)

5.5 Consultant shall submit supporting documents with each invoice as may be set forth in a Directive. Such documents may include, but are not limited to, provider invoices, payrolls, and time sheets.

5.6 If Consultant utilizes Subconsultants to perform aspects of the Scope of Work, Consultant shall submit to City, with each monthly invoice, a Monthly Subconsultant Monitoring Report in the form attached hereto as Exhibit "H." Consultant shall provide an explanation for any item that does not meet or exceed the participation levels required by a particular Directive, with specific plans and recommendations for improved subconsultant utilization. Invoices will not be paid without a completed Monthly Subconsultant Monitoring Report form. Consultant is not required to submit support for direct costs items of \$25 or less.

5.7 All sums due and payable to Consultant shall be paid as soon as, in the ordinary course of City business, the same may be reviewed and approved. City shall use all reasonable effort to pay said sums within sixty (60) days of receipt of each statement.

For payment and processing, all invoices shall be mailed to the following address:

Accounts Payable Section
Harbor Department, City of Los Angeles
P.O. Box 191
San Pedro, CA 90733-0191

6. Recordkeeping and Audit Rights.

6.1 Consultant shall keep and maintain full, complete and accurate books of accounts and records of the services performed under this Agreement in accordance with generally accepted accounting principles consistently applied, which books and records shall be readily accessible to and open for inspection and copying at the

premises by City, its auditors or other authorized representatives. Notwithstanding any other provision of this Agreement, failure to do so shall constitute a conclusive waiver of any right to compensation for such services as are otherwise compensable hereunder. Such books and records shall be maintained by Consultant for a period of three (3) years after completion of services to be performed under this Agreement or until all disputes, appeals, litigation or claims arising from this Agreement have been resolved.

6.2 During the term of this Agreement, City may audit, review and copy any and all writings (as that term is defined in Section 250 of the California Evidence Code) of Consultant and Subconsultants arising from or related to this Agreement or performance of the Scope of Work, whether such writings are (a) in final form or not, (b) prepared by Consultant, Subconsultants or any individual or entity acting for or on behalf of Consultant or a Subconsultant, and (c) without regard to whether such writings have previously been provided to City. Consultant shall be responsible for obtaining access to and providing writings of Subconsultants. Consultant shall provide City at Consultant's sole cost and expense a copy of all such writings within fourteen (14) calendar days of a written request by City. City's right shall also include inspection at reasonable times of the Consultant's office or facilities which are engaged in the performance of the Scope of Work. Consultant shall, at no cost to City, furnish reasonable facilities and assistance for such review and audit. Consultant's failure to comply with this Section 6.2 shall constitute a material breach of this Agreement and shall entitle City to withhold any payment due under this Agreement until such breach is cured.

7. Consultant Is An Independent Contractor.

Consultant, in the performance of the Scope of Work, is an independent contractor and not an agent or employee of City. Consultant shall not represent itself as an agent or employee of the City and shall have no power to bind the City in contract or otherwise.

8. Business Tax Registration Certificate.

City's Office of Finance requires the implementation and enforcement of Los Angeles Municipal Code Section 21.09 et seq. This section provides that every person, other than a municipal employee, who engages in any business within City, is required to obtain the necessary Business Tax Registration Certificate and pay business taxes. The City Controller has determined that this Code Section applies to consulting firms that are doing work for City's Harbor Department. See <https://finance.lacity.org/how-register-btrc>.

9. Indemnification.

9.1 Indemnification

Except for the sole negligence or willful misconduct of the City, or any of its Boards, Officers, Agents, Employees, Assigns and Successors in Interest, Consultant undertakes and agrees to defend, indemnify and hold harmless the City and any of its

Boards, Officers, Agents, Employees, Assigns, and Successors in Interest from and against all suits and causes of action, claims, losses, demands and expenses, including, but not limited to, attorney's fees (both in house and outside counsel) and cost of litigation (including all actual litigation costs incurred by the City, including but not limited to, costs of experts and consultants), damages or liability of any nature whatsoever, for death or injury to any person, including Consultant's employees and agents, or damage or destruction of any property of either party hereto or of third parties, arising in any manner by reason of the negligent acts, errors, omissions or willful misconduct incident to the performance of this Agreement by Consultant or its subcontractors of any tier. Rights and remedies available to the City under this provision are cumulative of those provided for elsewhere in this Agreement and those allowed under the laws of the United States, the State of California, and the City.

9.2 Indemnification for Design Professional Services

To the fullest extent permitted by law (including without limitation, Section 2782.8 of the California Civil Code), when the services to be provided under this Agreement are design professional services to be performed by a design professional, as that term is defined under said Section 2782.8, Consultant shall indemnify, protect, defend and hold harmless City and any and all of its boards, officers, agents, or employees from and against all claims, charges, demands, costs, expenses (including counsel fees), judgments, civil fines and penalties, liabilities or losses of any kind or nature whatsoever which may be sustained or suffered by or secured against the City, its boards, officers, agents, and/or employees that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of Consultant, or the acts or omissions of an officer, employee, agent or Subconsultant, excepting only liability resulting from the negligence or willful misconduct of City.

10. Insurance.

10.1 Insurance procured by Consultant on Behalf of Consultant

In addition to and not as a substitute for, or limitation of, any of the indemnity obligations imposed by Section 9, Consultant shall procure and maintain at its sole cost and expense and keep in force at all times during the term of this Agreement the following insurance:

(a) Commercial General Liability Insurance

Commercial general liability insurance covering personal and advertising injury, bodily injury, and property damage providing contractual liability, independent contractors, products and completed operations, and premises/operations coverage written by an insurance company authorized to do business in the State of California rated VII, A- or better in Best's Insurance Guide (or an alternate guide acceptable to City if Best's is not available) within Consultant's normal limits of liability but not less than One Million Dollars (\$1,000,000) combined single limit for injury or claim. Said limits shall provide first dollar coverage except that Executive Director may permit a self-insured retention or self-insurance in those cases where, in his or her judgment, such

retention or self-insurance is justified by the net worth of Consultant. The retention or self-insurance provided shall provide that any other insurance maintained by the Harbor Department shall be excess of Consultant's insurance and shall not contribute to it. In all cases, regardless of any deductible or retention, said insurance shall contain a defense of suits provision and a severability of interest clause. Each policy shall name the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds.

(b) Automobile Liability Insurance

Automobile liability insurance written by an insurance company authorized to do business in the State of California rated VII, A- or better in Best's Insurance Guide (or an alternate guide acceptable to City if Best's is not available) within Consultant's normal limits of liability but not less than One Million Dollars (\$1,000,000) covering damages, injuries or death resulting from each accident or claim arising out of any one claim or accident. Said insurance shall protect against claims arising from actions or operations of the insured, or by its employees. Coverage shall contain a defense of suits provision and a severability of interest clause. Each policy shall name the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds.

(c) Workers' Compensation and Employer's Liability

Consultant shall certify that it is aware of the provisions of Section 3700 of the California Labor code which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and that Consultant shall comply with such provisions before commencing the performance of the tasks under this Agreement. Coverage for claims under U.S. Longshore and Harbor Workers' Compensation Act, if required under applicable law, shall be included. Consultant shall submit Workers' Compensation policies whether underwritten by the state insurance fund or private carrier, which provide that the public or private carrier waives its right of subrogation against the City in any circumstance in which it is alleged that actions or omissions of the City contributed to the accident. Such Worker's Compensation and occupational disease requirements shall include coverage for all employees of Consultant, and for all employees of any subcontractor or other vendor retained by Consultant.

(d) Professional Liability Insurance

Consultant is required to provide Professional Liability insurance with respect to negligent or wrongful acts, errors or omissions, or failure to render services in connection with the professional services to be provided under this Agreement. This insurance shall protect against claims arising from professional services of the insured, or by its employees, agents, or contractors, and include coverage (or no exclusion) for contractual liability.

Consultant certifies that it now has professional liability insurance in the amount of Five Million Dollars (\$5,000,000), which covers work to be performed pursuant to this Agreement and that it will keep such insurance or its equivalent in effect at all times

during performance of said Agreement and until two (2) years following acceptance of the completed project by Board.

10.2 Insurance Procured by Consultant on Behalf of City

In addition to and not as a substitute for, or limitation of, any of the indemnity obligations imposed by Section 9, and where Consultant is required to name the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds on any insurance policy required by this Agreement, Consultant shall cause City to be named as an additional insured on all policies it procures in connection with this Section 10. Consultant shall cause such additional insured status to be reflected in the original policy or by additional insured endorsement (CG 2010 or equivalent) substantially as follows:

"Notwithstanding any inconsistent statement in the policy to which this endorsement is attached, or any endorsement or certificate now or hereafter attached hereto, it is agreed that City, Board, their officers, agents and employees, are additional insureds hereunder, and that coverage is provided for all contractual obligations, operations, uses, occupations, acts and activities of the insured under Agreement No. ____, and under any amendments, modifications, extensions or renewals of said Agreement regardless of where such contractual obligations, operations, uses, occupations, acts and activities occur.

"The policy to which this endorsement is attached shall provide a 10-days notice of cancellation for nonpayment of premium, and a 30-days notice of cancellation for any other reasons to the Risk Manager.

"The coverage provided by the policy to which this endorsement is attached is primary coverage and any other insurance carried by City is excess coverage;

"In the event of one of the named insured's incurring liability to any other of the named insureds, this policy shall provide protection for each named insured against whom claim is or may be made, including claims by other named insureds, in the same manner as if separate policies had been issued to each named insured. Nothing contained herein shall operate to increase the company's limit of liability; and

"Notice of occurrences or claims under the policy shall be made to the Risk Manager of City's Harbor Department with copies to the City Attorney's Office."

10.3 Required Features of Coverages

Insurance procured by Consultant in connection with this Section 10 shall include the following features:

(a) Acceptable Evidence and Approval of Insurance

Electronic submission is the required method of submitting Consultant's insurance documents. Consultant's insurance broker or agent shall register with the City's online insurance compliance system **KwikComply** at <https://kwikcomply.org/> and

submit the appropriate proof of insurance on Consultant's behalf.

Upon request by City, Consultant shall furnish a copy of the binder of insurance and/or a full certified policy for any insurance policy required herein. This obligation is intended to, and shall, survive the expiration or earlier termination of this Agreement.

(b) Carrier Requirements

All insurance which Consultant is required to provide pursuant to this Agreement shall be placed with insurance carriers authorized to do business in the State of California and which are rated A-, VII or better in Best's Insurance Guide. Carriers without a Best's rating shall meet comparable standards in another rating service acceptable to City.

(c) Notice of Cancellation

For each insurance policy described above, Consultant shall give a 10-day prior notice of cancellation or reduction in coverage for nonpayment of premium, and a 30-day prior notice of cancellation or reduction in coverage for any other reason, by written notice via registered mail and addressed to the City of Los Angeles Harbor Department, Attn: Risk Manager and the City Attorney's Office, 425 S. Palos Verdes Street, San Pedro, California 90731.

(d) Modification of Coverage

Executive Director, at his or her sole reasonable discretion, based upon recommendation of independent insurance consultants to City, may increase or decrease amounts and types of insurance coverage required hereunder at any time during the term hereof by giving ninety (90) days' prior written notice to Consultant.

(e) Renewal of Policies

At least thirty (30) days prior to the expiration of any policy required by this Agreement, Consultant shall renew or extend such policy in accordance with the requirements of this Agreement and direct their insurance broker or agent to submit to the City's online insurance compliance system **KwikComply** at <https://kwikcomply.org/> a renewal endorsement or renewal certificate or, if new insurance has been obtained, evidence of insurance as specified above. If Consultant neglects or fails to secure or maintain the insurance required above, Executive Director may, at his or her own option but without any obligation, obtain such insurance to protect City's interests. The cost of such insurance shall be deducted from the next payment due Consultant.

10.4 Right to Self-Insure

Upon written approval by the Executive Director, Consultant may self-insure if the following conditions are met:

1. Consultant has a formal self-insurance program in place prior to execution of this Agreement. If a corporation, Consultant must

have a formal resolution of its board of directors authorizing self-insurance.

2. Consultant agrees to protect the City, its boards, officers, agents and employees at the same level as would be provided by full insurance with respect to types of coverage and minimum limits of liability required by this Agreement.
3. Consultant agrees to defend the City, its boards, officers, agents and employees in any lawsuit that would otherwise be defended by an insurance carrier.
4. Consultant agrees that any insurance carried by Department is excess of Consultant's self-insurance and will not contribute to it.
5. Consultant provides the name and address of its claims administrator.
6. Consultant submits its most recently filed 10-Q and its 10-K or audited annual financial statements for the three most recent fiscal years prior to Executive Director's consideration of approval of self-insurance and annually thereafter.
7. Consultant agrees to inform Department in writing immediately of any change in its status or policy which would materially affect the protection afforded Department by this self-insurance.
8. Consultant has complied with all laws pertaining to self-insurance.

10.5 Accident Reports

Consultant shall report in writing to Executive Director within fifteen (15) calendar days after it, its officers or managing agents have knowledge of any accident or occurrence involving death of or injury to any person or persons, or damage in excess of Five Hundred Dollars (\$500.00) to property, occurring upon the premises, or elsewhere within the Port of Los Angeles if Consultant's officers, agents or employees are involved in such an accident or occurrence. Such report shall contain to the extent available (1) the name and address of the persons involved, (2) a general statement as to the nature and extent of injury or damage, (3) the date and hour of occurrence, (4) the names and addresses of known witnesses, and (5) such other information as may be known to Consultant, its officers or managing agents.

11. Personal Services Agreement.

11.1 During the term of this Agreement, Consultant agrees that it will not enter into other contracts or perform any work without the written permission of the Executive Director where the work may conflict with the interests of City's Harbor Department.

11.2 Consultant acknowledges that it has been selected to perform the Scope of Work because of its experience, qualifications and expertise. Any assignment or other

transfer of this Agreement or any part hereof shall be void provided, however, that Consultant may permit Subconsultant(s) to perform portions of the Scope of Work in accordance with Section 2.3. All Subconsultants whom Consultant utilizes, however, shall be deemed to be its agents. Subconsultants' performance of the Scope of Work shall not be deemed to release Consultant from its obligations under this Agreement or to impose any obligation on the City to such Subconsultant(s) or give the Subconsultant(s) any rights against the City.

12. Confidentiality.

Consultant shall not disclose any proprietary or confidential information of City to any third party or parties during or after the term of this Agreement without the prior written consent of City. The data, documents, reports, or other materials which contain information relating to the review, documentation, analysis and evaluation of the Scope of Work and any recommendations made by Consultant relative thereto shall be considered confidential and shall not be reproduced, altered, used or disseminated by Consultant or its employees or agents in any manner except and only to the extent necessary in the performance of the work under this Agreement. In addition, Consultant is required to safeguard such information from access by unauthorized personnel.

13. Affirmative Action.

Consultant shall not discriminate in its employment practices against any employee or applicant for employment because of employee's or applicant's race, religion, national origin, ancestry, sex, age, sexual orientation, disability, marital status, domestic partner status, or medical condition. The provisions of Section 10.8.4 of the Los Angeles Administrative Code are incorporated herein by this reference and made a part of this Agreement. All subcontracts awarded shall contain a like nondiscrimination provision. See Exhibit "I."

14. Small/Very Small Business Enterprise Program and Local Business Preference Program.

It is the policy of City's Harbor Department to provide Small Business Enterprises (SBE), Very Small Business Enterprises (VSBE) and Minority-Owned, Women-Owned, Disabled Veteran Business Enterprises, and all Other Business Enterprises (MBE/WBE/DVBE/OBE) an equal opportunity to participate in the performance of all City contracts in all areas where such contracts afford such participation opportunities. Consultant shall assist City's Harbor Department in implementing this policy and shall use its best efforts to afford the opportunity for SBEs, VSBEs, MBEs, WBEs, DVBEs, and OBEs to achieve participation in subcontracts where such participation opportunities present themselves and attempt to ensure that all available business enterprises, including SBEs, VSBEs, MBEs, WBEs, DVBEs, and OBEs, have equal participation opportunities which might be presented under this Agreement. See Exhibit "J."

It is also the policy of the Department to support an increase in local and regional jobs. The Department's Local Business Preference Program aims to benefit the Southern California region by increasing jobs and expenditures within the local and regional private sector. Consultant shall assist the City in implementing this policy and shall use its best efforts to afford the opportunity for Local Business Enterprises to

achieve participation in subcontracts where such participation opportunities present themselves.

NOTE: Prior to being awarded a contract with the City, Consultant and all Subconsultants must be registered on the City's Contracts Management and Opportunities Database, Los Angeles Business Assistance Virtual Network (LABAVN), at <http://www.labavn.org>.

15. Conflict of Interest.

Consultant has reviewed and understands the provisions of Section 1090 et seq. and Section 87100 et seq. of the California Government Code relating to conflict of interest of public officers and employees, as well as the Los Angeles Municipal Code ("LAMC") Municipal Ethics and Conflict of Interest provisions of Section 49.5.1 et seq. and the Conflict of Interest Codes of the City and City's Harbor Department. All parties hereto agree that they are unaware of any financial or economic interest of any public officer or employee of City relating to this Agreement. Notwithstanding any other provision of this Agreement, it is further understood and agreed that if such financial interest does exist at the inception of this Agreement, City may immediately terminate this Agreement by giving written notice thereof. Consultant's signature of this Agreement constitutes its affirmation that any former employees of City or City's Harbor Department that are employed by Consultant and that assist in performing the Scope of Work shall be free of any conflicts of interest with respect to City and City's Harbor Department.

During the term of this Agreement, Consultant shall inform the Department in writing when Consultant, or any of its Subconsultants, employs or hires in any capacity, and for any length of time, a person who has worked for the Department as a Commissioner, officer or employee. Said notice shall include the individual's name and current position and their prior position and years of employment with the Department. Written notice shall be provided by Consultant to the Department within thirty (30) days of the employment or hiring of the individual.

16. Compliance with Applicable Laws.

Consultant's activities under this Agreement, including its performance of the Scope of Work, shall comply with all federal, state, municipal, local and departmental laws, ordinances, rules, regulations, and orders. If in any instance a City standard is more stringent than a state, federal or other requirement, the City standard shall be followed unless the Engineer notifies the Consultant otherwise in writing, in which case the requirements of said notification shall apply.

17. Trademarks, Copyrights and Patents.

Consultant shall promptly and fully inform Engineer in writing of any patents, trademarks or copyrights related to services provided under this Agreement or patent trademark or copyright disputes, existing or potential, which Consultant has knowledge of, relating to any idea, design, method, material, equipment or other matter connected to this Agreement. Consultant agrees to save, keep, hold harmless, protect and indemnify City and any of its officers or agents from any damages, cost, or expenses in law or equity from infringement of any patent, trademark, service mark or copyright of

any person or persons, or corporations in consequence of the use by City of any materials supplied by Consultant in the performance of this Agreement.

18. Proprietary Information.

Writings, as that term is defined in Section 250 of the California Evidence Code (including, without limitation, drawings, specifications, estimates, reports, records, reference material, data, charts, documents, renderings, computations, computer tapes or disks, submittals and other items of any type whatsoever, whether in the form of writing, figures or delineations), which are obtained, generated, compiled or derived in connection with this Agreement (collectively hereafter referred to as "property"), are owned by City as soon as they are developed, whether in draft or final form. City has the right to use or permit the use of property and any ideas or methods represented by such property for any purpose and at any time without compensation other than that provided in this Agreement. Consultant hereby warrants and represents that City at all times owns rights provided for in this section free and clear of all third-party claims whether presently existing or arising in the future, whether or not presently known. Consultant need not obtain for City the right to use any idea, design, method, material, equipment or other matter which is the subject of a valid patent, unless such patent is owned by Consultant or one of its employees, or its Subconsultant or the Subconsultant's employees, in which case such right shall be obtained without additional compensation. Whether or not Consultant's initial proposal or proposals made during this Agreement are accepted by City, it is agreed that all information of any nature whatsoever connected with the Scope of Work, regardless of the form of communication, which has been or may be given by Consultant, its Subconsultants or on either's behalf, whether prior or subsequent to this Agreement becoming effective, to the City, its boards, officers, agents or employees, is not given in confidence. Accordingly, City or its designees may use or disclose such information without liability of any kind, except as may arise under valid patents.

19. Royalty-Free License.

If research or development is furnished in connection with this Agreement and if, in the course of such research or development, patentable work product is produced by Consultant, its officers, agents, employees, or Subconsultants, the City shall have, without cost or expense to it, an irrevocable, non-exclusive royalty-free license to make and use, itself or by anyone on its behalf, such work product in connection with any activity now or hereafter engaged in or permitted by City. Upon City's request, Consultant, at its sole cost and expense, shall promptly furnish or obtain from the appropriate person a form of license satisfactory to the City. It is expressly understood and agreed that, as between City and Consultant, the referenced license shall arise for City's benefit immediately upon the production of the work product, and is not dependent on the written license specified above. City may transfer such license to its successors in the operation or ownership of any real or personal property now or hereafter owned or operated by City.

20. City's Disclosure Obligations.

Consultant acknowledges that City is subject to laws, rules and/or regulations generally requiring it to disclose records upon request, which laws, rules and/or regulations include, but are not limited to, the California Public Records Act (California Government Code Sections 6250 et seq.) ("Disclosure Laws").

21. Notices.

In all cases where written notice is to be given under this Agreement, service shall be deemed sufficient if said notice is deposited in the United States mail, postage prepaid. When so given, such notice shall be effective from the date of mailing of the same. For the purpose hereof, unless otherwise provided by notice in writing from the respective parties, notice to City's Harbor Department shall be addressed to Director of Development, Los Angeles Harbor Department, P.O. Box 151, San Pedro, California 90733-0151, and notice to Consultant shall be addressed to it at the address set forth above. Nothing herein contained shall preclude or render inoperative service of such notice in the manner provided by law.

22. Taxpayer Identification Number ("TIN").

The Internal Revenue Service (IRS) requires that all consultants and suppliers of materials and supplies provide a TIN to the party that pays them. Consultant declares that it has an authorized TIN which shall be provided to the Department prior to payment under this Agreement. No payments will be made under this Agreement without a valid TIN.

23. Service Contractor Worker Retention Policy and Living Wage Requirements.

The Board of Harbor Commissioners of the City of Los Angeles adopted Resolution Nos. 19-8419 and 19-8420 on January 24, 2019, adopting the provisions of Los Angeles City Ordinance No. 185356 relating to Service Contractor Worker Retention ("SCWR"), Section 10.36 et seq. of the Los Angeles Administrative Code, as the policy of City's Harbor Department. Further, Charter Section 378 requires compliance with the City's Living Wage requirements as set forth by ordinance, Section 10.37 et seq. of the Los Angeles Administrative Code. Consultant shall comply with the policy wherever applicable. Violation of this provision, where applicable, shall entitle City to terminate this Agreement and otherwise pursue legal remedies that may be available.

24. Wage and Earnings Assignment Orders/Notices of Assignments.

Consultant and Subconsultants shall comply with all applicable state and federal employment reporting requirements for employees.

Consultant and Subconsultants shall certify that the principal owner(s) are in compliance with any Wage and Earnings Assignment Orders and Notices of Assignments applicable to them personally. Consultant and Subconsultants shall fully comply with all lawfully served Wage and Earnings Assignment Orders and Notices of Assignments in accordance with Section 5230 et seq. of the California Family Code.

25. Equal Benefits Policy.

Board adopted Resolution No. 6328 on January 12, 2005, agreeing to adopt the provisions of Los Angeles City Ordinance No. 172,908, as amended, relating to Equal Benefits, Section 10.8.2.1 et seq. of the Los Angeles Administrative Code, as a policy of City's Harbor Department. Consultant shall comply with the policy wherever applicable. Violation of this policy shall entitle the City to terminate any agreement with Consultant and pursue any and all other legal remedies that may be available. See Exhibit "K."

26. Compliance With Los Angeles City Charter Section 470(c)(12).

The Consultant, Subconsultants, and their Principals are obligated to fully comply with City of Los Angeles Charter Section 470(c)(12) and related ordinances, regarding limitations on campaign contributions and fundraising for certain elected City officials or candidates for elected City office if the agreement is valued at \$100,000 or more and requires approval of a City elected official. Additionally, Consultant is required to provide and update certain information to the City as specified by law. Any Consultant subject to Charter Section 470(c)(12), shall include the following notice in any contract with a subconsultant expected to receive at least \$100,000 for performance under this Agreement:

Notice Regarding Los Angeles Campaign Contribution and Fundraising Restrictions

As provided in Charter Section 470(c)(12) and related ordinances, you are a subconsultant on Harbor Department Agreement No. _____. Pursuant to City Charter Section 470(c)(12), subconsultant and its principals are prohibited from making campaign contributions and fundraising for certain elected City officials or candidates for elected City office for 12 months after the Agreement is signed. Subconsultant is required to provide to Consultant names and addresses of the subconsultant's principals and contact information and shall update that information if it changes during the 12 month time period. Subconsultant's information must be provided to Consultant within 10 business days. Failure to comply may result in termination of the Agreement or any other available legal remedies including fines. Information about the restrictions may be found at the City Ethics Commission's website at <http://ethics.lacity.org/> or by calling 213-978-1960.

Consultant, Subconsultants, and their Principals shall comply with these requirements and limitations. Violation of this provision shall entitle the City to terminate this Agreement and pursue any and all legal remedies that may be available.

27. State Tidelands Grants.

This Agreement is entered into in furtherance of and as a benefit to the State Tidelands Grant and the trust created thereby. Therefore, this Agreement is at all times subject to the limitations, conditions, restrictions and reservations contained in and

prescribed by the Act of the Legislature of the State of California entitled "An Act Granting to the City of Los Angeles the Tidelands and Submerged Lands of the State Within the Boundaries of Said City," approved June 3, 1929 (Stats. 1929, Ch. 651), as amended, and provisions of Article VI of the Charter of the City of Los Angeles relating to such lands. Consultant agrees that any interpretation of this Agreement and the terms contained herein must be consistent with such limitations, conditions, restrictions and reservations.

28. Construction of Agreement.

This Agreement shall not be construed against the party preparing the same, shall be construed without regard to the identity of the person who drafted such and shall be construed as if all parties had jointly prepared this Agreement and it shall be deemed their joint work product; each and every provision of this Agreement shall be construed as though all of the parties hereto participated equally in the drafting hereof; and any uncertainty or ambiguity shall not be interpreted against any one party. As a result of the foregoing, any rule of construction that a document is to be construed against the drafting party shall not be applicable.

29. Titles and Captions.

The parties have inserted the section titles in this Agreement only as a matter of convenience and for reference, and the section titles in no way define, limit, extend or describe the scope of this Agreement or the intent of the parties in including any particular provision in this Agreement.

30. Modification in Writing.

This Agreement may be modified only by written agreement of all parties. Any such modifications are subject to all applicable approval processes required by, without limitation, City's Charter and City's Administrative Code.

31. Waiver.

A failure of any party to this Agreement to enforce the Agreement upon a breach or default shall not waive the breach or default or any other breach or default. All waivers shall be in writing.

32. Governing Law.

This Agreement is made and entered into in the State of California and shall in all respects be construed, interpreted, enforced and governed under and by the laws of the State of California, without reference to choice of law rules.

33. Severability.

Should any part, term, condition or provision of this Agreement be declared or determined by any court of competent jurisdiction to be invalid, illegal or incapable of being enforced by any rule of law, public policy, or city charter, the validity of the remaining parts, terms, conditions or provisions of this Agreement shall not be affected

thereby, and such invalid, illegal or unenforceable part, term, condition or provision shall be treated as follows: (a) if such part, term, condition or provision is immaterial to this Agreement, then such part, term, condition or provision shall be deemed not to be a part of this Agreement; or (b) if such part, term, condition or provision is material to this Agreement, then the parties shall revise the part, term, condition or provision so as to comply with the applicable law or public policy and to effect the original intent of the parties as closely as possible.

34. Jurisdiction.

The parties hereto consent to the jurisdiction of the State of California for the enforcement of this Agreement.

35. Integrated Agreement.

This Agreement contains the entire understanding and agreement between the parties hereto with respect to the matters referred to herein. No other representations, covenants, undertakings, or prior or contemporaneous agreements, oral or written, regarding such matters which are not specifically contained, referenced, and/or incorporated into this Agreement by reference shall be deemed in any way to exist or bind any of the parties. Each party acknowledges that it has not been induced to enter into the Agreement and has not executed the Agreement in reliance upon any promises, representations, warranties or statements not contained, referenced, and/or incorporated into the Agreement. **THE PARTIES ACKNOWLEDGE THAT THIS AGREEMENT IS INTENDED TO BE, AND IS, AN INTEGRATED AGREEMENT.**

36. Exhibits; Sections.

All exhibits to which reference is made in this Agreement are deemed incorporated in this Agreement, whether or not actually attached. To the extent the terms of an exhibit conflict with or appear to conflict with the terms of the body of the Agreement, the terms of the body of the Agreement shall control. References to sections are to sections of this Agreement unless stated otherwise.

37. Counterparts.

This Agreement may be executed in any number of counterparts, each of which shall be deemed an original and all of which shall constitute together one and the same instrument.

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IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the date next to their signatures.

THE CITY OF LOS ANGELES, by its
Board of Harbor Commissioners

Date: _____

By: _____
EUGENE D. SEROKA
Executive Director

Attest: _____
Secretary

DR CONSULTANTS & DESIGNERS,
INC.

Date: 10/23/19

By: _____


Name: WANDA M. MARTINEZ

Title: CEO

Attest: _____


Name: Anahita Gholami

Title: Accountant

APPROVED AS TO FORM AND LEGALITY
10-29, 2019
MICHAEL N. FEUER, City Attorney
Janna B. Sidley, General Counsel

By: _____
Minah Park, Deputy

Account #	<u>54220</u>	W.O. #	<u>11111</u>
Ctr/Div #	<u>1900/311</u>	Job Fac. #	<u>111-11</u>
Proj/Prog #	<u>000</u>		

Fiscal Year	MIP (311)	CIP(1900)	Total
FY 2019/2020	\$ 12,000	\$ 200,000	\$ 212,000
FY 2020/2021	\$ 60,000	\$ 1,170,000	\$ 1,230,000
FY 2021/2022	\$ 60,000	\$ 1,170,000	\$ 1,230,000
FY 2022/2023	\$ 20,000	\$ 308,000	\$ 328,000
TOTAL	\$ 152,000	\$ 2,848,000	\$ 3,000,000

For Acct/Budget Div. Use Only:

Verified by: Fdh
Verified Funds Available: Fdh
Date Approved: 10/28/19

EXHIBIT "A"
ON-CALL ENGINEERING SERVICES

PROGRAM DESCRIPTION

The On-Call Engineering Services Agreements will provide the Engineering Division with on-call as needed engineering and architectural services to support the Department's Capital Improvement Program (CIP) and Maintenance Improvement Program (MIP) Program.

Attached to this Exhibit is the CIP Status Report, listing projects that may require on-call engineering services. This report is included for general information as to the size and type of projects that may be completed under the On-Call Engineering Services program for CIP and MIP projects. The Department reserves the right to add or remove projects as necessary as may be in the Department's best interest.

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
I. Terminals														
Berth 90-93 - World Cruise Center														
1. B. 93 - Cruise Terminal - Customs and Border Protection Improvements (2525300)	1007	Leon, Laura	Completed	\$3,492,702	04/13/15	^A 04/11/15	01/31/17	^A 02/12/17	100%	07/01/17	^A 06/12/17	07/31/18	^A 03/31/18	100%
2. B. 91-93 - Alternative Maritime Power (AMP) Upgrade and Retrofit (2527300)	1186	Aboulhosn, Shawki	Completed	\$13,840,000	11/17/14	^A 11/17/14	03/23/16	^A 03/23/16	100%	11/15/16	^A 11/15/16	06/21/18	^A 06/21/18	100%
3. B. 93 - Replacement of Elevator No. 6 (2528700)	1007	Smith, Charles	Construction	\$288,546	08/04/14	^A 08/04/14	08/04/14	^A 08/04/14	N/A	12/31/15	^A 12/31/15	12/31/18	01/31/19	98%
4. B. 93 - Elevator No. 4 Modernization (2534600)	1007	Smith, Charles	Construction	\$280,530	06/30/15	^A 06/30/15	06/30/15	^A 06/30/15	N/A	01/27/16	^A 01/27/16	12/31/18	01/31/19	75%
5. B. 93 - Install Two New Elevators at the Cruise Terminal (2543900)	1007	Leon, Laura	Design	\$4,757,350	02/01/17	^A 02/01/17	01/17/19	01/17/19	95%	07/19/19	07/19/19	06/30/20	06/30/20	0%
6. B. 91-93 - Cruise Terminal - Passenger Access (2546900)	1007	Leon, Laura	Construction	\$100,000	10/15/17	^A 10/15/17	04/12/18	^A 01/01/18	100%	04/13/18	^A 04/07/18	10/09/18	01/31/19	80%
7. B. 91-92 - Cruise Terminal - Escalator Modernization (2547400)	1007	Reeser, Kenneth	Construction	\$924,000	07/17/17	^A 07/17/17	07/17/17	^A 07/17/17	N/A	09/01/18	^A 12/01/18	12/31/19	12/31/19	5%
8. B. 93 - Engineering Records Vault Relocation and Improvements (2549900)	1007	Leon, Laura	Construction	\$187,000	04/11/18	^A 04/11/18	06/02/18	^A 06/02/18	100%	06/03/18	^A 06/03/18	06/30/19	06/30/19	60%
9. B. 93 - Vehicular and Pedestrian Ramp Repair (2553000)	1007	Reeser, Kenneth	Planning	\$936,000	01/01/19	01/15/19	02/28/19	02/28/19	N/A	06/01/19	06/01/19	12/31/19	12/31/19	0%
10. B. 91-92 - Passenger Terminal - Ceiling Tile Replacement (2553900)	1007	Hazelett, Phil	Bid (Adv.) and Award	\$222,000	12/31/18	^A 12/31/18	12/31/18	^A 12/31/18	N/A	03/01/19	03/01/19	04/30/19	04/30/19	0%
BERTH 90-93 - WORLD CRUISE CENTER TOTAL				\$25,028,128										
Berth 100-102 - China Shipping Container Terminal														
1. B. 100-102 - Marine Operations Building (2454300)	1042	Kim, Jin	Hold	\$13,800,000	02/12/12	^A 02/12/12	08/31/14	^A 08/31/14	100%	12/01/15	02/01/16	04/30/17	04/30/17	0%
2. B. 100-102 - Crane Maintenance Building (2502600)	1042	Kim, Jin	Hold	\$5,700,000	10/01/13	^A 10/01/13	08/31/14	^A 08/31/14	100%	12/01/15	02/01/16	04/30/17	04/30/17	0%
3. B. 97 - 109 - China Shipping Container Terminal Supplemental EIR (2535300)	1042	Ochsner, Lisa	Environmental	\$2,376,500	05/15/15	^A 05/15/15	05/15/15	^A 05/15/15	N/A	05/15/15	^A 05/15/15	09/30/19	09/30/19	80%
BERTH 100-102 - CHINA SHIPPING CONTAINER TERMINAL TOTAL				\$21,876,500										
Berth 121-131 - Yang Ming Container Terminal														
1. Phase I & II														
1. B. 121-131 - Wharf Upgrades (2449000)	1162	Kim, Jin	Hold	\$106,700,000	01/07/15	^A 07/01/15	04/10/16	04/10/16	5%	10/11/16	10/11/16	04/10/18	04/10/18	0%
2. B. 121-131 - West Basin Intermodal Container Transfer Facility (WBICTF) Expansion (2481000)	1162	Kim, Jin	Hold	\$11,100,000	01/07/15	01/07/15	04/10/16	04/10/16	0%	10/11/16	10/11/16	04/10/18	04/10/18	0%
3. B. 121-131 - Terminal Redevelopment - Planning and Environmental (2523200)	1162	Wunder, Lisa	Environmental	\$4,215,241	05/30/13	^A 05/30/13	05/30/13	^A 05/30/13	N/A	05/30/13	^A 05/30/13	11/30/18	11/30/18	75%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
4. 2001 John S. Gibson Blvd - Yang Ming Administration Building Improvements (2545900)	1207	Reeser, Kenneth	Completed	\$320,702	08/27/17	A 09/10/17	09/09/17	A 09/10/17	N/A	11/05/17	A 11/10/17	06/02/18	A 05/17/18	100%
PHASE I & II TOTAL				\$122,335,943										
BERTH 121-131 - YANG MING CONTAINER TERMINAL TOTAL				\$122,335,943										
Berth 135-147 - TRAPAC Container Terminal														
1. B. 142-143 - Backland Improvements - Phases 2-4 (2449800)	1103	Newbold, Adrienne	Completed	\$120,726,870	09/16/05	A 09/16/05	09/09/13	A 09/09/13	100%	03/03/14	A 03/03/14	03/22/17	A 02/15/17	100%
2. B. 142-147 - ICTF (2455100)	1161	Shimabukuro, Geraldine	Completed	\$73,965,000	08/23/12	A 08/23/12	09/08/13	A 09/08/13	100%	02/03/14	A 02/03/14	05/22/16	A 04/22/16	100%
3. R.B. 136-139 - Terminal Buildings & Main Gate (2458500)	1103	Sanchez, Marco	Completed	\$79,215,000	08/31/06	A 08/31/06	08/22/12	A 08/22/12	100%	02/11/13	A 02/11/13	11/20/15	A 01/07/16	100%
4. B. 144-145 - Backland Improvements - Phase 1C (2513100)	1103	Newbold, Adrienne	Closed	\$44,992,018	10/29/11	A 10/29/11	12/03/12	A 12/03/12	100%	04/15/13	A 04/15/13	05/19/14	A 04/24/14	100%
5. B. 145-147 - Backland Improvements - Phase 1B (2514300)	1103	Newbold, Adrienne	Completed	\$11,790,244	10/28/11	A 10/28/11	08/21/12	A 08/21/12	100%	02/12/13	A 02/12/13	02/28/14	A 02/28/14	100%
6. B. 142 - Crane Maintenance Building (2517700)	1103	Sar, Christina	Completed	\$9,229,000	12/16/12	A 12/16/12	01/31/15	A 01/31/15	100%	01/02/16	A 10/26/15	08/02/17	A 05/22/17	100%
7. B. 144-145 - Storm Drain Improvements (2547200)	1103	Newbold, Adrienne	Bid (Adv.) and Award	\$375,000	10/28/17	A 10/28/17	12/31/18	A 11/01/18	100%	06/30/19	01/30/19	12/26/19	07/30/19	0%
BERTH 135-147 - TRAPAC CONTAINER TERMINAL TOTAL				\$340,293,132										
Berth 171-181 - Development														
1. B. 177-178 - Wharf Restoration (2538900)	1187	Ragusa, Angela	Design	\$9,420,000	11/01/17	A 11/01/17	04/30/19	04/30/19	40%	11/01/19	11/01/19	04/30/20	04/30/20	0%
2. B. 179-181 - Wharf and Bollard Repair (2543300)	1187	Kim, Taewon	Bid (Adv.) and Award	\$1,240,000	02/01/17	A 02/01/17	03/30/18	A 03/30/18	100%	10/01/19	10/01/19	02/28/20	02/28/20	0%
3. B. 176-179 - Electrical Infrastructure Improvements (2544100)	1187	Baird, Scott	Design	\$3,800,000	12/12/17	A 12/12/17	07/15/19	07/15/19	54%	01/04/20	01/04/20	04/30/21	04/30/21	0%
4. B. 179-181 - Window Upgrade and Roll Up Door Replacement (2553100)	1187	Reeser, Kenneth	Environmenta l	\$975,000	03/31/19	03/31/19	04/30/19	04/30/19	0%	07/01/19	07/01/19	06/30/20	06/30/20	0%
BERTH 171-181 - DEVELOPMENT TOTAL				\$15,435,000										
Berth 212-224 - YTI Container Terminal														
1. B. 214 - 220 - Redevelopment (2519800)	1165	Han, Edward	Completed	\$44,557,782	04/17/13	A 04/17/13	02/25/15	A 03/25/15	100%	07/14/15	A 09/08/15	05/12/17	A 05/12/17	100%
2. B. 214-220 - Alternative Maritime Power (AMP) Improvements (2532500)	1186	Han, Edward	Completed	\$10,889,810	04/17/14	A 04/17/14	03/25/15	A 03/25/15	100%	09/08/15	A 09/08/15	05/12/17	A 05/12/17	100%
3. B. 212-224 - Intermodal Container Transfer Facility (ICTF) Expansion (2533300)	1165	Han, Edward	Completed	\$6,455,400	04/01/13	A 04/01/13	04/29/16	A 04/29/16	100%	10/03/16	A 04/19/17	10/02/17	A 12/31/17	100%
4. B. 214-220 - 480V Main Breakers Replacement (2533500)	1165	Aboulhosn, Shawki	Completed	\$900,804	12/04/14	A 12/04/14	02/12/15	A 02/12/15	100%	07/14/15	A 09/08/15	05/12/17	A 04/14/17	100%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
5. B. 214 - 220 - Concrete Wharf Inspection and Improvements (2537800)	1165	Nguyen, Long	Hold	\$10,603,000	07/16/16	^A 07/16/16	05/31/18	05/31/18	95%	12/01/18	12/01/18	09/30/20	09/30/20	0%
6. B. 218-220 Concrete Pavement Improvement (2546600)	1165	Han, Edward	Hold	\$837,000	12/01/17	^A 12/01/17	03/31/18	^A 03/31/18	100%	09/01/18	09/01/18	12/31/18	12/31/18	0%
BERTH 212-224 - YTI CONTAINER TERMINAL TOTAL				\$74,243,796										
Berth 222-236 - Development														
1. B. 226-236 - Terminal Improvements - Planning and Environmental (2524200)	1155	Correa, Brian	Completed	\$4,269,706	09/04/14	^A 09/04/14	09/04/14	^A 09/04/14	N/A	09/04/14	^A 09/04/14	12/31/17	^A 10/19/17	100%
2. B. 228-230 - Alternative Maritime Power (AMP) Upgrade and Retrofit (2529400)	1186	Correa, Brian	Bid (Adv.) and Award	\$7,000,000	09/16/14	^A 09/16/14	09/28/18	^A 11/16/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
3. B. 226-236 Terminal Improvements - Wharf and Backlands (2531200)	1155	Correa, Brian	Bid (Adv.) and Award	\$41,311,840	09/19/14	^A 09/19/14	09/28/18	^A 11/16/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
4. B. 226-236 - Terminal Infrastructure Reconstruction (2539400)	1155	Correa, Brian	Bid (Adv.) and Award	\$14,852,400	03/14/16	^A 03/14/16	09/28/18	^A 11/16/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
5. B. 226 - Electrical Infrastructure for E-Truck Plug-In and LNG Fueling Stations (2544000)	1155	Hoang, Dac	Construction	\$380,000	05/03/17	^A 05/03/17	08/31/17	^A 08/31/17	100%	09/01/17	^A 09/01/17	12/31/18	01/31/19	98%
6. B. 226-236 - Advanced Cargo Handling Demonstration (2545300)	1155	Hoang, Dac	Bid (Adv.) and Award	\$2,000,000	07/11/17	^A 07/11/17	09/28/18	^A 11/15/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
BERTH 222-236 - DEVELOPMENT TOTAL				\$69,813,946										
Berth 300-306 - Development														
1. R.B. 301-305 - Buildings, Gates, and Backland Development (2489000)	1134	Harne, Melissa	Closed	\$607,716	01/02/13	^A 01/02/13	08/04/17	08/04/17	2%	02/01/18	02/01/18	01/21/20	01/21/20	0%
2. B. 306 - Wharf and Backland Development (2489100)	1134	Cisneros, Hugo	Hold	\$163,000,000	01/05/09	^A 01/05/09	02/01/17	02/01/17	59%	02/01/18	02/01/18	01/21/20	01/21/20	0%
3. B. 302-305 - Crane Switchgear Modernization (2552900)	1134	Basha, George	Design	\$1,775,000	01/01/19	^A 01/01/19	02/28/19	02/28/19	5%	10/01/19	10/01/19	04/30/21	04/30/21	0%
BERTH 300-306 - DEVELOPMENT TOTAL				\$165,382,716										
Berth 400-409 - Development														
1. B. 402-403 - Expansion Joint Repaving (2536300)	1140	Le, Chinh	Closed	\$272,986	08/18/15	^A 08/18/15	08/09/16	^A 08/09/16	100%	03/01/18	^A 02/05/18	11/28/18	^A 03/20/18	100%
2. Pier 400 Corridor Storage Tracks Expansion (2543500)	1140	Lai, Sue	Design	\$34,015,000	07/15/18	^A 07/15/18	12/31/19	12/31/19	30%	07/01/20	07/01/20	12/31/21	12/31/21	0%
3. Pier 400 Pavement Replacement (2550400)	1140	Honeybone, Christine	Completed	\$115,469	06/14/18	^A 06/14/18	06/14/18	^A 06/14/18	100%	06/30/18	^A 06/25/18	07/29/18	^A 07/20/18	100%
BERTH 400-409 - DEVELOPMENT TOTAL				\$34,403,455										
Motems														
1. B. 238-239 - MOTEMS - PBF Energy (2489900)	1195	Robledo, Jose	Design	\$25,675,000	08/29/18	^A 08/29/18	10/21/19	10/21/19	40%	04/27/20	04/27/20	04/30/21	04/30/21	0%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Start Projected	Baseline	Finish Projected		Baseline	Start Projected	Baseline	Finish Projected	
2. B. 167-169 - MOTEMS- Shell (2493600)	1195	Robledo, Jose	Design	\$22,540,338	12/09/13	^A 12/09/13	01/28/19	01/28/19	95%	01/07/20	01/07/20	01/24/22	01/24/22	0%
3. B. 163 - MOTEMS- NuStar (2493700)	1195	Robledo, Jose	Hold	\$23,976,000	07/04/17	07/04/17	07/02/18	07/02/18	0%	06/11/19	06/11/19	06/08/20	06/08/20	0%
4. B. 148-151 - MOTEMS- Phillips 66 (2493800)	1195	Robledo, Jose	Design	\$24,626,142	02/05/18	^A 02/05/18	09/30/19	09/30/19	10%	03/31/20	03/31/20	03/29/21	03/29/21	0%
5. B. 164 - MOTEMS - Valero (2493900)	1195	Robledo, Jose	Design	\$26,655,000	08/11/17	^A 08/11/17	03/08/19	03/08/19	80%	09/16/19	03/14/20	09/18/20	09/18/20	0%
6. B. 187-191 - MOTEMS- Vopak (2494000)	1195	Robledo, Jose	Hold	\$61,561,271	06/03/16	06/03/16	02/16/17	02/16/17	0%	07/14/17	07/14/17	01/10/19	01/10/19	0%
7. B. 163 - MOTEMS Repairs - Nustar (2524400)	1195	Robledo, Jose	Completed	\$1,258,598	10/03/13	^A 10/03/13	05/31/14	^A 05/31/14	100%	03/09/15	^A 03/09/15	08/07/17	^A 05/12/17	100%
8. B. 164 - MOTEMS Repairs - Valero (2524500)	1195	Robledo, Jose	Completed	\$979,093	10/03/13	^A 10/03/13	05/31/14	^A 05/31/14	100%	03/09/15	^A 03/09/15	08/07/17	^A 05/12/17	100%
9. B. 187-190 - MOTEMS Repairs - Vopak (2524600)	1195	Robledo, Jose	Closed	\$448,310	09/03/16	^A 07/18/16	09/03/17	^A 09/03/17	25%	12/05/17	^A 02/05/18	12/05/18	^A 12/05/18	0%
10. B. 148-149 - MOTEMS Repairs - Phillips 66 (2539800)	1195	Sanchez, Marco	Bid (Adv.) and Award	\$3,955,000	08/09/16	^A 08/09/16	08/05/18	^A 09/04/18	100%	02/07/19	07/28/19	02/07/20	02/07/20	0%
11. B. 163 - 164 - MOTEMS Repairs - Nustar/Valero - Phase 2 (2548300)	1195	Sanchez, Marco	Construction	\$600,000	03/30/18	^A 03/30/18	07/13/18	^A 08/12/18	100%	07/23/18	^A 09/11/18	03/15/19	03/15/19	5%
MOTEMS TOTAL				\$192,274,752										
Miscellaneous Terminal Improvements														
1. B. 196-199 - Wharf Rehabilitation (2516600)	1171	Le, Chinh	Construction	\$14,300,000	03/04/14	^A 03/04/14	02/22/16	^A 02/22/16	100%	08/07/17	^A 08/07/17	07/19/19	07/19/19	93%
2. B. 240 A, B, & C - Seawall Improvements - PBF Energy (2537600)	1001	Sanchez, Marco	Completed	\$4,500,000	05/03/16	^A 05/03/16	09/14/17	^A 10/16/17	100%	11/06/17	^A 04/30/18	11/06/18	^A 08/31/18	100%
3. New Dredge Material Disposal Site (2542800)	1002	Kim, Taewon	Closed	\$0	07/03/17	^A 07/03/17	07/03/17	^A 07/03/17	N/A	07/03/17	^A 07/03/17	07/31/21	07/31/21	N/A
4. B. 243-245 - Confined Disposal Facility Modifications (2547700)	1002	Kim, Taewon	Design	\$2,500,000	12/01/17	^A 12/01/17	03/01/20	03/01/20	40%	05/02/18	07/01/19	11/01/25	11/01/25	0%
5. R.B. 206-209 - Demolition (2547800)	1156	Gutierrez, Mimi	Design	\$3,310,000	09/01/18	^A 09/01/18	02/28/19	02/28/19	95%	09/01/19	09/01/19	05/31/20	05/31/20	0%
6. R.B. 147-151 - Sanitary Sewer Rehabilitation (2548200)	1002	Vazquez, Lizeth	Hold	\$420,000	03/01/18	^A 03/01/18	07/31/18	^A 07/31/18	100%	10/01/18	10/01/18	01/31/19	01/31/19	0%
7. B. 240X So Cal Ship Services - Parking Lot Design (2550600)	1002	Harne, Melissa	Design	\$40,000	06/22/18	^A 08/20/18	10/19/18	02/28/19	10%	10/19/18	02/28/19	10/19/18	02/28/19	0%
MISCELLANEOUS TERMINAL IMPROVEMENTS TOTAL				\$25,070,000										
TERMINALS TOTAL				\$1,086,157,369										
II. Transportation														
Transportation Improvements														

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
1. South Wilmington Grade Separation (2423600)	1172	Martinez, Guillermo	Completed	\$70,078,430	06/01/05	A 06/01/05	06/27/12	A 06/27/12	100%	02/18/13	A 02/18/13	03/31/15	A 03/31/15	100%
2. I-110/SR 47 Connector Improvement (2466100)	1172	Konareddy, Prashant	Completed	\$16,937,052	08/18/08	A 08/18/08	06/19/13	A 06/19/13	100%	11/18/13	A 11/18/13	06/26/16	A 07/07/16	100%
3. John S. Gibson Intersection & NB I-110 Ramp Access Improvements (2469900)	1172	Konareddy, Prashant	Completed	\$28,572,586	03/04/08	A 03/04/08	06/19/13	A 06/19/13	100%	11/18/13	A 11/18/13	06/26/16	A 07/07/16	100%
4. C Street/I-110 Access Ramp Improvements (2485200)	1172	Konareddy, Prashant	Completed	\$45,392,083	07/01/08	A 07/01/08	07/31/13	A 07/31/13	100%	01/13/14	A 01/14/14	01/05/17	A 09/13/16	100%
5. B. 200 - Rail Yard (2488500)	1172	Sar, Christina	Completed	\$128,479,559	04/16/08	A 04/16/08	11/16/11	A 11/16/11	100%	08/27/12	A 08/27/12	08/01/14	A 08/15/14	100%
6. Avalon and Fries Street Closures Environmental Assessment (2516700)	1172	Wunder, Lisa	Environmenta l	\$779,650	08/08/12	A 08/08/12	08/08/12	A 08/08/12	N/A	08/08/12	A 08/08/12	12/31/19	12/31/19	80%
7. At-Grade Rail Crossing Protection System for Anaheim St. Rail Crossing of McFarland Lead Track (2524100)	1172	Hunt, Alex	Completed	\$434,106	06/10/13	A 06/10/13	08/31/15	A 08/31/15	100%	09/01/16	A 09/01/16	03/31/18	A 05/31/18	100%
8. SCIG Bridge and Road Review (2532200)	1189	Shimabukuro , Geraldine	Hold	\$200,000	01/12/15	A 01/12/15	06/30/16	06/30/16	95%	06/30/16	06/30/16	06/30/16	06/30/16	N/A
9. State Route 47/Vincent Thomas Bridge & Front St./Harbor Blvd Interchange Reconfiguration (2533400)	1172	Aziz, Sarah	Design	\$31,050,000	10/01/18	A 12/15/18	09/30/20	09/30/20	1%	04/01/21	04/01/21	03/30/23	03/30/23	N/A
10. Alameda Corridor Southern Terminus Gap Closure (2536600)	1172	Preciado, Noe	Design	\$10,056,000	12/07/15	A 12/07/15	04/30/19	04/30/19	85%	02/01/20	02/01/20	01/31/21	01/31/21	0%
11. Navy Way Speed Hump Reconstruction and Restriping (2538300)	1172	Konareddy, Prashant	Bid (Adv.) and Award	\$1,850,000	09/01/16	A 09/01/16	07/31/17	A 07/31/17	100%	09/03/18	01/15/19	03/29/19	03/29/19	0%
12. Water Street Resurfacing (2538500)	1172	Hunt, Alex	Completed	\$800,000	09/01/16	A 09/01/16	03/10/17	A 03/10/17	100%	10/01/18	A 08/22/18	03/29/19	A 10/15/18	100%
13. Reeves Avenue Resurfacing (2538700)	1172	Aziz, Sarah	Completed	\$660,000	09/01/16	A 09/01/16	02/10/17	A 02/10/17	100%	12/01/18	A 10/01/18	05/31/19	A 11/30/18	100%
14. Miner Street Resurfacing (2538800)	1172	Aziz, Sarah	Completed	\$500,000	12/08/16	A 12/08/16	04/07/17	A 04/07/17	100%	11/01/18	A 09/17/18	04/05/19	A 11/16/18	100%
15. B. 200 - Rail Yard and Track Connections Enhancements (2540800)	1172	Shimabukuro , Geraldine	Bid (Adv.) and Award	\$6,700,000	08/08/16	A 08/08/16	09/20/18	A 09/20/18	100%	04/01/19	04/01/19	04/01/20	04/01/20	0%
16. Waterside Emergency Access - Various Locations (2542400)	1172	Gutierrez, Mimi	Closed	\$103,366	02/01/17	A 01/20/17	03/02/17	A 09/15/17	100%	03/13/17	A 09/26/17	07/31/17	A 07/19/18	100%
17. Pier A - Street Resurfacing (2542900)	1172	Hunt, Alex	Completed	\$1,200,000	09/01/17	A 09/01/17	01/31/18	A 01/31/18	100%	04/01/18	A 07/30/18	07/31/18	A 08/10/18	100%
18. Swinford Street, Front Street, and Regan Street - Resurfacing Project (2543100)	1172	Konareddy, Prashant	Design	\$850,000	09/01/17	A 09/01/17	01/31/19	01/31/19	90%	03/01/19	03/01/19	12/28/19	12/28/19	0%
19. Alameda Street & Dispatch Hall Driveway Traffic Signal (2544900)	1172	Hunt, Alex	Completed	\$633,000	09/01/17	A 09/01/17	09/30/18	A 01/31/18	100%	12/01/18	A 02/20/18	02/28/19	A 06/30/18	100%
20. B. 200 - Roadway Improvements (2549400)	1172	Newbold, Adrienne	Bid (Adv.) and Award	\$209,060	06/02/18	A 06/02/18	09/30/18	A 10/31/18	100%	01/01/19	02/01/19	06/30/19	05/30/19	0%
21. Access Road Adjacent to Praxair, Inc. Resurfacing (2551400)	1172	Hunt, Alex	Design	\$600,000	11/01/18	A 10/16/18	08/31/19	08/31/19	40%	12/01/19	12/01/19	03/31/20	03/31/20	0%
22. Henry Ford Avenue and Anchorage Road Improvements (2551600)	1172	Hunt, Alex	Bid (Adv.) and Award	\$50,000	11/01/18	A 11/01/18	12/31/18	A 12/31/18	100%	03/01/19	03/01/19	04/30/19	04/30/19	0%

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
23. Southern California International Gateway (SCIG) Environmental Assessment (2552500)	1189	Ochsner, Lisa	Environmenta	\$700,000	12/01/18	^A 12/01/18	12/01/18	^A 12/01/18	N/A	12/01/18	^A 12/01/18	12/01/19	12/01/19	1%
24. C Street/I-110 Access Ramp Improvements Right of Way Transfer (2552800)	1172	Konareddy, Prashant	Planning	\$95,000	02/28/19	02/28/19	02/28/19	02/28/19	N/A	03/01/19	03/01/19	08/30/21	08/30/21	0%
25. B. 200 - Roadway Improvements & Extension (2554000)	1172	Harne, Melissa	Planning	\$6,390,000	02/02/20	02/02/20	07/31/21	07/31/21	0%	02/01/22	02/01/22	02/01/23	02/01/23	0%
TRANSPORTATION IMPROVEMENTS TOTAL				\$353,319,892										
TRANSPORTATION TOTAL				\$353,319,892										
III. Security														
Homeland Security														
1. Port Police - 700 MHz Radio System - Phase I (2542000)	1179	Bosso, Homero	Construction	\$1,202,310	10/31/16	^A 10/31/16	12/31/16	^A 12/31/16	100%	08/30/17	^A 08/30/17	08/30/19	08/30/19	50%
2. Port Police - 700 MHz Radio System - Phase II (2542100)	1179	Schutte, Katrina	Design	\$17,468,453	10/31/16	^A 10/31/16	01/31/19	01/31/19	95%	02/01/19	02/01/19	06/30/21	06/30/21	0%
3. Port Police - Catalina Island Radio Repeater Site (2546500)	1179	Bosso, Homero	Construction	\$400,352	10/01/17	^A 10/01/17	10/01/17	^A 10/01/17	N/A	10/01/17	^A 10/01/17	06/30/19	06/30/19	50%
4. Port Police - Integrated Computer Aided Dispatch and Records Management System (CAD/RMS) (2547900)	1179	Schutte, Katrina	Bid (Adv.) and Award	\$2,556,715	04/30/18	^A 04/30/18	04/30/18	^A 04/30/18	N/A	11/02/18	02/01/19	11/02/19	11/30/19	0%
5. Port Police - Fixed License Plate Reader (LPR) System (2548000)	1179	Schutte, Katrina	Bid (Adv.) and Award	\$571,649	04/30/18	^A 04/30/18	04/30/18	^A 04/30/18	N/A	12/01/18	02/01/19	12/31/19	12/31/19	0%
6. 120 W "C" Street Port Police Canine Training Site Improvements (2549000)	1179	Hughes, Danny	Completed	\$73,818	03/01/18	^A 03/01/18	03/01/18	^A 03/01/18	N/A	03/02/18	^A 03/02/18	06/01/18	^A 07/31/18	100%
HOMELAND SECURITY TOTAL				\$22,273,297										
SECURITY TOTAL				\$22,273,297										
IV. Public Access/Environmental Enhancements														
Port-Wide Public Enhancements														
1. Front Street Beautification (2504700)	1167	Aziz, Sarah	Hold	\$7,300,000	10/30/11	^A 10/30/11	08/31/15	^A 08/31/15	100%	04/01/15	^A 04/01/15	09/30/19	10/30/19	5%
PORT-WIDE PUBLIC ENHANCEMENTS TOTAL				\$7,300,000										
Los Angeles Waterfront														
1. San Pedro Waterfront														
1. San Pedro Waterfront - Harbor Boulevard (SP Slip to 22nd St.) Roadway Improvements (2488200)	1169	Harne, Melissa	Hold	\$22,000,000	03/01/17	03/01/17	07/01/18	07/01/18	0%	01/03/19	01/03/19	01/03/21	01/03/21	0%
2. San Pedro Waterfront - B. 57 - Wharf Demolition, Seawall Repair, and Street Improvements (2500600)	1182	Grossi, Chris	Hold	\$21,725,000	01/01/19	01/01/19	06/30/20	06/30/20	0%	01/01/21	01/01/21	06/30/22	06/30/22	0%

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
3. San Pedro Waterfront - Sampson Way Roadway Improvements - 7th Street & Harbor Blvd. Intersection (2509400)	1169	Leon, Laura	Completed	\$15,665,000	07/01/14	A 07/01/14	02/22/16	A 02/22/16	100%	10/31/16	A 10/31/16	08/28/18	A 08/11/18	100%
4. San Pedro Waterfront - B. 57 - AltaSea Environmental Assessment (2531800)	1182	Wunder, Lisa	Hold	\$1,000,000	01/05/15	A 01/05/15	01/05/15	A 01/05/15	N/A	01/05/15	A 01/05/15	02/28/18	02/28/18	70%
5. San Pedro Waterfront - Ports O' Call Promenade and Town Square - Phase I (2532100)	1185	Honeybone, Christine	Construction	\$32,200,000	07/01/15	A 07/01/15	01/29/19	01/29/19	95%	03/05/18	A 03/05/18	01/29/21	01/29/21	10%
6. San Pedro Waterfront - B. 79 - Buildings Demolition (2538000)	1185	Grossi, Chris	Closed	\$0	01/20/16	A 01/20/16	11/14/18	11/14/18	90%	05/16/19	05/16/19	11/16/21	05/16/19	0%
7. San Pedro Waterfront - B. 80-83 - Buildings and Floats Demolition (2538100)	1185	Grossi, Chris	Completed	\$958,000	01/19/16	A 01/19/16	09/01/18	A 09/01/18	100%	01/09/17	A 01/09/17	09/03/21	A 01/15/19	100%
8. San Pedro Waterfront - B. 78 - Chevron Clean-up - Phase I (2538200)	1185	Grossi, Chris	Construction	\$1,500,000	01/19/16	A 01/19/16	01/22/18	A 01/22/18	100%	12/03/18	A 12/03/18	05/01/19	05/01/19	15%
9. San Pedro Waterfront - B. 80-83 - Waterside Improvements (2539000)	1185	Grossi, Chris	Design	\$4,218,660	03/01/16	A 03/01/16	01/29/19	01/29/19	95%	07/31/19	07/31/19	09/30/22	09/30/22	0%
10. San Pedro Waterfront - Harbor Boulevard From Miner Street to SP Slip Roadway Improvements (2543000)	1169	Harne, Melissa	Design	\$6,000,000	01/03/17	A 01/03/17	09/18/19	09/18/19	82%	03/20/20	03/20/20	03/20/21	03/20/21	0%
11. Harbor Boulevard - Automated Public Toilet Retrofits (2546000)	1207	Reeser, Kenneth	Completed	\$158,034	08/26/17	A 08/26/17	08/26/17	A 08/26/17	N/A	09/24/17	A 10/08/17	06/30/18	A 05/17/18	100%
12. San Pedro Waterfront - Downtown Harbor Water Cut Sheet Piling Movement Investigation for Repair (2547500)	1183	Posadas, John	Closed	\$0	11/20/17	A 11/20/17	11/20/17	A 11/20/17	N/A	11/20/17	A 11/20/17	03/31/19	03/31/19	40%
13. San Pedro Waterfront - 34.5KV Electric Utility Service (2548400)	1169	Baird, Scott	Design	\$4,000,000	02/01/18	A 02/01/18	01/31/19	01/31/19	28%	07/01/19	07/01/19	01/31/20	01/31/20	0%
14. San Pedro Waterfront - Town Square Public Restrooms (2551300)	1185	Martinez, Anabel	Planning	\$958,400	10/24/18	01/15/19	07/02/19	07/02/19	0%	12/18/19	12/18/19	06/02/20	06/02/20	0%
15. San Pedro Waterfront - B. 78 Chevron Clean Up - Phase II (2552300)	1185	Grossi, Chris	Design	\$1,500,000	01/19/16	A 01/19/16	09/30/20	09/30/20	5%	04/01/21	04/01/21	09/30/22	09/30/22	0%
16. San Pedro Waterfront - Ports O' Call Promenade - Phase II (2552600)	1185	Honeybone, Christine	Design	\$8,200,000	07/01/15	A 07/01/15	09/30/20	09/30/20	60%	04/01/21	04/01/21	09/30/22	09/30/22	0%
SAN PEDRO WATERFRONT TOTAL				\$120,083,094										
2. Wilmington Waterfront Development														
1. Wilmington Waterfront Park Street Vacations (2525600)	1040	Brown, James	Design	\$265,000	01/02/14	A 01/02/14	06/02/19	06/02/19	60%	08/04/19	08/04/19	01/05/21	01/05/21	0%
2. Wilmington Waterfront Promenade (2533000)	1040	Cisneros, Hugo	Design	\$52,700,000	07/06/15	A 07/06/15	02/28/19	02/28/19	94%	09/01/19	09/01/19	09/01/21	09/01/21	0%
3. Wilmington Waterfront - Avalon Promenade and Gateway (2537700)	1040	Cisneros, Hugo	Design	\$23,800,000	02/03/17	A 02/03/17	03/30/20	03/30/20	31%	10/01/20	10/01/20	10/01/22	10/01/22	0%
4. Wilmington Waterfront Signage Improvements (2538600)	1040	Shimabukuro, Geraldine	Construction	\$600,000	05/01/16	A 05/01/16	10/31/17	A 10/31/17	100%	02/01/18	A 02/01/18	03/31/19	03/31/19	70%
5. Wilmington Waterfront - West End Park Improvements (2543200)	1040	Wooster, Carly	Construction	\$481,000	07/01/17	A 07/28/17	03/31/18	A 04/27/18	100%	10/01/18	A 06/04/18	03/31/19	03/31/19	50%
6. Wilmington Waterfront - Site Characterization Assessments (2545600)	1040	Sun, Pauling	Environmenta	\$560,000	08/02/17	A 08/02/17	08/02/17	A 08/02/17	N/A	08/02/17	A 08/02/17	03/30/20	03/30/20	50%

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					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
7. Wilmington Waterfront Park - Splash Fountain Methane Alarm Panel Replacement (2553400)	1040	Hazelett, Phil	Bid (Adv.) and Award	\$25,000	12/08/18	^A 12/08/18	12/08/18	^A 12/08/18	N/A	02/10/19	02/10/19	04/30/19	04/30/19	0%
8. Wilmington Youth Sailing and Aquatic Center (2553600)	1040	Low, Bryan	Planning	\$3,100,000	01/18/19	01/18/19	10/14/19	10/14/19	0%	04/14/20	04/14/20	04/11/21	04/11/21	0%
WILMINGTON WATERFRONT DEVELOPMENT TOTAL				\$81,531,000										
LOS ANGELES WATERFRONT TOTAL				\$201,614,094										
Environmental Enhancements														
1. Pacific Harbor Line - Locomotive Electric Charger (2549200)	1002	Hoang, Dac	Construction	\$200,000	03/08/18	^A 03/08/18	07/31/18	^A 07/31/18	100%	08/01/18	^A 08/01/18	08/30/19	08/30/19	70%
ENVIRONMENTAL ENHANCEMENTS TOTAL				\$200,000										
PUBLIC ACCESS/ENVIRONMENTAL ENHANCEMENTS TOTAL				\$209,114,094										
V. Maritime Services														
Harbor Department Facilities														
1. B. 161 - Marine Ways Modifications (2486100)	1029	Han, Edward	Construction	\$3,070,000	03/15/13	^A 03/15/13	12/31/17	^A 12/31/17	100%	07/09/18	^A 07/09/18	07/31/19	01/31/19	95%
2. Harbor Administration Building - HVAC Replacement (2509600)	1003	SooHoo, Ken	Design	\$9,500,000	02/14/14	^A 02/14/14	04/26/19	04/26/19	60%	11/04/19	11/04/19	10/30/20	10/30/20	0%
3. Harbor Administration Building - 4th Floor Work Space Solutions (2517900)	1003	Macias, Emilio	Bid (Adv.) and Award	\$3,667,200	10/01/17	^A 10/01/17	11/30/18	^A 11/30/18	100%	04/01/19	04/01/19	12/20/19	12/20/19	0%
4. Klein Billing and Port Pilot Systems Enhancement (2532400)	1206	Wei, Kelvin	Construction	\$1,618,000	04/01/15	^A 04/01/15	04/01/15	^A 04/01/15	N/A	07/01/15	^A 07/01/15	08/31/20	08/31/20	70%
5. Web-Based Construction Management System (2532900)	1206	Adams, Charles	Completed	\$339,000	09/24/15	^A 09/24/15	08/31/17	^A 09/30/17	100%	09/01/17	^A 10/01/17	02/28/18	^A 03/31/18	100%
6. Harbor Administration Building - IT HVAC Emergency Back Up Unit (2539200)	1003	Smith, Charles	Closed	\$415,445	02/18/16	^A 02/18/16	02/18/16	^A 02/18/16	N/A	05/16/16	^A 05/16/16	03/31/18	^A 03/31/18	100%
7. B. 186 - Banning's Landing HVAC System Upgrade (2541000)	1207	Reeser, Kenneth	Closed	\$289,173	08/01/16	^A 08/01/16	08/01/16	^A 08/01/16	N/A	06/19/17	^A 06/19/17	04/30/18	^A 04/30/18	100%
8. B. 161 - Elevator Modernization (2542500)	1029	Reeser, Kenneth	Construction	\$241,000	01/04/17	^A 01/04/17	01/04/17	^A 01/04/17	100%	12/05/17	^A 12/05/17	02/28/19	02/28/19	80%
9. B. 161 - Installation of Electrical Vehicle Chargers (2544400)	1207	Aboulhosn, Shawki	Completed	\$135,175	04/20/17	^A 04/20/17	05/04/17	^A 05/04/17	100%	05/06/17	^A 05/06/17	02/16/18	^A 03/16/18	100%
10. Harbor Administration Building - New Skylight at Penthouse Roof (2545100)	1002	Reeser, Kenneth	Completed	\$71,392	08/13/17	^A 08/13/17	08/19/17	^A 08/19/17	100%	08/20/17	^A 08/20/17	04/30/18	^A 04/30/18	100%
11. B. 161 - C&M Maintenance Yard Carpenter Shop Remodel (2545200)	1029	Reeser, Kenneth	Completed	\$1,116,019	07/11/17	^A 07/11/17	07/11/17	^A 07/11/17	100%	07/20/17	^A 07/20/17	10/31/18	^A 10/31/18	100%
12. Harbor Administrative Building - Garage Doors Replacement (2545500)	1003	Koerber, Matt	Bid (Adv.) and Award	\$394,000	09/01/17	^A 09/01/17	03/14/18	^A 03/14/18	100%	01/03/19	01/22/19	07/05/19	07/05/19	0%
13. B. 161 - Equipment Operations Building Renovation (2545700)	1207	Reeser, Kenneth	Design	\$1,000,000	10/24/17	^A 10/24/17	02/01/19	02/01/19	99%	02/02/19	02/02/19	02/04/20	02/04/20	0%

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					Baseline	Start Projected	Baseline	Finish Projected		Baseline	Start Projected	Baseline	Finish Projected	
14. 272 South Fries Ave - Building Improvements (2545800)	1207	Reeser, Kenneth	Construction	\$800,000	09/02/17	^A 09/02/17	09/02/17	^A 09/02/17	N/A	12/17/17	^A 12/17/17	03/31/19	03/31/19	90%
15. 514 Pier A Street - Soils Lab Interior Upgrades (2546200)	1029	Reeser, Kenneth	Completed	\$73,994	09/16/17	^A 09/16/17	09/16/17	^A 09/16/17	N/A	12/10/17	^A 01/16/18	08/30/18	^A 09/17/18	100%
16. 514 Pier A Street - Soils Lab Elevator Modernization (2546400)	1029	Reeser, Kenneth	Construction	\$150,000	09/16/17	^A 09/16/17	09/16/17	^A 09/16/17	N/A	10/01/18	^A 10/15/18	03/01/19	02/28/19	5%
17. B. 161 - Warehouse Lighting Overhaul (2546800)	1029	Basha, George	Construction	\$170,000	10/15/17	^A 10/15/17	10/15/17	^A 10/15/17	N/A	11/19/17	^A 08/15/18	03/31/19	03/31/19	90%
18. Harbor Administration Building - Exterior Landscaping (2547000)	1003	Wooster, Carly	Construction	\$100,000	10/17/17	^A 10/17/17	11/22/17	^A 12/22/17	100%	11/27/17	^A 03/12/18	01/03/18	05/30/19	40%
19. Harbor Administration Building - 3rd Floor Conference Rooms Upgrades (2547300)	1003	Kuo, Rodger	Completed	\$33,415	11/02/17	^A 12/04/17	12/30/17	^A 01/31/18	100%	01/15/18	^A 02/16/18	04/30/18	^A 09/30/18	100%
20. B. 161 - Electrical Improvement Project - Phase 2 (2548700)	1207	Basha, George	Construction	\$395,000	04/07/18	^A 04/07/18	04/07/18	^A 04/07/18	N/A	06/10/18	^A 08/01/18	01/31/19	01/31/19	95%
21. Harbor Administration Building - Exterior Frame Repair (2549500)	1003	Posadas, John	Bid (Adv.) and Award	\$940,000	04/07/18	^A 04/07/18	11/30/18	^A 12/31/18	100%	01/01/19	02/01/19	09/30/19	09/30/19	0%
22. Pilot Boats Replacement (2549600)	1104	Flinn, David	Bid (Adv.) and Award	\$7,140,000	07/01/18	^A 07/01/18	12/01/18	^A 07/01/18	N/A	02/01/19	02/01/19	04/01/20	04/01/20	0%
23. B. 161 - HVAC/Sheet Metal Shop Reorganization (2549800)	1029	Smith, Charles	Construction	\$40,000	04/02/18	^A 04/02/18	04/02/18	^A 10/15/18	100%	07/01/18	^A 10/26/18	07/30/18	06/30/19	40%
24. B. 68 - Port Pilot Station 1st & 2nd Floor Office Space Reconfiguration (2550000)	1085	Macias, Emilio	Construction	\$39,800	02/28/18	^A 02/28/18	04/16/18	^A 06/15/18	100%	04/23/18	^A 06/22/18	05/22/18	01/31/19	80%
25. Pilot Boat Swing Propulsion (2550200)	1207	Orozco, David	Bid (Adv.) and Award	\$235,000	06/02/18	^A 06/02/18	06/02/18	^A 06/02/18	N/A	11/01/18	02/01/19	05/30/19	05/30/19	0%
26. B. 161 - C&M Yard Wi-Fi Expansion (2550300)	1029	Wooster, Andy	Construction	\$167,000	09/01/18	^A 12/14/18	11/30/18	^A 12/14/18	N/A	12/01/18	^A 12/15/18	06/30/19	06/30/19	5%
27. B. 68 - Port Pilot Station Fire Protection System (2550500)	1207	Hazelett, Phil	Completed	\$259,513	07/15/18	^A 07/15/18	07/21/18	^A 07/21/18	100%	07/22/18	^A 07/22/18	12/31/18	^A 11/01/18	100%
28. Harbor Administration Building - Patio Leak Repair - Phase III (2550700)	1003	Reeser, Kenneth	Construction	\$1,500,000	07/14/18	^A 07/14/18	07/14/18	^A 07/14/18	N/A	10/14/18	^A 10/14/18	01/31/20	01/31/20	5%
29. Harbor Administration Building - 2nd Floor Workspace Solutions (2551000)	1003	Asuncion, Tom	Bid (Adv.) and Award	\$320,000	04/01/18	^A 04/01/18	08/31/18	^A 09/30/18	100%	02/01/19	02/01/19	08/31/19	08/31/19	0%
30. Harbor Administration Building - 5th Floor Workspace Solutions (2551100)	1003	Kuo, Rodger	Bid (Adv.) and Award	\$1,833,500	04/01/18	^A 04/01/18	11/30/18	^A 11/30/18	100%	04/01/19	04/01/19	12/20/19	12/20/19	0%
31. B. 84 - Port Police Marine Office - Two Workstation Installation - Phase II (2551200)	1002	Asuncion, Tom	Construction	\$25,000	07/27/18	^A 07/27/18	08/17/18	^A 08/31/18	100%	08/23/18	^A 11/01/18	09/17/18	02/14/19	1%
32. Harbor Administration Building - Board Hearing Room and Executive Session Room Remodel (2551900)	1003	Low, Bryan	Planning	\$1,485,000	02/03/19	02/03/19	05/01/20	05/01/20	0%	11/03/20	11/03/20	11/03/21	11/03/21	0%
33. Liberty Plaza Parking Lot (2552000)	1003	Aziz, Sarah	Design	\$420,000	11/01/18	^A 11/01/18	08/31/19	08/31/19	5%	12/01/19	12/01/19	03/31/20	03/31/20	0%
34. B. 161 C&M Administration Building - Fall Protection System (2552200)	1029	Hazelett, Phil	Bid (Adv.) and Award	\$55,000	10/06/18	^A 10/06/18	10/06/18	^A 10/06/18	N/A	12/06/18	01/15/19	06/30/19	06/30/19	0%
35. Port of Los Angeles Police Headquarters - Air Conditioning Replacement (2552400)	1181	Smith, Charles	Design	\$1,335,000	01/01/19	^A 01/01/19	03/30/19	03/30/19	1%	07/02/19	07/02/19	01/31/20	01/31/20	0%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
36. B. 161 - C&M Yard Mass Notification System (2553200)	1029	Hazelett, Phil	Construction	\$298,000	12/01/18	A 12/01/18	12/01/18	A 12/01/18	N/A	02/07/19	A 12/02/18	03/31/19	03/31/19	20%
37. 272 S. Fries Ave - Re-pipe Water Supply (2553800)	1002	Reeser, Kenneth	Bid (Adv.) and Award	\$94,000	12/31/18	A 12/31/18	12/31/18	A 12/31/18	N/A	01/31/19	01/31/19	05/31/19	05/31/19	0%
HARBOR DEPARTMENT FACILITIES TOTAL				\$39,765,626										
Miscellaneous Projects														
1. Badger Avenue Bridge Rehabilitation (2525000)	1002	SooHoo, Ken	Completed	\$2,036,000	04/19/14	A 04/19/14	02/24/16	A 02/24/16	100%	09/01/16	A 09/01/16	09/01/17	A 08/28/17	100%
2. B. 84 - Maritime Museum Wharf Rehabilitation (2526200)	1002	Becaria, Lily	Completed	\$2,428,466	06/27/14	A 06/27/14	01/29/16	A 01/29/16	100%	09/19/16	A 09/19/16	12/31/17	A 01/31/18	100%
3. 300 Water Street - Office Building Re-Roof and Cooling Tower Replacement (2528900)	1002	Reeser, Kenneth	Completed	\$940,500	07/10/14	A 07/10/14	07/10/14	A 07/10/14	N/A	03/12/18	A 03/12/18	12/31/18	A 12/31/18	100%
4. Ports O'Call - American Disability Act Compliant Restrooms (2531700)	1002	Grossi, Chris	Completed	\$1,321,567	11/26/14	A 11/26/14	08/30/15	A 08/30/15	100%	09/01/15	A 09/01/15	05/31/18	A 06/30/18	100%
5. B. 85 - Port Police Float System Replacement (2534900)	1002	Becaria, Lily	Planning	\$1,500,000	07/01/15	A 07/01/15	07/01/15	A 07/01/15	N/A	02/01/17	11/01/17	12/24/17	12/24/17	0%
6. B. 72 - Municipal Fish Market - Chiller Unit Electrical Replacement (2540300)	1002	Aboulhosn, Shawki	Completed	\$49,727	06/28/16	A 06/28/16	07/18/16	A 11/03/16	100%	08/02/16	A 01/24/17	08/31/16	A 10/04/18	100%
7. Badger Avenue Bridge Conley Joints Purchase (2541200)	1002	Smith, Charles	Closed	\$422,320	09/15/16	A 09/15/16	09/15/16	A 09/15/16	N/A	11/07/17	A 11/09/17	12/31/18	A 10/29/18	100%
8. Tri-Marine Fish Company Lighting Upgrade (2545000)	1002	Gabriel, Verdy	Closed	\$94,488	06/13/17	A 06/13/17	08/18/17	A 07/25/17	100%	10/02/17	A 10/02/17	11/30/17	A 04/30/18	100%
9. POLA Sidewalk Repair Program - Sidewalk within POLA Facilities (2546300)	1002	Castro, Christian	Construction	\$3,600,000	09/07/17	A 09/07/17	12/31/21	12/31/21	10%	12/01/17	A 06/05/18	06/30/22	06/30/22	5%
10. Cabrillo Way Marina - Water Leak Detection System (2546700)	1091	Hazelett, Phil	Completed	\$172,226	10/14/17	A 10/14/17	10/14/17	A 10/14/17	N/A	02/16/18	A 02/16/18	10/31/18	A 10/31/18	100%
11. B. 155A - Building Improvements (2547100)	1207	Reeser, Kenneth	Construction	\$2,003,575	04/21/18	A 04/21/18	04/21/18	A 04/21/18	N/A	04/22/18	A 04/22/18	12/31/19	12/31/19	45%
12. Vincent Thomas Bridge Air Gap Sensor Electrical Installation (2547600)	1002	Shimabukuro, Geraldine	Closed	\$41,528	12/03/17	A 12/03/17	12/03/17	A 12/03/17	N/A	12/04/17	A 12/04/17	07/01/18	A 05/30/18	100%
13. Cabrillo Way Marina - Electrical Service Meter Separation (2548100)	1091	Hoang, Dac	Construction	\$81,000	12/27/17	A 12/27/17	04/24/18	A 11/16/18	100%	04/26/18	A 11/19/18	07/24/18	02/16/19	15%
14. B. 94 - 147 - Underwharf Pipeline Hangers Replacement (2548500)	1207	Hazelett, Phil	Completed	\$750,000	01/12/18	A 01/12/18	01/12/18	A 01/12/18	N/A	02/23/18	A 02/23/18	10/31/18	A 11/30/18	100%
15. Warehouse No. 1 - Elevator No. 4 Door Replacement (2548600)	1002	Smith, Charles	Bid (Adv.) and Award	\$98,792	02/10/18	A 02/10/18	02/10/18	A 02/10/18	N/A	07/08/18	01/15/19	01/31/19	06/30/19	0%
16. 249 Cannery Street Building Demolition (2548800)	1002	Han, Edward	Design	\$1,378,000	07/01/18	A 07/16/18	12/31/18	01/31/19	80%	07/01/19	03/01/19	12/31/19	12/31/19	0%
17. Cabrillo Way Marina - Gazebo and Sidewalk Repair (2548900)	1091	Wooster, Carly	Completed	\$153,291	11/06/17	A 11/06/17	04/08/18	A 05/08/18	100%	04/10/18	A 05/09/18	02/28/19	A 08/29/18	100%
18. FY 18/19 CIP Deferred Maintenance Projects (2549100)	1207	Cardamone, Janie	Planning	\$747,000	07/01/18	A 07/01/18	06/30/19	06/30/19	N/A	07/01/18	A 07/01/18	06/30/19	06/30/19	N/A
19. B. 51 - Access Improvements (2549300)	1002	Matsumoto, Briella	Construction	\$191,600	05/02/18	A 05/02/18	06/30/18	A 07/30/18	100%	10/01/18	A 10/01/18	12/31/18	01/31/19	100%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
20. B. 263 - Tri-Marine Driveway Paving (2550100)	1002	Brown, James	Completed	\$80,000	05/15/18	A 05/15/18	06/13/18	A 07/16/18	100%	07/14/18	A 08/16/18	11/10/18	A 12/21/18	100%
21. Badger Avenue Bridge Miter Joints Purchase (2550800)	1002	Smith, Charles	Bid (Adv.) and Award	\$313,200	07/12/18	A 07/12/18	07/12/18	A 07/12/18	N/A	11/01/18	02/01/19	12/31/19	12/31/19	0%
22. B. 95 - Catalina Channel Express - Parking Improvements (2550900)	1002	Harne, Melissa	Design	\$250,000	09/10/18	A 09/10/18	03/08/19	03/08/19	2%	07/07/19	07/07/19	11/03/19	11/03/19	0%
23. B. 46 - Potable Water Pier Heads Installation (2551500)	1002	Hazelett, Phil	Construction	\$180,000	09/15/18	A 09/15/18	09/15/18	A 09/15/18	N/A	12/01/18	A 12/01/18	02/28/19	02/28/19	2%
24. Pacific Maritime Association (PMA) Lashing Training Station Project (2551700)	1002	Brown, James	Construction	\$287,000	10/31/18	A 11/07/18	10/31/18	A 11/07/18	N/A	11/01/18	A 11/08/18	02/27/19	02/27/19	20%
25. Cabrillo Beach Floating Dock Replacement (2552700)	1207	Orozco, David	Bid (Adv.) and Award	\$450,000	11/17/18	A 11/17/18	11/17/18	A 11/17/18	N/A	03/01/19	03/01/19	06/30/19	06/30/19	0%
26. B. 46 - 72 - Underwharf Pipeline Hangers Replacement (2553300)	1002	Hazelett, Phil	Planning	\$250,000	02/01/19	02/01/19	02/28/19	02/28/19	N/A	06/01/19	06/01/19	12/31/19	12/31/19	0%
27. 801 Reeves Ave - Fire Alarm Panel Replacement (2553500)	1002	Hazelett, Phil	Bid (Adv.) and Award	\$39,000	12/01/18	A 12/01/18	12/01/18	A 12/01/18	N/A	01/31/19	01/31/19	03/31/19	03/31/19	0%
28. B. 73 - Fender Pile Replacement and Camel Log Placement (2553700)	1002	Orozco, David	Construction	\$1,560,000	12/13/18	A 12/13/18	12/14/18	A 12/14/18	N/A	12/31/18	A 12/31/18	06/30/19	06/30/19	5%
MISCELLANEOUS PROJECTS TOTAL				\$21,419,279										
Unallocated Capital Improvement Program Fund														
1. Unallocated Capital Improvement Program Fund (190000)		Cardamone, Janie	Future	\$295,260,000	01/00/00	07/01/28	01/00/00	07/01/28	N/A	01/00/00	07/01/28	01/00/00	07/01/28	N/A
UNALLOCATED CAPITAL IMPROVEMENT PROGRAM FUND TOTAL				\$295,260,000										
MARITIME SERVICES TOTAL				\$356,444,905										
CIP TOTAL COST				\$2,027,309,557										

EXHIBIT "B"

SCOPE OF WORK

I. Detailed Scope of Services

Harbor Department Engineering Guidelines: Consultant acknowledges receipt, review and understanding of the City's Harbor Department's "Engineering Design Guidelines," and "CAD Manual" ("Guidelines") and shall perform this Scope of Work in accordance with Guidelines.

Task 1 - Project Management and Coordination

Consultant shall provide state-of-the-art project management services throughout the term of the Agreement. This project management effort shall be provided for the following processes: Project initiation, Project planning and scheduling, Project controls, Project execution, and Project administration and closing. Consultant shall deal with issues, including, but not limited to, Project integration, Project scope development, Project management, cost management, quality assurance and control issues, staffing requirements, Project communications, and Project risk management.

Consultant shall initiate, plan, execute, direct, control, and administer the Project by effectively organizing, staffing, directing, integrating, and coordinating the required Project Tasks and Subtasks. These services shall be performed in a professional fashion as per current project management principals, guidelines, and standards promoted by recognized project management organizations and institutions. This task includes the following:

Task 1.A - Project Management Plan

Consultant shall provide a detailed project management plan (PMP) including information on coordination with appropriate agencies to ensure timely completion of the Plans, Specifications (using SpecLink software and submitted in SpecLink format), Estimates (PS&E) packages. This plan shall include a schedule for milestone completion and an hourly breakdown for each task and subtask. The PMP shall be delivered within 30 days of the first Notice to Proceed issued under the Agreement.

Task 1.A - Deliverables

Consultant shall produce the original work product and ten copies or exact reproductions thereof of all deliverables submitted to the City. Deliverables may include, but are not limited to, drawings and/or plans, specifications, estimates, reports, records, reference material, data, charts, documents, renderings, computations, computer tapes or disks, and other items of any type whatsoever, whether in the form of writing, figures, delineation or electronic data prepared or compiled in connection with this Agreement.

1. Drawings produced by Consultant shall conform to the best standards of the profession in which the generator of the drawings practices. Information shall be organized in a logical, systematic manner, using the necessary number of drawings required to maintain clarity and completeness. Drawings and specifications shall fully delineate the work to be done and materials required. Dimensions, diagrams, descriptions, cross sections, and details shall demonstrate adequacy of design for review, permitting, bidding, and construction.
2. Reports shall be prepared on a word processor and hard copy submittals shall be on 8-1/2" X 11" size white paper unless otherwise approved by Engineer. Specifications shall be prepared using SpecLink software and submitted in SpecLink format. Specification hard copy submittals shall be on 8-1/2" X 11" size white paper unless otherwise approved by Engineer. Submittals shall be bound, except any final submittal intended solely for reproduction by City shall be unbound. Pages shall be numbered in the lower margin. Reports shall include a title page and table of contents with lists of exhibits, plates and appendices. Information shall be presented in a clear, logical, and organized manner which will facilitate review by the reader. Reports and studies shall be submitted in draft or preliminary form for review prior to the final submittal. Specifications shall be prepared in conformance with the format of the Construction Specifications Institute, unless Engineer otherwise directs.
3. Unless otherwise directed in writing, Consultant shall submit all deliverables, such as reports, drawings, specifications, designs, calculations, schedules and all work necessary to produce its deliverables, in an electronic format (AutoCad and/or PDF) acceptable to Engineer in addition to the hard copies. Consultant shall assure at the start of Project that its proposed method of electronic submittal to City is consistent with City's computer hardware, networking and software systems, including layering of information and the attachment of data files to the drawings. Pertinent data gathered during the course of the work will be entered into an electronic database (if required) acceptable to Engineer. In conjunction with the submittal of computer-generated calculations, Consultant shall document the appropriateness of the selected software to the task and clearly describe the input/output and default elements of the software and their relation to the Project.
4. Unless Engineer otherwise directs in writing, the drawings are to be electronically generated on a CAD (Computer Aided Drafting) system equal to or compatible by translation with the City's AutoCAD system. To enable drawing elements to be manipulated and translations to be efficient, all CAD-generated drawings shall be developed as dimensionally and geometrically precise models (to three decimal places) of the work depicted. For a CAD system other than AutoCAD, a translated representative sample (one sheet minimum of each discipline) must be included with each submittal. Consultant shall conform to the drafting standards, layering and symbology of City. Consultant will be apprised by City of its layering and symbology requirements prior to the start of work.

5. Signature and record drawing submittals shall be in electronic format as approved by Engineer as well as the original reproducible vellum. Each original drawing sheet shall be stamped and signed by an engineer or architect appropriately licensed to practice in the State of California.

Task 1.B - Suitability of Work and Consultant Cooperation

Consultant shall furnish, in accordance with the agreed upon schedule, a complete, practical, economical design, plans, specifications, and estimates (if such plans and specifications are within the scope of Consultant's work), and related corrections and changes which are best suited for the contemplated construction, and ensure all work is completed in accordance with this Agreement and with sound engineering principles and is signed and sealed by a licensed Professional Engineer and/or Architect, as appropriate. Consultant shall, upon request of the Engineer, provide all calculations, data, charts, and other information of any type whatsoever which support its designs or other work performed pursuant to this Agreement. Consultant may not assert as a basis for refusing to provide such information that it is proprietary. Consultant shall satisfy Engineer that design decisions are based on objective evaluation of the requirements of the facility owner and user, meet site-specific conditions, comply with Project construction cost budget, and minimize long-term operation and maintenance costs. Consultant is aware and agrees that the City has the right to submit the Consultant's work product to independent design reviewers. Consultant agrees to fully cooperate with such reviewers if City determines review is appropriate. Consultant's obligation to cooperate shall include the obligation to respond in an objective professional manner to requests for information, and, if expressly requested by Engineer, to enter into a dialogue with the reviewer regarding the comments of the reviewer on the work

Task 1.C - Quality Assurance/Quality Control Plan

In conjunction with the PMP, the Consultant shall also prepare a quality assurance/quality control plan (QA/QC Plan) for the Project, within 30 days of issuance of the first Notice to Proceed under this Agreement. The QA/QC Plan shall be prepared in accordance with minimum requirements of City's Harbor Department, recognized professional standards, and shall identify procedures for reviewing and checking computations, design drawings and other submittals specific to the design phase for both Consultant and Subconsultants. The plan shall also identify roles and responsibilities for implementing and monitoring quality control and quality assurance. As part of the Consultant's QA/QC Plan, Consultant Senior Staff shall perform independent review of all documents for completeness, technical accuracy, and coordination and code compliance at the end of each work phase prior to submittal of deliverables to Engineer.

Task 1.D - Prepare Project Schedule

Consultant shall develop a computerized critical path method schedule (CPM Schedule) using Microsoft Project. This schedule shall be created in close coordination with the Engineer or Engineer's designee. The initial schedule shall be submitted 30 days after the issuance of the first Notice to Proceed under this Agreement. The schedule shall initially focus on design phase activities, including significant milestones, permits, utility coordination and related Tasks, to allow for effective planning, monitoring and reporting throughout the Project. It shall combine activities related to cost, planning and design,

reviews, delivery, and approvals and shall provide uniform guidance for planning, scheduling, budgeting, and coordination efforts. Updates to the schedule should coincide with the monthly Project Development Team (PDT) Meeting, where reporting shall take place.

Task 1.E - Monthly Progress Status Reports and Schedule Updates

Consultant shall prepare monthly progress reports that include an update to the key milestone delivery schedule and percent completion of each task worked on during that period. Consultant shall maintain the CPM Schedule. The schedule will be reviewed in close coordination with Engineer. Each month a schedule shall be issued for Project progress meetings and other public meetings where Project status and the schedule may be an agenda item. The CPM Schedule shall also be updated each month to show progress.

Task 1.F - Project Development Team (PDT) Meetings

Consultant shall attend monthly PDT meetings with Project stakeholders throughout the term of this Agreement. Consultant's Project Manager shall attend each meeting. It is anticipated that various other members of the Project team, including Subconsultants, shall attend the meetings, as needed. Consultant shall prepare an agenda and distribute meeting minutes, as well as track design contract action items. Monthly progress reports shall be presented and discussed at this meeting.

Task 1.G - Subconsultant Administration

Consultant shall administer all Subconsultants on this Project. All Subconsultant requests for information, questions, clarifications, and invoices shall be processed through the Consultant.

Task 1.H - Meetings, Permits, and Utility Coordination

Consultant shall attend meetings, conferences, hearings and provide drawings, applications and exhibits necessary to obtain all required approvals, plan checks, permits, variances and utility services/modifications for the Project. Consultant shall determine regulatory agency approvals, plan checks, permits and variances necessary for Project's design and construction unless the Engineer otherwise directs in writing. Consultant shall prepare and deliver to Engineer, for review and comment, minutes of all meetings attended within three (3) working days after the meeting, whether or not City is represented at said meetings, if the subject of such meeting is material to design of Project or if Engineer requests such meeting minutes.

NOTE: Project Management and Coordination services and costs are included within all major scope of services Tasks (Tasks 2.0 – 10.0) and so are not broken out separately as Task 1.0.

Task 2 - Geotechnical Engineering Services

Consultant will investigate the soil and subsurface conditions at the project site, and provide geotechnical recommendations for design of the project. The geotechnical work shall include, but not necessarily be limited to the following:

A. Review and Analysis of Existing Information:

1. Collect and review existing geotechnical reports, boring logs and other geotechnical information from adjacent and nearby projects, as well as from previously performed geotechnical work in the Project area.
2. Review and represent the site geology on plan, section, and profiles. Summarize soil parameters as presented in existing data.
3. Inspect site to determine existing site conditions.

B. Field Investigation:

1. Following review of available geotechnical information, Consultant shall develop a geotechnical work plan, including determination of the number of borings, cone penetration tests (CPT) or other data acquisition and testing required for design of the Project.
2. Submit a boring plan indicating the location and depths of all borings and CPTs for approval by Engineer prior to sampling. Boring plan shall indicate substructures in the vicinity of the proposed borings.
3. Detailed planning of field investigation:
 - a. Arrange for and schedule drillers.
 - b. Make preparations for sample handling, transportation, and testing.
 - c. Locate test borings.
 - d. Locate utilities and other onsite interferences and mark location on the ground.
 - e. Obtain necessary permits.
 - f. Schedule field staff.
4. Perform borings and other fieldwork as necessary for the surface and subsurface investigation. As initial surface and subsurface investigation is accomplished and data is reviewed, Consultant shall adjust boring depths, locations, and number of borings and CPTs using prudent engineering judgment and considering subsurface conditions and project requirements and as approved by Engineer. CPT data shall be obtained during borings.
5. Borings in uncontaminated areas shall be backfilled with soil cuttings except CPTs will not be backfilled. Borings and CPTs in contaminated

areas shall be backfilled with grout. Contaminated drilling spoils shall be left on-site in drums for disposal by others.

C. Laboratory Testing:

1. Perform laboratory testing to include, but not necessarily be limited to the following:
 - a. Index testing:
 - i. Moisture content/dry density
 - ii. Specific gravity
 - iii. Atterberg limits
 - iv. Sand equivalent
 - v. Sieve analysis
 - vi. Resistivity
 - b. Consolidation tests with time plot.
 - c. Soil Strength tests:
 - i. Triaxial compression
 - ii. Direct shear
 - iii. Standard penetration test
 - d. R-value or CBR tests.
 - e. Compaction tests.
 - f. Chemical analysis:
 - i. pH
 - ii. sulfates
 - iii. chlorides

D. Prepare Soil Data Report:

1. Prepare narrative summary of the site soil conditions and soil parameters as developed from review of existing data, borings, and laboratory testing.
2. Prepare and draft boring logs using GINT program.
3. Prepare site soil plan, profile, and cross sections.
4. Prepare data report.

E. Geotechnical Analysis:

The geotechnical analysis shall be based on both the currently available geotechnical site information and the results of the new field investigation. The following items shall be addressed by the geotechnical analysis:

1. Provide seismic design requirements and recommendations based on Los Angeles Building Code criteria and considering the significance of the Palos Verdes Fault.
2. Foundation Analysis:
 - a. Develop recommendations for the foundations and/or bedding of structures, including retaining walls, vaults, storm drains and light poles considering local site conditions and recommended seismic requirements.
 - b. Prepare technical report.
3. Pavement Design:
 - a. Develop pavement section for roadway improvements based on adjoining property usage.
 - b. Provide R-values and CBRs of sub-grade for pavement design.
 - c. Prepare technical report.
4. General Grading:
 - a. Provide analyses and recommendations for the following:
 - i. Trench excavation, backfill and shoring
 - ii. Site grading, fill placement and compaction
 - iii. Subgrade preparation for foundations and footings of structures
 - iv. Bedding requirements for utilities and substructures
 - v. Dewatering
5. Corrosive Potential:
 - a. Determine soil corrosion potential and recommend protective measures for utilities and substructures.

F. Final and Draft reports:

The findings, conclusions and recommendations shall be discussed with City as they are developed. Upon completion of the work, Consultant shall submit five copies of the draft report containing the findings, conclusions and recommendations together with the supporting field and laboratory data for review by City. Consultant shall review and address City's comments, and submit ten copies of the final report to City.

G. Plans, Specifications, and Estimates Review:

Consult with designers during Preliminary and Final Designs as necessary to implement recommendations and review project plans, specifications and estimates for conformance with geotechnical recommendations.

Task 2 – Deliverables

- Meeting minutes
- Boring plan
- Obtain necessary permits
- Soil data reports
- Draft and final geotechnical reports

Task 3 - Conceptual Study and Report Phase

After issuance of the first written Notice to Proceed under this Agreement, Consultant shall perform Conceptual Study and Report for the Project. That work shall include but not necessarily be limited to the following:

- A. Visit the site and become familiar with the Project area;
- B. Review available survey, coordinate control information and record plans and use this material to establish site boundaries, locations of existing facilities, utilities (including utilities below grade) and existing grades. Provide a list of additional surveys required, which will be performed by the City's survey forces;
- C. Identify and analyze permits, approvals and requirements of local, state, and federal regulatory agencies, and coordinate with them as necessary for conformance with their requirements, rules and regulations;
- D. Coordinate work with adjacent projects, facilities and improvement;
- E. Develop detailed project design criteria and identify critical issues, opportunities and constraints. Prepare Design Criteria Manual to incorporate results of this work; and
- F. Prepare a report and documentation package presenting the results of the two (2) conceptual studies to clearly present the considerations involved and the alternative solutions available setting forth Consultant's findings, evaluations and recommendations. Document and recommend one preferred plan that best achieves the project design criteria.

Task 3 – Deliverables

- Preliminary Conceptual Study (Design Criteria Manual)
- Final Conceptual Study report
- Architectural exhibits/artist renderings
- Preliminary architectural plans
- Landscaping exhibit(s)
- Mechanical/electrical/ exhibit(s)
- Grading and surfacing exhibit(s)
- Utility and substructure exhibit(s)
- Construction phasing
- Refined design imagery
- Preliminary project construction cost estimates
- Preliminary project design and construction schedules

Task 4 - Preliminary Design Phase (40% Construction Plans)

- A. Upon completion of the conceptual study and report phase, selection of a preferred alternative by City, and issuance of a written Notice to Proceed from the Engineer, or written provisional Notice to Proceed with individual elements, Consultant shall perform the preliminary (40%) design.
- B. Plans shall include typical sections and details and illustrate the architectural, civil, structural, electrical and mechanical design aspects in sufficient detail to cover all matters, which will materially affect the essential features and cost of the Project.
- C. The preliminary design submittal shall include, but not necessarily be limited to, the following for all facilities:
 - 1. Architectural Plans
 - 2. Site plan showing coordination and relationships with overall site development
 - 3. Construction phasing plan
 - 4. Removal plan
 - 5. Substructure plan
 - 6. Civil design
 - 7. Structural design
 - 8. Mechanical/HVAC Design
 - 9. Plumbing design
 - 10. Electrical design
 - 11. Storm drain plans and details
 - 12. Landscape and hardscape design
 - 13. Striping and signage plan
 - 14. Utility plan

15. Site/Area lighting plan
16. Rail plan
17. Outline specifications for each discipline of work
18. Updated project cost estimate and schedule
19. Utility demand estimates
20. Perform all appropriate code coordination and review with applicable local, state, and federal agencies

Task 4 – Deliverables

Deliverables from this phase will provide a general overview of the entire proposed development not necessarily attempting to group the plans by anticipated construction contract sets. The deliverables will include:

- Preliminary architectural plans
- Preliminary site plan
- Preliminary construction phasing plans
- Preliminary removal plan
- Preliminary substructure plan
- Preliminary civil plans
- Preliminary structural plans
- Preliminary mechanical/electrical/plumbing plans
- Preliminary utility plans
- Preliminary landscape and hardscape plan
- Preliminary signing & striping plans
- Preliminary site/area lighting plans
- Preliminary rail plans
- Preliminary construction cost estimate
- Preliminary construction schedule
- Associated reports and analysis work
- Outline of specifications

Task 5 - Eighty-percent Construction Documents (80% DESIGN)

- A. Upon issuance of written Notice(s) to Proceed from the Engineer, proceed with 80% design of Project. This procedure is the same for the Final design.
- B. Preparation of plans, specifications, and estimates in sufficient detail to provide the information necessary for competitive construction contract bidding for Project.
- C. Permits and approvals:
 1. Perform all appropriate code coordination and review with all applicable local, state, and federal agencies.

2. Consultant shall complete applications, including necessary documentation, to obtain all permits and approvals for Project other than those that are required to be obtained by contractor(s). These applications shall be submitted to Engineer for review and approval prior to filing with appropriate agencies.
3. Permits/approvals for this project include but are not necessarily limited to the following:
 - a. City of Los Angeles, Department of Building and Safety
 - b. City of Los Angeles Department of Public Works
 - d. City of Los Angeles Fire Department
 - e. Federal Railroad Administration
 - f. California Public Utilities Commission
4. Changes in the plans, specifications, and estimates, including any changes required by a change in rules, regulations, or laws required to obtain final approval from said agencies shall be made by Consultant.
5. Consultant shall determine and obtain any other permits required by the local, state, and federal agencies for Project.

Task 5 – Deliverables

An 80% version of the following, grouped by contract set, will be provided to the City at the end of this design phase.

- Architectural plans
- Site plan
- Construction phasing plan
- Removal plan
- Substructure plan
- Civil plans
- Structural plans
- Preliminary mechanical/electrical/plumbing plans
- Utility composite plan
- Landscape and hardscape plans
- Signage and striping plans
- Site/area lighting plans
- Rail plans
- Updated construction estimates
- Updated construction schedule
- Associated reports and analysis work

- Calculations
- Specifications

Task 6 - Final Design Documents (100% DESIGN)

- Upon issuance of a written Notice to Proceed from the Engineer, or written provisional Notice to Proceed with individual elements, Consultant shall prepare the Final Design submittal and respond to and incorporate all comments received from the City and City Department of Building and Safety.
- Plans, specifications, and estimates shall be stamped and signed by an architect or engineer appropriately licensed to practice in the State of California.
- Submit to Engineer all construction quantities as well as structural, civil, electrical, mechanical, and any other calculations used in the design of the Project.
- Submit a detailed estimate of the cost based on the bid items and provide a Class "A" estimate.
- Submit a proposed construction schedule in sufficient detail for use by Engineer in evaluating the adequacy of contractor's scheduling submittal.

Task 6 - Deliverables

Final versions of the following contract sets consisting of plans, specifications and estimates are anticipated:

- Architectural plans
- Site plans
- Construction phasing plan
- Removal plan
- Substructure plan
- Civil plans
- Structural plans
- Mechanical/electrical/plumbing plans
- Utility composite plan
- Landscape and hardscape plans
- Signage and striping plans
- Site/area lighting plan
- Rail plans
- Updated construction estimates
- Updated construction schedules
- Associated reports and analysis work

- Calculations
- Specifications

Task 7 - Signature Submittal

- Following review and incorporation of comments of Engineer, original plans, specifications, and estimates, stamped and signed by an engineer or architect appropriately licensed to practice in the State of California, shall be submitted for signature by Engineer.
- The original drawings and two vellums drawings, electronic CAD files, unbound original specification, and two copies of final cost estimate and schedule shall be submitted.
- Submit to Engineer all final construction quantities as well as structural, civil, electrical, mechanical, and any other calculations used in the design of the Project.

Task 7 – Deliverables

- Original drawings
- Unbound original specifications
- Final cost estimate
- Final schedule
- Final quantities and calculations

Task 8 - Bidding Phase

Consultant will provide assistance to the City during the contract(s) advertising and award process to include the following:

- Assistance in pre-qualifying potential bidders
- Attendance at pre-bid meetings
- Reviewing and providing responses to bidder inquiries
- Preparing and issuing addendums as needed.
- Assistance in reviewing bids

Task 9 - Design Services during Construction

Consultant shall provide the following services in support of the City on-site construction management efforts.

A. Office Engineering:

1. Check detailed construction drawings, submittals, shop and erection drawings, and substitutions submitted by the project contractor for compliance with permits and plans, specifications, and estimates.
2. Review specific non-routing laboratory, shop, and mill test reports of materials and equipment as directed by the City.
3. Address requests for information ("RFI's") from the project contractor and Building and Safety inspectors.
4. Prepare record (as-built) drawings on original plans as per the data supplied by the Project contractor via the City's construction manager.

B. Field Engineering:

1. Make periodic visits to the site to observe the work in progress and provide appropriate reports, including attendance at selected weekly progress meetings.
2. Observe and report to the City on any performance test required by the plans and specifications.
3. Attend final inspections of project's completed construction contracts.

C. Structural Observation:

Consultant shall provide qualified personnel for observation of structural systems, for general conformance to the approved plans and specifications in conformance with all applicable codes.

This task includes a limited number of field trips at significant construction stages and at completion of the structural system. The structural systems include the lateral and/or gravity of load paths.

Task 9 - Deliverables

- Responses to RFIs
- Field reports and "punch lists"
- Reviewed shop drawings and submittals

Task 10 - Additional Design Services

The work includes, but is not limited to, technical studies, analysis, conceptual –final designs, and other engineering services as directed by the Engineer that relate to the Project.

KA/LMR:
Ex B – Scope of Work
8439SOW

EXHIBIT C

Form of Directive

Date _____

(Consultant)
(Consultant Address)
(City, State, Zip Code)

Attn: (Project Manager)

SUBJECT: DIRECTIVE NO. _____
PROJECT TITLE _____
AGREEMENT NO. _____

Pursuant to Section 2.2(a) of the subject Agreement No. _____, after receipt of a written Notice to Proceed signed by the Chief Harbor Engineer of the Construction Division, Consultant shall proceed with the following:

Task	Services	Authorized Amount
1	_____	\$_____ (Lump Sum)
2	_____	\$_____ (Not to Exceed)

Consultant shall provide all required tasks, services, and deliverables in accordance with Exhibit "A" to Agreement No. _____.

Consultant shall complete the work within ____ calendar days from the transmittal of a written Notice to Proceed.

When invoicing for the services covered by this Directive, please identify fees for this Directive as follows:

LAHD EWO No. _____	LAHD Job No. _____
LAHD Center No. _____	LAHD Program No. _____
LAHD Account No. _____	

Consultant shall undertake the following MBE/WBE/SBE/DVBE/OBE utilization in connection with its performance of this Directive:

MBE XX%, WBE XX%, SBE XX%, DVBE XX%, OBE XX%, VSBE XX%

Consultant acknowledges that the terms and conditions of Agreement No. _____ govern this Directive and that its signature below reflects its agreement with the terms and conditions of this Directive.

Please sign both original copies of this Directive. Retain one original for your files and return the other executed copy to this office immediately.

If you have any questions, please contact _____ at (310) 732-_____.

Sincerely,

Dave Walsh
Chief Harbor Engineer
Engineering Division

ACCEPTED:

APPROVED:

(Consultant Name)
Consultant

ANTONIO V. GIOIELLO
Deputy Executive Director

Date: _____

Date: _____

Exhibit "D"

Form of Notice to Proceed

(Date)

(Consultant)
(Consultant Address)
(City, State, Zip)

Attention: (Project Manager)

Subject: Notice to Proceed – Directive No. _____
Agreement No. _____
(Project Name)

This is to notify and direct you to commence performance of the subject Directive.
Enclosed is your set of the executed Directive documents.

If you have any questions, please contact _____ at (310) 732-_____.

Very truly yours,

Dave Walsh
Chief Harbor Engineer

Enclosure: Directive No. _____

EXHIBIT E

COMPENSATION

For those items of the Scope of Work for which compensation is payable in fixed fee amounts, payment to the Consultant shall be made in accordance with the compensation schedule as set forth in the project directive, and the percentage of completion of each phase of the Scope of Work, as determined and approved by the Engineer and based upon monthly progress reports submitted by the Consultant. Monthly progress payments shall be equal to the percentage of completion of each phase multiplied by the fixed fee payable for completion of each phase, less amounts previously billed.

For those items of the Scope of Work for which compensation is payable in not-to-exceed amounts, the Consultant shall be paid an hourly fee as defined in Section 5.2 of this Agreement, at the rates set forth in Exhibit "F" and in accordance with the compensation schedule as set forth in the Directive. The Consultant's monthly invoice shall itemize all hours actually worked in performing such services, identifying the personnel and sub-consultant classifications of individuals performing the Directive, and the applicable hourly rates, according to Exhibit "F."

Compensable amounts set forth on (i) an hourly basis, or (ii) on the basis of an estimated Fixed Fee subject to a not-to-exceed maximum, are estimated only. In the event that all necessary services required in any category described above are, in the judgment of the Engineer, fully performed by Consultant at a cost to City which is less than the amounts estimated and authorized hereunder, Engineer may apply the unexpended balance to compensate Consultant for services in any other category for which compensation was underestimated on either of these bases.

A 5% (five percent) mark-up payable to the prime Consultant shall be allowed for work performed by listed Subconsultants. This mark-up shall be considered payment in full for all necessary work performed by the listed Subconsultants.

EXHIBIT F



On Call Engineering Services Rate Sheet

D R Consultants & Designers, Inc.

Labor Category/Classification	All Inclusive Rates
Principal	\$260
Senior Project Manager/Professional	\$238
QA/QC Officer	\$221
Project Controls Engineer	\$175
Senior Scheduler/Cost Engineer	\$168
Scheduler/Cost Engineer	\$145
Project Coordinator	\$100
Senior Project Engineer	\$188
Project Engineer/Professional	\$150
Associate Engineer/Professional	\$132
Assistant Engineer/Professional	\$102
Staff Engineer/Professional	\$117
CAD Manager	\$138
CAD Designer	\$112
CAD Drafter	\$93
Senior Construction Manager	\$175
Senior Inspector	\$148
Inspector	\$141
Senior Contracts Administrator	\$160
Contract Administrator	\$122
Systems Integrator	\$175
Document Control	\$110
Administrative Assistant	\$94
Word Processing/Clerical	\$75
Graphic Designer	\$87

Other Direct Costs	Cost
Travel	at cost
Mileage	IRS rate
Print/Copy and other outside supplies and services	at cost
Other Direct Costs	at cost

EXHIBIT F



On Call Engineering Services Rate Sheet

Anchor QEA, LLC

Labor Category/Classification	2019 All Inclusive Rates
Principal 2/Senior Technical Advisor	\$265.00
Principal 1	\$256.00
Senior Manager	\$229.00
Manager	\$213.00
Senior Staff	\$190.00
Staff 3	\$167.00
Staff 2	\$149.00
Staff 1	\$126.00
Senior CAD Designers	\$132.00
CAD Designer	\$110.00
Technician	\$107.00
Senior Technical Editor	\$130.00
Technical Editor	\$110.00
Senior Project Coordinator	\$124.00
Project Coordinator	\$106.00
National Expert Consultants	\$424.00
All Work by a testifying Expert	1.5 x professional level rates

Other Direct Costs	Cost
Computer Modeling (per hour)	10
Graphic Plots (varies with plot size)	3-6/sf
Mileage	IRS Rate
Travel and Expenses	at cost
Vehicle Rental	\$100/day
Boat Rental	\$300/day
Health and Safety Equipment (PFD, hard hat, eyewear)	\$20/day/person
Field Computer (WIFI Only)	\$10/day
Field Tablet w/Mobile Internet	\$50/day
Field Tablet w/Mobile Internet and Trimble R1 GPS	\$75/day
Communication Equipment (Mobile Internet)	\$10/day/person
GPS – Differential (Trimble GeoXH)	\$100/day
GPS – Handheld (Garmin)	\$20/day
Digital Camera	\$5/day
Underwater Camera/Video Recorder	\$50/day
Remote Underwater Camera Kit	\$120/day
Unmanned Drone (Including Data Processing)	\$250/day
Water Quality Meter	\$100/day

EXHIBIT F



On Call Engineering Services Rate Sheet

Arup

Labor Category/Classification	All Inclusive Rates
Principals	\$406
Associate Principals	\$281
Associates	\$239
Senior Engineers/Consultants	\$208
Engineers/Consultants	\$156
Senior BIM Technician	\$166
BIM Technician	\$130
Senior Project Controls	\$224
Project Controls	\$151
Project Administration	\$114

Other Direct Costs	Cost
All Other Direct Costs	At Cost

EXHIBIT F



On Call Engineering Services Rate Sheet

CallisonRTKL Inc.

Labor Category/Classification	All Inclusive Rates
Jr. Staff / Project Admin	\$ 95.00
Designer	\$ 130.00
Senior Designer	\$ 155.00
Associate	\$ 185.00
Senior Associates	\$ 210.00
Associates Vice President	\$ 235.00
Senior Associate Vice President	\$ 260.00
Vice President	\$ 285.00
Senior Vice President	\$ 315.00
Executive Vice President	\$ 365.00

EXHIBIT F



On Call Engineering Services Rate Sheet

Corrpro

Labor Category/Classification	All Inclusive Rates
Engineering Services Personnel:	
Project Director	\$242.00
Senior Consultant/Specialist	\$215.00
Principal Engineer	\$196.00
Lead Discipline Engineer	\$168.00
Project Manager	\$162.00
Senior Engineer/CP Specialist	\$152.00
Engineer II	\$135.00
Engineer I	\$125.00
Senior Technologist	\$115.00
Technologist	\$105.00
Senior Technician	\$100.00
Technician	\$105.00
Coating Inspector (NACE CIP3)	\$125.00
Data Integration	\$85.00
Designer/CAD	\$95.00
Project Administrator	\$68.00
Word Processing	\$65.00

Other Direct Costs	Cost per hour
Commercial Travel, Rental Equipment	Cost
Subsistence (rooms and meals)	Cost
Pipe laboratory testing (SEM/EDX) per pipe s	Cost
Laboratory soil testing to measure/confirm so	\$200/Ea.

Terms and Conditions

1. All rates are portal to portal from the office where the personnel and equipment are based.
2. Rates do not include taxes or work permits.
3. The schedule of the work will be mutually agreed.
4. Rates are effective through the contract period.
5. Four (4) hour minimum charge.
6. Engineering rates are normal non-prevailing wage rates. If prevailing rates are required the quoted rates will be higher.
7. Per Day rates are based on an eight (8) hour day.
8. Equipment rates include all maintenance, fuel, lubricants and insurance.
9. Hourly rates of personnel and equipment pertain to transportation, operating time on the job and standby time.
10. Regular time rates apply to work performed Monday through Friday up to 8 hours per day and/or 40 hours per week.
11. Overtime rates will not apply to this contract.
12. Davis-Bacon and/ or state prevailing wages not included.

EXHIBIT F



On Call Engineering Services Rate Sheet

Earth Mechanics, Inc.

Labor Category/Classification	All Inclusive Rates
Principal/Senior Consultant	\$272.85
Principal Engineer/Geologist	\$238.44
Senior Engineer/Geologist	\$200.79
Senior Project Engineer/Geologist	\$166.28
Project Engineer/Geologist	\$153.73
Senior Staff Engineer/Geologist	\$119.22
Staff Engineer/Geologist	\$106.67
Senior Technician	\$131.77
Technician	\$62.75
Clerical	\$109.81

EXHIBIT F



On Call Engineering Services Rate Sheet

FPL and Associates, Inc.

Labor Category/Classification	All Inclusive Rates
Principal-in-Charge	\$245.00
Project Manager	\$234.00
Quality Manager	\$210.00
Senior Design Engineer II	\$204.00
Senior Design Engineer I	\$184.00
Associate Design Engineer	\$145.00
Assistant Design Engineer	\$111.00

EXHIBIT F



On Call Engineering Services Rate Sheet

GEI Consultants, Inc.

Labor Category/Classification	All Inclusive Rates
Staff Professional – Grade 1	\$118.00
Staff Professional – Grade 2	\$130.00
Project Professional/Project Eng.	\$142.00
Project Professional/Geotech Proj. Eng	\$160.00
Senior Professional/ Geophysicist, NDT Senior Eng.	\$188.00
Senior Professional	\$214.00
Senior Professional/Chief Structural Eng., NDT Group Leader, Senior Geotech Eng.	\$255.00
Senior Consultant	\$286.00
Senior Consultant/Chief Eng., Chief Coastal Eng., Chief Geotech Eng.	\$348.00
Senior Principal	\$348.00
Senior CADD Drafter, Designer	\$142.00
CADD Drafter, Designer, Senior Technician	\$130.00
Field Professional	\$107.00
Technician, Word Processor, Administrative Staff	\$106.00
Office Aide	\$83.00

EXHIBIT F



On Call Engineering Services Rate Sheet

GEOVISION

Labor Category/Classification	All Inclusive Rates
Principal (Engineer/Geologist/Environmental Scientist)	\$228.25
Senior Project Manager	\$178.75
Project Manager II	\$137.50
Senior Project Engineer	\$123.75
Project Engineer	\$110.00
Senior Engineer / Geologist / Environmental Scientist	\$101.75
Engineer / Geologist / Environmental Scientist II	\$77.00
Engineer / Geologist / Environmental Scientist I	\$68.75
Senior Technician	\$101.75
Technician	\$88.00
Assistant Technician	\$77.00
Utility Locator Tech	\$88.00
Ground Penetrating Radar Tech	\$101.75

Other Direct Costs	Cost
Full StructureScan GPR Vehicle with SIR10B or SIR4000, laptop, RADAN, 2x1.5GB antenna, and on-site color plotting, daily rate	600
Full Utility Search Vehicle with GPR, Fisher, 2 EM utility locators, field supplies	500
Full UST and Utility Search Vehicle with EM, Magnetic, GPR, Fisher, Metrotech, and RD400 equipment	650
SUE (Subsurface Utility Engineering) Equipment to augment Utility Search, including Compressor, Air powered spade and other digging tools, Vacuum Extraction System, and Nikon NPL-362 Total Station	1000
Oyo P-S Wave Suspension Logging System with Logging Truck (w/o truck -\$100) (4)	1000
Robertson Borehole Televiwer (both HRAT and OPTV) including winch, Micrologger II, SmartWinch, and Logging Truck (w/o truck subtract \$100)	300
Robertson E-Logging system including winch, Micrologger II, E-log probe (16"/64" Normal Resistivity / Natural Gamma / SPR / SP)	300
Robertson Caliper/Nat'l Gamma, or Fluid Temp/Conductivity/N Gamma, add-on to E-Log or BHTV	150
Geostuff Downhole Seismic Probe incl. cables, Geode, shear wave plank and vehicle	400
GEOVision "Triple Whammy" high energy P- and S-wave surface source for downhole seismic, includes 3 PEG 40KG accelerated weight drop generators	500
SASW System (HP Analyzer, 1 Hz seismometers, AWD or shaker source)	350
Full Surface-Wave System, including MASW, SASW, ReMI (includes SASW system plus refraction system with Geodes)	650
Seismic Refraction System (24 channel, cables, geophones, sledge hammer, AWD or Betsy firing rod, level, GPS system) (2)	500
Seismic Refraction System (48 channel, cables, geophones, sledge hammer, AWD or Betsy firing rod, level, GPS system)	650
AGI SuperSting R8 IP earth resistivity system with R8/112 Switch Box and 56 electrodes	375
AGI SuperSting R8 IP earth resistivity system with R8/112 Switch Box and 112 electrodes	650
Trimble R8 RTK GPS System (Rover, Base, Radio, Data Collector, etc.)	300
MicroVib Seismic Reflection System including MicroVib, Doghouse with 144Ch OYO DAS-1/ SelsNet Acquisition system, Input/Output Roll Box, 5KVA generator, 240 channels 40Hz S-wave geophones, and cables	1800
Equipment and Supplies	At cost
Travel	At cost
Deliverables	At cost
Permit Fees	At cost
Mileage:	IRS Rate

EXHIBIT F



On Call Engineering Services Rate Sheet

Holmes Fire

Labor Category/Classification	All Inclusive Rates
Principal	\$275
Technical Director / Project Director	\$275
Senior Fire Engineer	\$250
Fire Engineer / Senior Fire Safety Specialist	\$200
Fire Safety Specialist	\$185
Draftsperson	\$130
Administrative Personnel	\$80

EXHIBIT F



On Call Engineering Services Rate Sheet

Integrated Engineering Management dba IEM

Labor Category/Classification	All Inclusive Rates
Sr. Cost Estimator / Sr. Scheduler	\$196
Cost Estimator / Scheduler	\$196

EXHIBIT F



On Call Engineering Services Rate Sheet

Mott MacDonald, LLC

Labor Category/Classification	All Inclusive Rates
Principal (Engineer/Geologist/Environmental Scientist)	\$285.04
Senior Project Manager	\$271.96
Project Manager III	\$259.96
Project Manager II	\$218.63
Project Manager I	\$188.17
Senior Tech Specialist	\$337.29
Principal Engineer II	\$281.58
Principal Engineer I	\$244.49
Senior Project Engineer	\$209.16
Project Engineer	\$179.52
Senior Engineer / Geologist / Environmental Scientist	\$209.16
Engineer / Geologist / Environmental Scientist IV	\$136.62
Engineer / Geologist / Environmental Scientist III	\$118.07
Engineer / Geologist / Environmental Scientist II	\$103.78
Engineer / Geologist / Environmental Scientist I	\$99.54
Project Designer III	\$182.01
Project Designer II	\$159.78
Project Designer I	\$120.50
GIS Analyst	\$96.52
Lead Drafter	\$182.01
CAD Technician/Drafter/Illustrator III	\$159.28
CAD Technician/Drafter/Illustrator II	\$120.50
CAD Technician/Drafter/Illustrator I	\$120.50
Contract Administrator	\$157.62
Project Administrator	\$153.72
Senior Project Assistant	\$109.02
Project Assistant	\$104.34
Administrative/Clerk	\$78.87
Technical Assistant/Word Processor	\$104.34
Principal Structural Engineer	\$332.94
Senior Structural Engineer	\$186.94
Structural Engineer	\$146.79
Staff Structural Engineer	\$108.67
Assistant Structural Engineer	\$108.67
Railway Systems Engineer	\$309.38
Railway Signal Technologist	\$246.93
Railway Signal Designer	\$246.93
Mechanical Engineer	\$308.38
Electrical Engineer	\$308.38
Cost Estimator	\$221.22
Scheduler	\$236.86
Quality Control Manager	\$212.62

Other Direct Costs	Cost
Equipment and Supplies	At cost
Travel	At cost
Deliverables	At cost
Permit Fees	At cost
Mileage	IRS Rate

EXHIBIT F



On Call Engineering Services Rate Sheet

Noble Consultants, Inc

Labor Category/Classification	All Inclusive Rates
Senior Principal Engineer	\$350.00
Principal Engineer	\$290.00
Senior Associate Engineer	\$254.00
Associate Engineer	\$238.00
Associate Economist	\$238.00
Senior Structural Engineer	\$222.00
Senior Structural Engineer I	\$206.00
Senior Engineer II	\$222.00
Senior Engineer I	\$206.00
Structural Engineer	\$194.00
Project Engineer II	\$182.00
Project Engineer I	\$168.00
Construction Manager	\$178.00
Construction Cost Estimator	\$168.00
Senior Survey Engineer	\$168.00
Staff Engineer III	\$164.00
Staff Engineer II	\$158.00
Staff Engineer I	\$142.00
Surveyor II	\$138.00
Surveyor I	\$122.00
Senior Construction Inspector	\$134.00
CADD Designer/Operator	\$134.00
Assistant Engineer	\$126.00
Construction Inspector	\$122.00
Technician	\$104.00
Word Processing / Clerical	\$94.00

Other Direct Costs	Cost
Survey Vessel	\$300 per day
RTK-DGPS Surveying	375 per day
Locus DGPS Surveying	275 per day
DGPS Navigation System	375 per day
Gyro	25 per day
Motion Compensator	200 per day
Precision Depth Sounder	75 per day
Tide Gage	75 per day
Theodolite/Total Station	150 per day
Radios	15 per day
Photocopying	0.30 per day
Color Photocopy (8-1/2x11)	1.00 per page
Color Photocopy (11x17)	1.25 per page
CADD Plots	\$2.00 per page
Imagenex Profiling Sonar	375 per day
Imagenex Side Scan Sonar	375 per day
Sparker Sub-bottom Profiler	400 per day
Uniboom Sub-bottom Profiler	350 per day
3.5 Tuned Transducer System	250 per day
Marine Magnetometer	200 per day
Underwater Video System	125 per day
Truck	100 per day
Generator	50 per day
Inspector Boat	100 per day
Automobile	1.00 per mile

EXHIBIT F



On Call Engineering Services Rate Sheet

Owen Group, Inc.

Labor Category/Classification	All Inclusive Rates
Principal - Principal Architect - Principal Engineer	\$235.00
Senior Project Manager	\$185.00
Senior / Project Architect	\$165.00
Job Captain	\$140.00
Senior Interior Designer	\$160.00
Interior Designer	\$140.00
LEED Specialist	\$150.00
CASP	\$145.00
Senior / Project Civil Engineer	\$175.00
Civil Engineer / Designer	\$135.00
Senior / Project Structural Engineer	\$175.00
Structural Engineer / Designer	\$145.00
Senior / Project Mechanical Engineer	\$175.00
Mechanical Engineer / Designer	\$145.00
Senior Commissioning Agent	\$175.00
Commissioning Agent	\$150.00
Senior Plumbing / Fire Protection Engineer	\$165.00
Plumbing Engineer / Designer	\$140.00
Senior / Project Electrical Engineer	\$175.00
Electrical Engineer	\$145.00
Staff Designer / Engineer II	\$145.00
Staff Designer / Engineer I	\$125.00
Sr. CAD Designer	\$110.00
CAD Designer	\$100.00
Construction Manager	\$190.00
Senior Cost Estimator	\$180.00
Cost Estimator / Scheduler	\$150.00
Construction Staff Engineer	\$100.00
Project Coordinator / Document Control	\$100.00
Administrative	\$80.00
Clerical	\$70.00

Other Direct Costs	Cost
Telephone, Printing, delivery & Reproduction	At Cost
Travel expenses (food, lodging, etc.)	At Cost

EXHIBIT F



On Call Engineering Services Rate Sheet

P2S Inc.

Labor Category/Classification	All Inclusive Rates
PRINCIPAL ENGINEER	\$258
ENGINEER GRADE 05	\$243
ENGINEER GRADE 04	\$232
ENGINEER GRADE 03	\$204
ENGINEER GRADE 02	\$186
ENGINEER GRADE 01	\$168
DESIGN ENGINEER GRADE 05	\$204
DESIGN ENGINEER GRADE 04	\$186
DESIGN ENGINEER GRADE 03	\$168
DESIGN ENGINEER GRADE 02	\$151
DESIGN ENGINEER GRADE 01	\$132
DESIGNER GRADE 04	\$142
DESIGNER GRADE 03	\$132
DESIGNER GRADE 02	\$125
DESIGNER GRADE 01	\$116
CAD/BIM DESIGNER GRADE 04	\$116
CAD/BIM DESIGNER GRADE 03	\$108
CAD/BIM DESIGNER GRADE 02	\$97
CAD/BIM DESIGNER GRADE 01	\$88
PROJECT ASSISTANT	\$88

EXHIBIT F



On Call Engineering Services Rate Sheet

Pacific Railway Enterprises, Inc.

Labor Category/Classification	All Inclusive Rates
Sr. Systems Engineer	\$250.54
Professional Engineer	\$194.11
Rail Program Manager	\$162.51
Sr. Railroad Systems Technologist IV	\$214.42
Sr. Railroad Systems Technologist III	\$180.57
Sr. Railroad Systems Technologist II	\$155.74
Sr. Railroad Systems Technologist I	\$139.38
Railroad Systems Technologist II	\$119.63
Railroad Systems Technologist I	\$104.39
Signal Designer III	\$81.26
Signal Designer II	\$67.71
Signal Designer I	\$56.43

EXHIBIT F



On Call Engineering Services Rate Sheet

PMA CONSULTANTS LLC

Labor Category/Classification	All Inclusive Rates
Scheduler	\$200.25

Other Direct Costs	Cost
Equipment and Supplies	At cost
Travel	At cost
Deliverables	At cost
Permit Fees	At cost
Mileage	IRS Rate

EXHIBIT F



On Call Engineering Services Rate Sheet

Psomas

Labor Category/Classification	All Inclusive Rates
Principal (Engineer/Geologist/Environmental Scientist)	\$230.00
Senior Project Manager	\$215.00
Project Manager II	\$180.00
Project Manager I	\$165.00
Project Engineer	\$180.00
Senior Technician	\$135.00
Technician	\$95.00
Assistant Technician	\$80.00
GIS Analyst	\$150.00
CAD Technician/Drafter/Illustrator III	\$110.00
CAD Technician/Drafter/Illustrator II	\$102.00
CAD Technician/Drafter/Illustrator I	\$95.00
Contract Administrator	\$235.00
Project Administrator	\$105.00
Utility Locator Tech	\$195.00
Ground Penetrating Radar Tech	\$195.00
Survey Party Chief	\$155.00
Survey Party Tech	\$130.00
2 Person Survey Party w/Equipment	\$285.00
3 Person Survey Party w/ Equipment	\$415.00
Quality Control Manager	\$240.00

Other Direct Costs	Cost
Equipment and Supplies	At cost
Travel	At cost
Deliverables	At cost
Permit Fees	At cost
Mileage:	IRS Rate

EXHIBIT F



On Call Engineering Services Rate Sheet

Sea Engineering, Inc.

Labor Category/Classification	All Inclusive Rates
Senior Project Manager	\$243.21
Senior Engineer	\$205.65
Engineer	\$170.32
Junior Engineer	\$130.72
Administrative	\$82.18
Diver - Straight Time	\$225.80
Dive Supervisor - Straight Time	\$225.80
Standby Diver - Straight Time	\$137.41
Tender - Straight Time	\$135.51
Diver - Overtime Daily/Saturday	\$327.55
Dive Supervisor - Overtime Daily/Saturday	\$327.55
Standby Diver - Overtime Daily/Saturday	\$191.74
Tender - Overtime Daily/Saturday	\$188.80
Diver - Overtime Sunday/Holiday	\$425.84
Dive Supervisor - Overtime Sunday/Holiday	\$425.84
Standby Diver - Overtime Sunday/Holiday	\$244.76
Tender - Overtime Sunday/Holiday	\$240.84

EXHIBIT F



On Call Engineering Services Rate Sheet

Stantec Consulting Services

Labor Category/Classification	All Inclusive Rates
Steve Brady	\$216.00
Keith Rutherford	\$196.00
Kelly Brown	\$196.00

EXHIBIT F



On Call Engineering Services Rate Sheet

Studio MLA

Labor Category/Classification	All Inclusive Rates
President	\$250.00
Principal	\$185.00
Senior Associate	\$150.00
Associate	\$135.00
Project Designer	\$100.00

EXHIBIT F



On Call Engineering Services Rate Sheet

SWA Group, Inc.

Labor Category/Classification	All Inclusive Rates
Managing Principal	\$295.00
Principal	\$210.00
Associate Principal	\$145.00
Associate Principal	\$120.00
Designer	\$85.00
Administrator	\$85.00

EXHIBIT F



On Call Engineering Services Rate Sheet

Transystems

Labor Category/Classification	All Inclusive Rates
Senior Project Manager	\$264.00
Project Manager	\$165.00
Lead Drafter	\$128.00
CAD Technician/Drafter/Illustrator III	\$143.00
CAD Technician/Drafter/Illustrator II	\$100.00
CAD Technician/Drafter/Illustrator I	\$57.00
Contract Administrator	\$197.00
Project Administrator	\$90.00
Senior Project Assistant	\$80.00
Project Assistant	\$73.00
Administrative/Clerk	\$73.00
Technical Assistant/Word Processor	\$73.00
Physical Security Professional	\$210.00
Senior Civil Engineer	\$264.00
Civil Engineer	\$113.00

Other Direct Costs	Cost
Field Vehicle Usage	IRS Rate
Plotting/Printing Cost per 8.5x11 sheet	At cost
Plotting/Printing Cost per 11x17 sheet	At cost
Plotting/Printing Cost per custom sheet size	At cost
Equipment and Supplies	At cost
Travel	At cost
Deliverables	At cost
Permit Fees	At cost
Mileage	Current IRS Rate

EXHIBIT F



On Call Engineering Services Rate Sheet

Value Management Strategies, Inc. (VMS)

Labor Category/Classification	All Inclusive Rates
Principal (Engineer/Geologist/Environmental)	\$420.10
Contract Administrator	\$126.70
Project Administrator	\$159.05
Technical Assistant/Word Processor	\$124.35
Certified Value Specialist	\$252.06

EXHIBIT F



On Call Engineering Services Rate Sheet

WSP

Labor Category/Classification	All Inclusive Rates
COASTAL ENGINEER	\$178.33
CAD OPERATOR III	\$75.30
CADD DESIGNER III	\$140.80
PROJECT MANAGER I	\$224.83
PROJECT MANAGER II	\$231.18
PROJECT MANAGER III	\$249.40
MARITIME PLANNER	\$177.96
PROJECT ACCOUNTANT II	\$116.76
PROJECT MANAGER	\$180.11
PRINCIPAL CONSULTANT II	\$222.42
PRINCIPAL CONSULTANT III	\$267.36
SENIOR RAILROAD ENGINEER	\$254.32
SENIOR ARCHITECT MANAGER	\$242.05
SENIOR ENGINEERING MANAGER	\$266.80
SENIOR PLANNING MANAGER	\$273.33
SENIOR SUPERVISOR ENGINEER	\$220.99
STRUCTURAL ENGINEER	\$189.20
SUPERVISING ENGINEER	\$211.92
TECHNICAL SPECIALIST	\$80.19

Other Direct Costs	Cost
Mileage	IRS Rate
Reproduction	At Cost
Mailing/Shipping	At Cost
Travel	At Cost

EXHIBIT F



On Call Engineering Services Rate Sheet

Yunsoo Kim Design Inc.

Labor Category/Classification	All Inclusive Rates
Principal	\$200.00
Project Manager	\$150.00
Senior Landscape Designer	\$110.00
Landscape Designer	\$80.00

EXHIBIT G

Company Name & Logo
Address

Accounts Payable Section
Harbor Department, City of Los Angeles
P.O. Box 191
San Pedro, CA 90733-0191
Attention: _____

Project Title:
Agreement No.:
Directive No.:

Invoice No.:
Invoice Date:
Invoice Period:
Federal ID No.:
City Business Tax No.:

Consultant Contact:
Telephone:

Task No.	Description	Fee Type	Contract Amount	Authorized Amount	% Comp	Amount Paid to Date	Prior Invoices	Current Invoice	Remaining Balance
1			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
2			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
3			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
4			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
	GRAND TOTAL		\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -

"I certify under penalty of perjury that the above bill is just and correct according to the terms of Agreement No. _____ and that payment has not been received. I further certify that I have complied with the provisions of the City's Living Wage Ordinance."

Project Manager

EXHIBIT H

MONTHLY SUBCONSULTANT MONITORING REPORT

Instructions: Please indicate the SBE/MBE/WBE/OBE/DBE participation levels achieved for the month of _____ covered by the referenced contract number.

Contract No. _____ Division _____ Contractor Administrator _____

Contractor _____ *Group _____ Contract Title/Project _____

Contract Amount _____ Start Date _____ End Date _____

Total Amount Invoiced to Date _____

SBE Mandated Participation Percentage _____ SBE _____ VSBE _____

Proposed Subcontractor Percentage _____ MBE _____ WBE _____ OBE _____ DVBE _____

				PROPOSED		ACTUALS		
	Name of Subcontractor	Type of Work Performed	Group SBE/VSBE/MBE/WBE/OBE/DVBE	Original Proposed Amount	Original Proposed Percentage	Amount Paid to Date	Amount Paid to Date Percentage	Contract Amount Percentage
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

Directions:

Original Proposed Percentage: Original Proposed Percentage of Total Contract Amount

Amount Paid to Date Percentage: Percentage of Total Amount Invoiced to Date

Contract Amount Percentage: Percentage Paid to Date of Total Contract Amount

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

Sec. 10.8.4 Affirmative Action Program Provisions.

Every non-construction contract with or on behalf of the City of Los Angeles for which the consideration is \$100,000 or more and every construction contract with or on behalf of the City of Los Angeles for which the consideration is \$5,000 or more shall contain the following provisions which shall be designated as the AFFIRMATIVE ACTION PROGRAM provisions of such contract:

- A. During the performance of City contract, the contractor certifies and represents that the contractor and each subcontractor hereunder will adhere to an affirmative action program to ensure that in its employment practices, persons are employed and employees are treated equally and without regard to or because of race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
 - 1. This provision applies to work or services performed or materials manufactured or assembled in the United States.
 - 2. Nothing in this section shall require or prohibit the establishment of new classifications of employees in any given craft, work or service category.
 - 3. The contractor shall post a copy of Paragraph A hereof in conspicuous places at its place of business available to employees and applicants for employment.
- B. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to their race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
- C. As part of the City's supplier registration process, and/or at the request of the awarding authority or the Office of Contract Compliance, the contractor shall certify on an electronic or hard copy form to be supplied, that the contractor has not discriminated in the performance of City contracts against any employee or applicant for employment on the basis or because of race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
- D. The contractor shall permit access to and may be required to provide certified copies of all of its records pertaining to employment and to its employment practices by the awarding authority or the Office of Contract Compliance, for the purpose of investigation to ascertain compliance with the Affirmative Action Program provisions of City contracts, and on their or either of their request to provide evidence that it has or will comply therewith.

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

- E. The failure of any contractor to comply with the Affirmative Action Program provisions of City contracts may be deemed to be a material breach of contract. Such failure shall only be established upon a finding to that effect by the awarding authority, on the basis of its own investigation or that of the Board of Public Works, Office of Contract Compliance. No such finding shall be made except upon a full and fair hearing after notice and an opportunity to be heard has been given to the contractor.
- F. Upon a finding duly made that the contractor has breached the Affirmative Action Program provisions of a City contract, the contract may be forthwith cancelled, terminated or suspended, in whole or in part, by the awarding authority, and all monies due or to become due hereunder may be forwarded to and retained by the City of Los Angeles. In addition thereto, such breach may be the basis for a determination by the awarding authority or the Board of Public Works that the said contractor is an irresponsible bidder or proposer pursuant to the provisions of Section 371 of the Los Angeles City Charter. In the event of such determination, such contractor shall be disqualified from being awarded a contract with the City of Los Angeles for a period of two years, or until he or she shall establish and carry out a program in conformance with the provisions hereof.
- G. In the event of a finding by the Fair Employment and Housing Commission of the State of California, or the Board of Public Works of the City of Los Angeles, or any court of competent jurisdiction, that the contractor has been guilty of a willful violation of the California Fair Employment and Housing Act, or the Affirmative Action Program provisions of a City contract, there may be deducted from the amount payable to the contractor by the City of Los Angeles under the contract, a penalty of TEN DOLLARS (\$10.00) for each person for each calendar day on which such person was discriminated against in violation of the provisions of a City contract.
- H. Notwithstanding any other provisions of a City contract, the City of Los Angeles shall have any and all other remedies at law or in equity for any breach hereof.
- I. The Public Works Board of Commissioners shall promulgate rules and regulations through the Office of Contract Compliance and provide to the awarding authorities electronic and hard copy forms for the implementation of the Affirmative Action Program provisions of City contracts, and rules and regulations and forms shall, so far as practicable, be similar to those adopted in applicable Federal Executive Orders. No other rules, regulations or forms may be used by an awarding authority of the City to accomplish this contract compliance program.
- J. Nothing contained in City contracts shall be construed in any manner so as to require or permit any act which is prohibited by law.
- K. The Contractor shall submit an Affirmative Action Plan which shall meet the requirements of this chapter at the time it submits its bid or proposal or at the time it

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

registers to do business with the City. The plan shall be subject to approval by the Office of Contract Compliance prior to award of the contract. The awarding authority may also require contractors and suppliers to take part in a pre-registration, pre-bid, pre-proposal, or pre-award conference in order to develop, improve or implement a qualifying Affirmative Action Plan. Affirmative Action Programs developed pursuant to this section shall be effective for a period of twelve

months from the date of approval by the Office of Contract Compliance. In case of prior submission of a plan, the contractor may submit documentation that it has an Affirmative Action Plan approved by the Office of Contract Compliance within the previous twelve months. If the approval is 30 days or less from expiration, the contractor must submit a new Plan to the Office of Contract Compliance and that Plan must be approved before the contract is awarded.

1. Every contract of \$5,000 or more which may provide construction, demolition, renovation, conservation or major maintenance of any kind shall in addition comply with the requirements of Section 10.13 of the Los Angeles Administrative Code.
2. A contractor may establish and adopt as its own Affirmative Action Plan, by affixing his or her signature thereto, an Affirmative Action Plan prepared and furnished by the Office of Contract Compliance, or it may prepare and submit its own Plan for approval.

L. The Office of Contract Compliance shall annually supply the awarding authorities of the City with a list of contractors and suppliers who have developed Affirmative Action Programs. For each contractor and supplier the Office of Contract Compliance shall state the date the approval expires. The Office of Contract Compliance shall not withdraw its approval for any Affirmative Action Plan or change the Affirmative Action Plan after the date of contract award for the entire contract term without the mutual agreement of the awarding authority and the contractor.

M. The Affirmative Action Plan required to be submitted hereunder and the pre-registration, pre-bid, pre-proposal or pre-award conference which may be required by the Board of Public Works, Office of Contract Compliance or the awarding authority shall, without limitation as to the subject or nature of employment activity, be concerned with such employment practices as:

1. Apprenticeship where approved programs are functioning, and other on-the-job training for non-apprenticeable occupations;
2. Classroom preparation for the job when not apprenticeable;
3. Pre-apprenticeship education and preparation;

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

4. Upgrading training and opportunities;
 5. Encouraging the use of contractors, subcontractors and suppliers of all racial and ethnic groups, provided, however, that any contract subject to this ordinance shall require the contractor, subcontractor or supplier to provide not less than the prevailing wage, working conditions and practices generally observed in private industries in the contractor's, subcontractor's or supplier's geographical area for such work;
 6. The entry of qualified women, minority and all other journeymen into the industry; and
 7. The provision of needed supplies or job conditions to permit persons with disabilities to be employed, and minimize the impact of any disability.
- N. Any adjustments which may be made in the contractor's or supplier's workforce to achieve the requirements of the City's Affirmative Action Contract Compliance Program in purchasing and construction shall be accomplished by either an increase in the size of the workforce or replacement of those employees who leave the workforce by reason of resignation, retirement or death and not by termination, layoff, demotion or change in grade.
- O. Affirmative Action Agreements resulting from the proposed Affirmative Action Plan or the pre-registration, pre-bid, pre-proposal or pre-award conferences shall not be confidential and may be publicized by the contractor at his or her discretion. Approved Affirmative Action Agreements become the property of the City and may be used at the discretion of the City in its Contract Compliance Affirmative Action Program.
- P. This ordinance shall not confer upon the City of Los Angeles or any Agency, Board or Commission thereof any power not otherwise provided by law to determine the legality of any existing collective bargaining agreement and shall have application only to discriminatory employment practices by contractors or suppliers engaged in the performance of City contracts.
- Q. All contractors subject to the provisions of this section shall include a like provision in all subcontracts awarded for work to be performed under the contract with the City and shall impose the same obligations, including but not limited to filing and reporting obligations, on the subcontractors as are applicable to the contractor. Failure of the contractor to comply with this requirement or to obtain the compliance of its subcontractors with all such obligations shall subject the contractor to the imposition of any and all sanctions allowed by law, including but not limited to termination of the contractor's contract with the City.

EXHIBIT J

SMALL/VERY SMALL BUSINESS ENTERPRISE PROGRAM AND LOCAL BUSINESS PREFERENCE PROGRAM

(1) SMALL/VERY SMALL BUSINESS ENTERPRISE PROGRAM

The City of Los Angeles Harbor Department is committed to creating an environment that provides all individuals and businesses open access to the business opportunities available at the Harbor Department in a manner that reflects the diversity of the City of Los Angeles. The Harbor Department's Small Business Enterprise (SBE) Program was created to provide additional opportunities for small businesses to participate in professional service and construction contracts. An overall Department goal of 25% SBE participation, including 5% Very Small Business Enterprise (VSBE) participation, has been established for the Program. The specific goal or requirement for each contract opportunity may be higher or lower based on the scope of work.

It is the policy of the Harbor Department to solicit participation in the performance of all service contracts by all individuals and businesses, including, but not limited to, SBEs, VSBEs, women-owned business enterprises (WBEs), minority-owned business enterprises (MBEs), and disabled veteran business enterprises (DVBES). The SBE Program allows the Harbor Department to target small business participation, including MBEs, WBEs, and DVBES, more effectively. It is the intent of the Harbor Department to make it easier for small businesses to participate in contracts by providing education and assistance on how to do business with the City, and ensuring that payments to small businesses are processed in a timely manner. **In order to ensure the highest participation of SBE/VSBE/MBE/WBE/DVBES, all proposers shall utilize the City's contracts management and opportunities database, the Los Angeles Business Assistance Virtual Network (LABAVN), at <http://www.labavn.org>, to outreach to potential subcontractors.**

The Harbor Department defines a SBE as an independently owned and operated business that is not dominant in its field and meets criteria set forth by the Small Business Administration in Title 13, Code of Federal Regulations, Part 121. Go to www.sba.gov for more information. The Harbor Department defines a VSBE based on the State of California's Micro-business definition which is 1) a small business that has average annual gross receipts of \$3,500,000 or less within the previous three years, or (2) a small business manufacturer with 25 or fewer employees.

The SBE Program is a results-oriented program, requiring consultants who receive contracts from the Harbor Department to perform outreach and utilize certified small businesses. **Based on the work to be performed, it has been determined that the percentage of small business participation will be __%, including __% VSBE participation.** The North American Industry Classification System (NAICS) Code for the scope of services is _____. This NAICS Code is the industry code that corresponds to at least 51% of the scope of services and will be used to determine the size standard for SBE participation of the Prime Consultant. The maximum SBE size standard for this NAICS Code is \$_ million.

Consultant shall be responsible for determining the SBE status of its subconsultants for purposes of meeting the small business requirement. Subconsultants must qualify as an SBE based on the type of services that they will be performing under the Agreement. All business participation will be determined by the percentage of the total amount of compensation under the agreement paid to SBEs. The Consultant shall not substitute an SBE firm without obtaining prior approval of the City. A request for substitution must be based upon demonstrated good cause. If substitution is permitted, Consultant shall endeavor to make an in-kind substitution for the substituted SBE.

(2) LOCAL BUSINESS PREFERENCE PROGRAM:

The Harbor Department is committed to maximizing opportunities for local and regional businesses, as well as encouraging local and regional businesses to locate and operate within the Southern California region. It is the policy of the Harbor Department to support an increase in local and regional jobs. The Harbor Department's Local Business Preference Program (LBPP) aims to benefit the Southern California region by increasing jobs and expenditures within the local and regional private sector.

The Harbor Department defines a LBE as: **EXHIBIT J**

- (a) A business headquartered within Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties; or
- (b) A business that has at least 50 full-time employees, or 25 full-time employees for specialty marine contracting firms, working in Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties.

In order for Harbor Department staff to determine the appropriate LBE preference, Consultant shall complete, sign, notarize (where applicable) and submit the attached Affidavit and Contractor Description Form. The Affidavit and Contractor Description Form will signify the LBE status of the Consultant and subconsultants. Prior to contract award, the Harbor Department will verify the status of all LBEs.

Consultant shall complete, sign, notarize (where applicable) and submit as part of the executed agreement the attached Affidavit and Contractor Description Form. The Contractor Description Form, when signed, will signify the Consultant's intent to comply with the SBE and LBPP requirements. Prior to contract award, the Harbor Department will verify the status of all SBEs. In addition, prior to being awarded a contract with the Harbor Department, all contractors and subcontractors must be registered on LABAVN.

In the event of Consultant's noncompliance during the performance of the Agreement, Consultant shall be considered in material breach of contract. In addition to any other remedy available to City under this Agreement or by operation of law, the City may withhold invoice payments to Consultant until noncompliance is corrected, and assess the costs of City's audit of books and records of Consultant and its subconsultants. In the event the Consultant falsifies or misrepresents information contained in any form or other willful noncompliance as determined by City, City may disqualify the Consultant from participation in City contracts for a period of up to five (5) years.

EXHIBIT J

AFFIDAVIT OF COMPANY STATUS

"The undersigned declares under penalty of perjury pursuant to the laws of the State of California that the following information and information contained on **the attached Consultant Description Form** is true and correct and includes all material information necessary to identify and explain the operations of

D R Consultants & Designers, Inc.

Name of Firm

as well as the ownership and location thereof. Further, the undersigned agrees to provide complete and accurate information regarding ownership in the named firm, and all of its domestic and foreign affiliates, any proposed changes of the ownership and to permit the audit and examination of firm ownership documents, and the ownership documents of all of its domestic and foreign affiliates, in association with this agreement."

(1) **Small/Very Small Business Enterprise Program:** Please indicate the ownership of your company. Please check all that apply. At least one box must be checked:

☒ SBE ☐ VSBE ☒ MBE ☒ WBE ☐ DVBE ☐ OBE

- A Small Business Enterprise (SBE) is an independently owned and operated business that is not dominant in its field and meets criteria set forth by the Small Business Administration in Title 13, Code of Federal Regulations, Part 121.
- A Very Small Business Enterprise (VSBE) is 1) a small business that has average annual gross receipts of \$5,000,000 or less within the previous three years, or (2) a small business manufacturer with 25 or fewer employees.
- A Minority Business Enterprise (MBE) is defined as a business in which a minority owns and controls at least 51% of the business. A Woman Business (WBE) is defined as a business in which a woman owns and controls at least 51% of the business. For the purpose of this project, a minority includes:
 - (1) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin);
 - (2) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish Culture or origin, regardless of race);
 - (3) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, The Indian Subcontinent, or the Pacific Islands); and
 - (4) American Indian or Alaskan Native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).
- A Disabled Veteran Business Enterprise (DVBE) is defined as a business in which a disabled veteran owns at least 51% of the business, and the daily business operations are managed and controlled by one or more disabled veterans.
- An OBE (Other Business Enterprise) is any enterprise that is neither an SBE, VSBE, MBE, WBE, or DVBE.

EXHIBIT J

(2) **Local Business Preference Program:** Please indicate the Local Business Enterprise status of your company. Only one box must be checked:

☒ LBE ☐ Non-LBE

- A Local Business Enterprise (LBE) is: (a) a business headquartered within Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties; or (b) a business that has at least 50 full-time employees, or 25 full-time employees for specialty marine contracting firms, working in Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties. "Headquartered" shall mean that the business physically conducts and manages all of its operations from a location in the above-named counties.
- A Non-LBE is any business that does not meet the definition of a LBE.

Signature:  _____

Printed Name: **Wanda M Martinez** _____

Title: **Chief Executive Officer** _____

Date Signed: **4/8/2019** _____

EXHIBIT J

Consultant Description Form

PRIME CONSULTANT:

Contract Title: Port of Los Angeles, ON-CALL ENGINEERING SERVICES 2019

Business Name: D R Consultants & Designers, Inc. LABAVN ID#: 233

Award Total: \$ TBD

Owner's Ethnicity: Hispanic Gender F Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES NO (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 3.5 M

Address: 915 Wilshire Blvd, Suite 1725

City/State/Zip: Los Angeles, CA 90017

County: Los Angeles

Telephone: (213) 687 1130 FAX: (n/a)

Contact Person/Title: Wanda M Martinez

Email Address: Wanda@drdcdinc.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Anchor QEA, LLC LABAVN ID#: 61245

Award Total: (% or \$): TBD

Services to be provided: Independent Technical Review

Owner's Ethnicity: C Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES NO X (Check only one)

Primary NAICS Code: 541620 Average Three Year Gross Revenue: \$ 92 million

Address: 9700 Research Drive

City/State/Zip: Irvine, CA 92618

County: Orange

Telephone: (949) 347-2780 FAX: () N/A

Contact Person/Title: Steve Cappellino

Email Address: scappellino@anchorqea.co

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Arup North America, Ltd. LABAVN ID#: 24848

Award Total: (% or \$): TBD

Services to be provided: Mechanical Engineering, Electrical Engineering, Fire/Life Safety, Civil Engineering,
Geotechnical Engineering Security Consulting

Owner's Ethnicity: N/A Gender N/A Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 54133 Average Three Year Gross Revenue: \$

Address: 12777 W. Jefferson Blvd., Suite 100, Building D,

City/State/Zip: Los Angeles, CA 90066

County: Los Angeles

Telephone: (310) 578-4400 FAX: (310) 861-9029

Contact Person/Title: Anthony Kirby, Associate Principal

Email address: anthony.kirby@arup.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: BergerABAM LABAVN ID#: 49653

Award Total: (% or \$): _____

Services to be provided: Civil and Structural Engineering, Condition Assessments, Terminal Planning

Owner's Ethnicity: n/a Gender n/a Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES _____ NO X (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 33.5 Million per year

Address: 33301 Ninth Avenue South, Suite 300

City/State/Zip: Federal Way, WA 98003

County: King

Telephone: (206) 431-2362 FAX: (206) 431-2250

Contact Person/Title: Joseph A. Stockwell, PE

Email address: joe.stockwell@abam.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: CallisonRTKL Inc. LABAVN ID#: 35915

Award Total: (% or \$):

Services to be provided: Environmental Graphic Design, Branding

Owner's Ethnicity: White Gender M Group: (OBE)

Local Business Enterprise: YES ☒ NO ☐ (Check only one)

Primary NAICS Code: 22322 Average Three Year Gross Revenue: \$ 354.7 million

Address: 333 S Hope Street

City/State/Zip: Los Angeles, CA 90071

County: Los Angeles

Telephone: (213) 633 1100 FAX: (213) 633 6060

Contact Person/Title: Katie Sprague, Senior Vice President

Email address: katie.sprague@crtkl.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Coripro LABAVN ID#: _____

Award Total: (% or \$): TBD

Services to be provided: Corrosion control

Owner's Ethnicity: C Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES ☒ NO ☐ (Check only one)

Primary NAICS Code: _____ Average Three Year Gross Revenue: \$ 180 million

Address: 10260 Western Place

City/State/Zip: San Jose Springs, CA 90670

County: Los Angeles

Telephone: (562) 944-1636 FAX: (562) 946-5634

Contact Person/Title: Mike Prosperi, Project Coordinator

Email address: mprosperi@apsgroup.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Earth Mechanics, Inc. LABAVN ID#: 285

Award Total: (% or \$): TBD

Services to be provided: Geotechnical/earthquake engineering and laboratory services

Owner's Ethnicity: Asian Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO _____ (Check only one)

Primary NAICS Code: 541330/541380 Average Three Year Gross Revenue: \$ 8.3M

Address: 17800 Newhope St, Ste B

City/State/Zip: Fountain Valley, CA 92708

County: Orange

Telephone: (714) 751-3826 FAX: (714) 751-3928

Contact Person/Title: Kandiah 'Arul' Arulmoli, PhD, PE, GE

Email address: arulmoli@earthmech.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: FPL and Associates, Inc. LABAVN ID#: 696

Award Total: (% or \$): TBD

Services to be provided: Traffic and Transportation Engineering Services

Owner's Ethnicity: Asian Gender M Group: (SBE) (VSBE) (MBE) WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 541330, 541340 Average Three Year Gross Revenue: \$ 4,251,577

Address: 30 Corporate Park, Suite 401

City/State/Zip: Irvine, CA 92606

County: Orange County

Telephone: (949) 252-1688 FAX: (949) 252-0088

Contact Person/Title: Fong-Ping Lee, President

Email Address: fplee@fplandassociates.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: GEI Consultants, Inc. LABAVN ID#: 33209

Award Total: (% or \$): _____

Services to be provided: Seismic Retrofit, Non-Destructive Investigation & Testing

Owner's Ethnicity: Multiple Gender: N/A Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES ☒ NO _____ (Check only one)

Primary NAICS Code: 54133 Average Three Year Gross Revenue: \$ _____

Address: 99 S. Lake Ave., Suite 300

City/State/Zip: Pasadena, CA 91101

County: Los Angeles

Telephone: (818) 552-6400 FAX: (818) 552-6401

Contact Person/Title: Marc J. Rozman, Vice President

Email address: mrozman@geiconsultants.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: GEOVision Inc. LABAVN ID#: 43335

Award Total: (% or \$):

Services to be provided: Geophysical services, including utility locating and mapping

Owner's Ethnicity: Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES NO X (Check only one)

Primary NAICS Code: 541360 Average Three Year Gross Revenue: \$ 3,317,034

Address: 1124 Olympic Dr.

City/State/Zip: Corona, CA 92881

County: Riverside, CA

Telephone: (951) 549-1234 FAX: () 549-1236

Contact Person/Title: President

Email address: jdiehl@geovision.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Bevan Jones LABAVN ID#: 78084

Award Total: (% or \$): TBD

Services to be provided: Fire and Life Safety Engineering

Owner's Ethnicity: Varies Gender: Male Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES _____ NO X (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 1.546 Million

Address: 523 W 6th Street, #1122

City/State/Zip: Los Angeles, CA 90014

County: Los Angeles County

Telephone: (213) 481-5630 FAX: () _____

Contact Person/Title: Bevan Jones

Email address: bevan.jones@holmesfire.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Integrated Engineering Management (IEM) LABAVN ID#: 4786

Award Total: (% or \$): TBD

Services to be provided: Cost Estimating and Scheduling

Owner's Ethnicity: Caucasian Gender Female Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO _____ (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 3.5M

Address: 302 W. 5th Street, Suite 207

City/State/Zip: San Pedro, CA 90731

County: Los Angeles

Telephone: (310) 221-0749 FAX: (310) 221-0859

Contact Person/Title: Behjat Zanjani, President

Email address: bzanjani@iemcm.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Mott MacDonald, LLC LABAVN ID#: 20339

Award Total: (% or \$): TBD

Services to be provided: General Engineering Consulting Services

Owner's Ethnicity: N/A Gender N/A Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES _____ NO X (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 448 M

Address: 1000 Wilshire Boulevard, Suite 400

City/State/Zip: Los Angeles, CA 90017

County: Los Angeles

Telephone: (818) 506-8088 FAX: () N/A

Contact Person/Title: Daniel Tempelis, PE, Senior Vice President/Southwest Division Manager

Email address: Daniel.Tempelis@mottmac.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Noble Consultants - G.E.C., Inc. LABAVN ID#: N/A

Award Total: (% or \$):

Services to be provided: Coastal Engineering

Owner's Ethnicity: Gender Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES x NO (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 6,000,000

Address: 2201 Dupont Drive, Ste 830

City/State/Zip: Irvine

County: USA

Telephone: (949) 752-1530 FAX: (949) 752-8381

Contact Person/Title: Ronald M. Noble / President

Email address: rnoble@nobleconsultants.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Owen Group LABAVN ID#: 3472

Limited Parternsip

Award Total: (% or \$): \$0

Services to be provided: Consultant - Architectural & Engineering Design

Owner's Ethnicity: White Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: N/A Average Three Year Gross Revenue: \$ 6 Billion

Address: 811 Wilshire Blvd., Ste. 1050

City/State/Zip: Los Angeles, CA 90017

County: Los Angeles

Telephone: (949) 860-4800 FAX: (949) 860-4810

Contact Person/Title: Michael Chegini

Email address: mchegini@owengroup.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: P2S Inc. LABAVN ID#: 3805

Award Total: (% or \$): TBD

Services to be provided: Mechanical, Electrical & Plumbing Engineering Design

Owner's Ethnicity: White Gender Male Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES _____ NO X (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 29,813,158

Address: 5000 E. Spring Street, Suite 800

City/State/Zip: Long Beach CA 90815

County: Los Angeles

Telephone: (562) 497.2999 FAX: (562) 497.2990

Contact Person/Title: Mike Shen, Associate Principal

Email address: mike.shen@p2sinc.com

EXHIBIT J

SUBCONSULTANT:

Business Name: Pacific Railway Enterprises, Inc. LABAVN ID# 55736

Award Total (% or \$): TBD %

Services to be provided: Railroad Signal and Communications Systems Design and Engineering Services

Owner's Ethnicity: Caucasian Gender: F Group: SBE VSBE MBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES NO X (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue \$6,336,097

Address: 3560 University Avenue, Suite F,

City/State/Zip: Riverside, CA 92501

County: Riverside

Telephone: (951) 784-4630 FAX: () N/A

Contact Person/Title: Jennifer A. Purcell, PE, President / CEO

Email Address: japurcell@pacrail.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: PMA Consultants LLC LABAVN ID#: 22503

Award Total: (% or \$): TBD

Services to be provided: Project Controls (Cost/Schedule)

Owner's Ethnicity: Hispanic Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES NO x (Check only one)

Primary NAICS Code: 541611 Average Three Year Gross Revenue: \$40 Million

Address: 200 Pine Ave, Suite 502

City/State/Zip: Long Beach, CA

County: Los Angeles

Telephone: (562) 637-7966 FAX: ()

Contact Person/Title: Dina Keirouz, Managing Director

Email address: dkeirouz@pmaconsultants.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Psomas LABAVN ID#: _____

Award Total: (% or \$): _____

Services to be provided: Survey and Subsurface Utility Engineering

Owner's Ethnicity: ESPO Gender _____ Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO _____ (Check only one)

Primary NAICS Code: 541370 Average Three Year Gross Revenue: \$ 80 million

Address: 3 Hutton Centre Drive, Suite 200

City/State/Zip: Santa Ana, CA 92707

County: Orange

Telephone: (714) 751-7373 FAX: (714) 545-8883

Contact Person/Title: David Moritz, PLS / Vice President

Email address: dmoritz@psomas.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Sea Engineering, Inc. LABAVN ID#: 56472

Award Total: (% or \$): TBD

Services to be provided: Underwater Inspection and Diving Services

Owner's Ethnicity: N/A Gender N/A Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES NO (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 17M

Address: (Branch Office) 200 Washington Street, Suite 107

City/State/Zip: Santa Cruz, CA 95060

County: Santa Cruz

Telephone: (831) 421-0871 FAX: (831) 421-0875

Contact Person/Title: Paul Roberts, PE / West Coast Area Manager

Email address: proberts@seaengineering.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Stantec Consulting Services Inc LABAVN ID#: 3632

Award Total: (% or \$): TBD

Services to be provided: Multidisciplinary planning, engineering, and construction support services

Owner's Ethnicity: N/A Gender N/A Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ \$2.9 billion

Address: 523 W. 6th Street,

City/State/Zip: Los Angeles, CA 90014

County: Los Angeles

Telephone: (213) 955-9775 FAX: ()

Contact Person/Title: Paul Ryan, PE

Email address: paul.ryan@stantec.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: MLA Green Inc., dba Studio-MLA LABAVN ID#: 7097

Award Total: (% or \$): _____

Services to be provided: Landscape Architecture and Planning

Owner's Ethnicity: Hispanic Gender Female Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO _____ (Check only one)

Primary NAICS Code: 541320 Average Three Year Gross Revenue: \$ 20 Million

Address: 251 S Mission Rd.

City/State/Zip: Los Angeles, CA 90033

County: Los Angeles

Telephone: (213) 384-3844 FAX: (213) 384-3833

Contact Person/Title: Jan Dyer, Principal

Email address: jan@studio-mla.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: SWA Group, Inc. LABAVN ID#: 19263

Award Total: (% or \$): N/A

Services to be provided: _____

Owner's Ethnicity: _____ Gender _____ Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES _____ NO X (Check only one)

Primary NAICS Code: 541320 Average Three Year Gross Revenue: \$ 43 Million

Address: 811 W 7th Street, 8th Floor

City/State/Zip: Los Angeles, CA 90017

County: Los Angeles County

Telephone: (213) 236-9090 FAX: () _____

Contact Person/Title: Gerdo Aquino / CEO & Principal

Email address: gaquino@swagroup.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: TranSystems Corporation LABAVN ID#: 25622

Award Total: (% or \$): _____

Services to be provided: Engineering support: security, Caltrans RFA, rail/inter-modal,
environmental/planning

Owner's Ethnicity: N/A¹ Gender N/A¹ Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES _____ NO X (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$96,373,556

Address: 801 South Grand Avenue, Suite 210

City/State/Zip: Los Angeles, CA 90017

County: County

Telephone: (213) 406-2980 FAX: (858) 481-7427

Contact Person/Title: Eric S. Newman, PE, Project Manager/ Assistant V.P.

Email address: esnewman@transystems.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Value Management Strategies, Inc. LABAVN ID#: _____

Award Total: (% or \$): _____

Services to be provided: Value Analysis

Owner's Ethnicity: Caucasian Gender Male Group: SBE /SBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES _____ NO X (Check only one)

Primary NAICS Code: 541611 Average Three Year Gross Revenue: \$ \$8,107,939

Address: 100 E San Marcos Blvd, Suite 340

City/State/Zip: San Marcos, CA 92069

County: San Diego

Telephone: (760) 741-5518 FAX: (760) 741-5617

Contact Person/Title: Cheryl Kramer, Vice President of Operations

Email address: cheryl.kramer@vms-inc.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: WSP USA Inc. LABAVN ID#: 3998

Award Total: (% or \$): TBD

Services to be provided: Civil Engineering, Structural Engineering, Port Planning
MEP Buildings, Geotechnical Support, Marine/Coastal Engineering

Owner's Ethnicity: N/A Gender N/A Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES x NO (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 1,420,637,300

Address: 444 South Flower Street Suite 800

City/State/Zip: Los Angeles, CA 90071

County: Los Angeles

Telephone: (213) 362-9470 FAX: (213) 362-9480

Contact Person/Title: Victor Martinez, Vice President | Area Manager

Email address: victor.martinez@wsp.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Yunsoo Kim Design Inc. LABAVN ID#: 76186

Award Total: (% or \$): TBA

Services to be provided: Landscape architecture

Owner's Ethnicity: Asian Gender M Group: ☒ SBE ☒ VSBE ☒ MBE ☐ WBE ☐ DVBE ☐ OBE (Circle all that apply)

Local Business Enterprise: YES ☒ NO ☐ (Check only one)

Primary NAICS Code: _____ Average Three Year Gross Revenue: \$ _____

Address: 3000 W. 6th Street Suite 316

City/State/Zip: Los Angeles CA 90020

County: Los Angeles

Telephone: (213) 220-9699 FAX: () _____

Contact Person/Title: Yunsoo Kim, Principal

Email address: yunsoo@yunsookimdesign.com

EXHIBIT K

Sec. 10.8.2.1. Equal Benefits Ordinance.

Discrimination in the provision of employee benefits between employees with domestic partners and employees with spouses results in unequal pay for equal work. Los Angeles law prohibits entities doing business with the City from discriminating in employment practices based on marital status and/or sexual orientation. The City's departments and contracting agents are required to place in all City contracts a provision that the company choosing to do business with the City agrees to comply with the City's nondiscrimination laws.

It is the City's intent, through the contracting practices outlined in this Ordinance, to assure that those companies wanting to do business with the City will equalize the total compensation between similarly situated employees with spouses and with domestic partners. The provisions of this Ordinance are designed to ensure that the City's contractors will maintain a competitive advantage in recruiting and retaining capable employees, thereby improving the quality of the goods and services the City and its people receive, and ensuring protection of the City's property.

(c) Equal Benefits Requirements.

(1) No Awarding Authority of the City shall execute or amend any Contract with any Contractor that discriminates in the provision of Benefits between employees with spouses and employees with Domestic Partners, between spouses of employees and Domestic Partners of employees, and between dependents and family members of spouses and dependents and family members of Domestic Partners.

(2) A Contractor must permit access to, and upon request, must provide certified copies of all of its records pertaining to its Benefits policies and its employment policies and practices to the DAA, for the purpose of investigation or to ascertain compliance with the Equal Benefits Ordinance.

(3) A Contractor must post a copy of the following statement in conspicuous places at its place of business available to employees and applicants for employment: "During the performance of a Contract with the City of Los Angeles, the Contractor will provide equal benefits to its employees with spouses and its employees with domestic partners." The posted statement must also include a City contact telephone number which will be provided each Contractor when the Contract is executed.

(4) A Contractor must not set up or use its contracting entity for the purpose of evading the requirements imposed by the Equal Benefits Ordinance.

EXHIBIT K

(d) Other Options for Compliance. Provided that the Contractor does not discriminate in the provision of Benefits, a Contractor may also comply with the Equal Benefits Ordinance in the following ways:

(1) A Contractor may provide an employee with the Cash Equivalent only if the DAA determines that either:

a. The Contractor has made a reasonable, yet unsuccessful effort to provide Equal Benefits; or

b. Under the circumstances, it would be unreasonable to require the Contractor to provide Benefits to the Domestic Partner (or spouse, if applicable).

(2) Allow each employee to designate a legally domiciled member of the employee's household as being eligible for spousal equivalent Benefits.

(3) Provide Benefits neither to employees' spouses nor to employees' Domestic Partners.

(e) Applicability.

(1) Unless otherwise exempt, a Contractor is subject to and shall comply with all applicable provisions of the Equal Benefits Ordinance.

(2) The requirements of the Equal Benefits Ordinance shall apply to a Contractor's operations as follows:

a. A Contractor's operations located within the City limits, regardless of whether there are employees at those locations performing work on the Contract.

b. A Contractor's operations on real property located outside of the City limits if the property is owned by the City or the City has a right to occupy the property, and if the Contractor's presence at or on that property is connected to a Contract with the City.

c. The Contractor's employees located elsewhere in the United States but outside of the City limits if those employees are performing work on the City Contract.

(3) The requirements of the Equal Benefits Ordinance do not apply to collective bargaining agreements ("CBA") in effect prior to January 1, 2000. The Contractor must agree to propose to its union that the requirements of the Equal Benefits Ordinance be incorporated into its CBA upon amendment, extension, or other modification of a CBA occurring after January 1, 2000.

EXHIBIT K

(f) **Mandatory Contract Provisions Pertaining to Equal Benefits.**
Unless otherwise exempted, every Contract shall contain language that obligates the Contractor to comply with the applicable provisions of the Equal Benefits Ordinance. The language shall include provisions for the following:

(1) During the performance of the Contract, the Contractor certifies and represents that the Contractor will comply with the Equal Benefits Ordinance.

(2) The failure of the Contractor to comply with the Equal Benefits Ordinance will be deemed to be a material breach of the Contract by the Awarding Authority.

(3) If the Contractor fails to comply with the Equal Benefits Ordinance the Awarding Authority may cancel, terminate or suspend the Contract, in whole or in part, and all monies due or to become due under the Contract may be retained by the City. The City may also pursue any and all other remedies at law or in equity for any breach.

(4) Failure to comply with the Equal Benefits Ordinance may be used as evidence against the Contractor in actions taken pursuant to the provisions of Los Angeles Administrative Code Section 10.40, et seq., Contractor Responsibility Ordinance.

(5) If the DAA determines that a Contractor has set up or used its Contracting entity for the purpose of evading the intent of the Equal Benefits Ordinance, the Awarding Authority may terminate the Contract on behalf of the City. Violation of this provision may be used as evidence against the Contractor in actions taken pursuant to the provisions of Los Angeles Administrative Code Section 10.40, et seq., Contractor Responsibility Ordinance.

AGREEMENT NO.
BETWEEN THE CITY OF LOS ANGELES
AND
JACOBS ENGINEERING GROUP, INC.

THIS AGREEMENT ("Agreement") is made and entered into by and between the CITY OF LOS ANGELES, a municipal corporation ("City") acting by and through its Board of Harbor Commissioners ("Board"), and JACOBS ENGINEERING GROUP, INC., a Delaware corporation, whose address is 1000 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90017 (Consultant").

WHEREAS, City requires professional, scientific, expert or technical services of a temporary and occasional character, including as-needed services to support the City's Capital Improvement Program ("CIP") and Maintenance Improvement Program ("MIP") in connection with the project described in Exhibit "A" hereto ("Project"); and

WHEREAS, Consultant is an organization that provides services, including, but not limited to, those services required by the City and, by virtue of training and experience, is well-qualified to provide such services to the City; and

WHEREAS, by reason of the nature and length of the services required by City, it is not economical or feasible for City to have such services performed by its own employees;

NOW, THEREFORE, in consideration of the covenants, terms and conditions hereinafter contained to be kept and performed by the respective parties hereto, it is mutually agreed as follows:

1. Incorporation of Recitals.

1.1 The recitals to this Agreement above are incorporated herein and made a part hereof.

2. Services To Be Performed By Consultant.

2.1 All of the services Consultant shall perform for City are set forth in Exhibit "B" hereto and hereinafter shall be referred to as "Scope of Work." Among other things, Exhibit "B" breaks down the Scope of Work into individual tasks and, in some cases, further breaks down such tasks into subtasks, which hereinafter shall be referred to generically as "Tasks" and "Subtasks." The aggregate of all Tasks and, as applicable, Subtasks, comprises the Scope of Work.

2.2 Consultant's performance of Tasks and, as applicable, Subtasks shall occur as follows:

- a. The Chief Harbor Engineer of the Engineering Division of City's Harbor Department ("Engineer") shall issue a written document in the form

attached hereto as Exhibit "C" that has been signed by the Deputy Executive Director of Development for the City's Harbor Department and that specifies, without limitation: the Task or Subtask to be performed; the specific services required in connection with such Task or Subtask; the deliverables required in the performance of such Task or Subtask; the schedule for the performance of such Task or Subtask; authorized personnel who may perform the Task or Subtask; authorized compensation for such Task or Subtask; and MBE/WBE/SBE/VSBE/DVBE/OBE utilization ("Directive"). Directives shall specifically identify any services that fall within the meaning of "design professional services" as defined by Section 2782.8 of the California Civil Code to which the indemnity obligation set forth at Section 9.2 of this Agreement shall apply. A Directive's failure to identify such "design professional services" shall bar application of Section 9.2 to that Directive.

b. Consultant, to reflect its agreement with all the terms of such Directive, shall sign, date and return such Directive to Engineer.

c. Following Engineer's receipt of the Directive signed by Consultant, Engineer shall issue a written document in the form attached hereto as Exhibit "D" that has been signed by Engineer and that authorizes Consultant to commence performance of the services contemplated by such Directive ("Notice to Proceed").

2.3 Consultant acknowledges and agrees that it lacks authority to perform and that Engineer lacks authority to request the performance of any services outside the Scope of Work. Consultant further acknowledges and agrees that any services it performs outside the Scope of Work or a Directive, or in the absence of both a Directive and a Notice to Proceed, are performed as a volunteer and shall not be compensable under this Agreement.

2.4 The Scope of Work shall be performed by personnel qualified and competent in the sole reasonable discretion of Engineer, whether performance is undertaken by Consultant or third-parties with whom Consultant has contracted and whom are listed on Exhibit "J" on the effective date of this Agreement, or whom Engineer may subsequently approve in writing ("Subconsultants"). Obligations of this Agreement, whether undertaken by Consultant or Subconsultants, are and shall be the responsibility of Consultant. Consultant acknowledges and agrees that this Agreement creates no rights in Subconsultants with respect to City and that obligations that may be owed to Subconsultants, including, but not limited to, the obligation to pay Subconsultants for services performed, are those of Consultant alone. Upon Engineer's written request, Consultant shall supply City's Harbor Department with all agreements between it and its Subconsultants.

2.5 Consultant's performance of the Scope of Work shall adhere in all respects to the schedule set forth in a Directive.

2.6 Consultant, at its sole cost and expense, shall furnish all services, materials, equipment, subsistence, transportation and all other items necessary to perform the Scope of Work. As between City and Consultant, Consultant is solely responsible for any taxes or fees which may be assessed against it or its employees resulting from performance of the Scope of Work, whether social security, payroll or

other, and regardless of whether assessed by the federal government, any state, the City, or any other governmental entity. City shall pay applicable state or local fees necessary to obtain approval, plan checks, permits and variances for the Project.

2.7 Engineer shall resolve in his or her sole reasonable discretion any issues or questions which may arise during the term of this Agreement as to the quality or acceptability of Consultant's performance of the Scope of Work, the manner of performance, the interpretation of direction given to Consultant, the acceptable completion of a Directive, and the amount of compensation due. Upon written notice from Engineer, Consultant shall assign replacement personnel and/or shall remedy any deficient services or work product to Engineer's reasonable satisfaction and at Consultant's sole cost and expense. Compliance with the requirements of this Section 2.7 is a condition to payment by City of compensation to Consultant pursuant to this Agreement.

2.8 Consultant's representative responsible for administering this Agreement, Milind Desai, S.E., P.E. ("Project Manager"), shall not be changed without Engineer's written approval. Engineer may, for any reason in his or her sole reasonable discretion, require Consultant to substitute a new Project Manager. If City requests such a substitution, the substitute Project Manager shall expend whatever time and costs necessary to become familiar with the Project and any portions of the Scope of Work already performed at Consultant's sole cost and expense.

2.9 If the law requires Consultant, in performing the Scope of Work, to follow a different standard of care than the ordinary standard of care applied to a reasonable person, Consultant shall perform such services with the degree of diligence, skill, judgment, and care applicable to Consultant's profession ("professional standard"). Consultants not required to follow a professional standard shall exercise the degree of care required of ordinary persons.

2.10 For portions of the Scope of Work to be performed on a time and material basis, Consultant shall assign personnel, whether employees or Subconsultants, with the lowest applicable hourly rate who are fully competent to provide the services required. If Consultant finds it necessary to have any portion of the Scope of Work, which this Section 2.10 would require to be performed by personnel at a lower rate, to be performed by personnel at a higher rate, Consultant shall, nevertheless, invoice City at the lower rate.

2.11 Consultant shall promptly consider and implement, to the reasonable satisfaction of Engineer, any written comments of Engineer.

2.12 Consultant shall review information provided by City's Harbor Department, whether in the form of drawings, documents, and/or written or verbal comments, excluding survey data. Any such information reasonably believed by Consultant to be inaccurate, incomplete or inapplicable shall be brought promptly to the attention of Engineer in writing.

2.13 Consultant shall perform the Scope of Work as expeditiously as possible and at the time or times required by the Engineer. Time is of the essence in the performance of the Scope of Work. Consultant's failure to conform to any schedule set

forth in a Directive shall entitle City to have services completed by others, shall obligate Consultant to pay City's cost to undertake completion of such services, and shall authorize City to withhold such amounts from any payments otherwise due to Consultant. Consultant's failure to timely perform in accordance with the schedule set forth in a Directive shall result in economic losses to the City, including, but not limited to, the timely bidding and awarding of contracts, completion of the Project and the use of the Project by City's Harbor Department, its tenants and the public.

3. Services To Be Performed By City.

3.1 City's Harbor Department shall provide Consultant with available and/or necessary horizontal and vertical survey data in the form of field notes or electronic format as maintained by City's Harbor Department, access to public records, prints of existing aerial photos, existing planimetric maps, environmental documents, existing oceanographic studies and existing soil reports in the vicinity, previous specifications and other information which, in the sole reasonable discretion of Engineer, shall assist in completing the Scope of Work.

3.2 City's Harbor Department shall provide all necessary copies and prints of final plans, specifications and estimates for bid advertisement and construction.

3.3 City's Harbor Department shall provide survey, construction inspection, construction contract administration and soil compaction-testing services unless the Scope of Work provides otherwise.

3.4 Consultant shall provide Engineer with reasonable advance written notice if it requires access to the Project area or any other premises of City's Harbor Department. Subsequent access rights, if any, shall be granted to Consultant at the sole reasonable discretion of Engineer, specifying conditions Consultant must satisfy in connection with such access. Consultant acknowledges that the Project area may be occupied or used by tenants or contractors of City and that access rights granted by City's Harbor Department to Consultant shall be consistent with any such occupancy or use.

3.5 City shall not be obligated to provide information and/or services except as specified in this Agreement.

4. Effective Date and Term.

4.1 After approval by City in accordance with Section 245 of City's Charter, the effective date of this Agreement shall be the date of its execution by City's Harbor Department Executive Director ("Executive Director"). Consultant acknowledges that Section 245 of City's Charter furnishes to the City Council of City ("Council") the right to review this Agreement and that this Agreement shall not become effective until after the expiration of the fifth Council meeting day after approval of this Agreement by Board, or the date of Council's approval of the Agreement.

4.2 The term of this Agreement shall not exceed three (3) years, commencing on the Agreement's effective date. This Agreement shall be in full force and effect until:

a. Engineer determines that Consultant has completed the Scope of Work and provides Consultant written notice thereof; or

b. Board, in its sole discretion, terminates this Agreement, which termination shall become effective five (5) calendar days following Executive Director's transmittal of written notice advising Consultant of such action by Board. Upon receipt of such written notice, Consultant shall cease the performance of the Scope of Work. Consultant shall be entitled to compensation only for services actually performed prior to such termination. Engineer, in his or her sole reasonable discretion, shall determine the amount of services actually performed and shall allocate a portion of the total compensation due Consultant accordingly. If Board so terminates this Agreement, Consultant shall deliver all drawings, specifications, plans, reports, studies, calculations, estimates, documents and other work product produced pursuant to this Agreement to City in an organized, usable form with all items properly labeled to the degree of detail specified by the Engineer. No compensation shall be due Consultant until it complies with the requirements of this paragraph; or

c. Three (3) years have elapsed from the effective date of the Agreement.

4.3. Notwithstanding the foregoing, this Agreement is subject to the provisions of City's Charter which, among other things, precludes City from making any expenditure of funds or incurring any liability, including contractual commitments, in excess of the amount appropriated therefor. Board, in awarding this Agreement, is expected to appropriate sufficient funds to meet the estimated expenditure of funds through June 30 of the current fiscal year and to make further appropriations in each succeeding fiscal year during the life of the Agreement. However, Board is under no legal obligation to do so. City, its boards, officers, and employees are not bound by the terms of this Agreement or obligated to make payment thereunder in any fiscal year in which the Board does not appropriate funds therefor. Consultant is not entitled to any compensation in any fiscal year in which funds have not been appropriated for the Agreement by Board.

Although Consultant is not obligated to perform any services required by the Scope of Work in any fiscal year in which no appropriation for the Agreement has been made, Consultant shall resume performance of the Scope of Work on the same terms and conditions for a period of sixty (60) days after the end of the fiscal year if an appropriation therefor is approved by Board within that sixty (60)-day period. Consultant is responsible for maintaining all insurance and bonds during this sixty (60)-day period. The time for performance shall be extended during this period until the appropriation is made; however, such extension of time is not compensable.

If in any subsequent fiscal year funds are not appropriated by Board for this Agreement, this Agreement shall be terminated. However, such termination shall not

relieve the parties of liability for any obligation previously incurred.

5. Compensation.

5.1 For the full and satisfactory performance of the Scope of Work, City shall pay Consultant and Consultant shall accept a sum not to exceed Three Million Dollars (\$3,000,000) to be paid as specified in Exhibit "E." If Exhibit "E" allocates a specific amount to the performance of a Task or Subtask and if, following the completion of such Task or Subtask, unexpended sums remain in relation to such specific amount, Executive Director may, upon written notice to Consultant, allocate such unexpended sums to the performance of a subsequent Task or Subtask.

5.2 Compensation payable under this Agreement includes payment for all labor, travel, per diem, fringe benefits, general and administrative expenses, overhead, profit, materials, supplies, transportation, and all other direct and indirect costs and expenses incurred by Consultant ("Expenses"). As such, Consultant shall not be entitled to separate reimbursement of Expenses under this Agreement. No markups or premiums shall be applied to services performed by Subconsultants unless Exhibit "E" expressly so allows. Compensation payable under this Agreement shall be on a (1) fixed fee, (2) hourly, or (3) combined fixed fee and hourly basis in accordance with the terms below, as may be more particularly specified in Exhibit "E" and Exhibit "F."

a. Fixed Fee. Lump sum compensation for satisfactory performance of Tasks as may be identified as "Lump Sum" in Exhibit "E."

b. Hourly Fee. An amount equal to the product of the hours expended by Consultant and the applicable hourly rates set forth in Exhibit "F" for time actually spent in the performance of Tasks as may be identified as "Not-to-Exceed" in Exhibit "E." The rates identified in Exhibit "F" state the maximum rates Consultant shall charge under this Agreement. No premium rates, including, but not limited to, overtime or hazardous duty premiums, shall be charged.

5.3 If the term of this Agreement exceeds one (1) year and if Executive Director so consents in writing, Consultant may increase the rates set forth in Exhibit "F" after each twelve (12) months of service as long as such increases (a) are equal to or lower than the rates Consultant charges to other municipal or governmental entities and (b) represent an increase of no more than three percent (3%) over the rates charged during the prior twelve (12) month period. Such increases in rates, if any, shall not result in increases of the amount of total compensation payable under this Agreement set forth in Section 5.1. In the event of any such rate increase, Exhibit "F" shall be revised, replaced and renumbered as Exhibit "F-1," Exhibit "F-2," etc., as applicable.

5.4 Each month during the term of this Agreement, as a prerequisite to payment for services, Consultant shall submit a written invoice to City's Harbor Department for services performed during the prior month, accompanied by such records and receipts as may be specifically required in Exhibit "E." Each such invoice shall bear a City Business Tax Registration Number and a Taxpayer Identification

Number. Each invoice shall identify all services performed by Subconsultants. If payments are to be based on the performance of established milestones, Consultant shall bill as each milestone is completed, but not more often than once a month.

Consultant shall submit one (1) original and four (4) copies of each such invoice for payment in the format that contains the information specified in Exhibit "G" and that includes the following certification:

"I certify under penalty of perjury that the above bill is just and correct according to the terms of Agreement No. _____ and that payment has not been received. I further certify that I have complied with the provisions of the City's Living Wage Ordinance.

(signed)

5.5 Consultant shall submit supporting documents with each invoice as may be set forth in a Directive. Such documents may include, but are not limited to, provider invoices, payrolls, and time sheets.

5.6 If Consultant utilizes Subconsultants to perform aspects of the Scope of Work, Consultant shall submit to City, with each monthly invoice, a Monthly Subconsultant Monitoring Report in the form attached hereto as Exhibit "H." Consultant shall provide an explanation for any item that does not meet or exceed the participation levels required by a particular Directive, with specific plans and recommendations for improved subconsultant utilization. Invoices will not be paid without a completed Monthly Subconsultant Monitoring Report form. Consultant is not required to submit support for direct costs items of \$25 or less.

5.7 All sums due and payable to Consultant shall be paid as soon as, in the ordinary course of City business, the same may be reviewed and approved. City shall use all reasonable effort to pay said sums within sixty (60) days of receipt of each statement.

For payment and processing, all invoices shall be mailed to the following address:

Accounts Payable Section
Harbor Department, City of Los Angeles
P.O. Box 191
San Pedro, CA 90733-0191

6. Recordkeeping and Audit Rights.

6.1 Consultant shall keep and maintain full, complete and accurate books of accounts and records of the services performed under this Agreement in accordance with generally accepted accounting principles consistently applied, which books and records shall be readily accessible to and open for inspection and copying at the

premises by City, its auditors or other authorized representatives. Notwithstanding any other provision of this Agreement, failure to do so shall constitute a conclusive waiver of any right to compensation for such services as are otherwise compensable hereunder. Such books and records shall be maintained by Consultant for a period of three (3) years after completion of services to be performed under this Agreement or until all disputes, appeals, litigation or claims arising from this Agreement have been resolved.

6.2 During the term of this Agreement, City may audit, review and copy any and all writings (as that term is defined in Section 250 of the California Evidence Code) of Consultant and Subconsultants arising from or related to this Agreement or performance of the Scope of Work, whether such writings are (a) in final form or not, (b) prepared by Consultant, Subconsultants or any individual or entity acting for or on behalf of Consultant or a Subconsultant, and (c) without regard to whether such writings have previously been provided to City. Consultant shall be responsible for obtaining access to and providing writings of Subconsultants. Consultant shall provide City at Consultant's sole cost and expense a copy of all such writings within fourteen (14) calendar days of a written request by City. City's right shall also include inspection at reasonable times of the Consultant's office or facilities which are engaged in the performance of the Scope of Work. Consultant shall, at no cost to City, furnish reasonable facilities and assistance for such review and audit. Consultant's failure to comply with this Section 6.2 shall constitute a material breach of this Agreement and shall entitle City to withhold any payment due under this Agreement until such breach is cured.

7. Consultant Is An Independent Contractor.

Consultant, in the performance of the Scope of Work, is an independent contractor and not an agent or employee of City. Consultant shall not represent itself as an agent or employee of the City and shall have no power to bind the City in contract or otherwise.

8. Business Tax Registration Certificate.

City's Office of Finance requires the implementation and enforcement of Los Angeles Municipal Code Section 21.09 et seq. This section provides that every person, other than a municipal employee, who engages in any business within City, is required to obtain the necessary Business Tax Registration Certificate and pay business taxes. The City Controller has determined that this Code Section applies to consulting firms that are doing work for City's Harbor Department. See <https://finance.lacity.org/how-register-btrc>.

9. Indemnification.

9.1 Indemnification

Except for the sole negligence or willful misconduct of the City, or any of its Boards, Officers, Agents, Employees, Assigns and Successors in Interest, Consultant undertakes and agrees to defend, indemnify and hold harmless the City and any of its

Boards, Officers, Agents, Employees, Assigns, and Successors in Interest from and against all suits and causes of action, claims, losses, demands and expenses, including, but not limited to, attorney's fees (both in house and outside counsel) and cost of litigation (including all actual litigation costs incurred by the City, including but not limited to, costs of experts and consultants), damages or liability of any nature whatsoever, for death or injury to any person, including Consultant's employees and agents, or damage or destruction of any property of either party hereto or of third parties, arising in any manner by reason of the negligent acts, errors, omissions or willful misconduct incident to the performance of this Agreement by Consultant or its subcontractors of any tier. Rights and remedies available to the City under this provision are cumulative of those provided for elsewhere in this Agreement and those allowed under the laws of the United States, the State of California, and the City.

9.2 Indemnification for Design Professional Services

To the fullest extent permitted by law (including without limitation, Section 2782.8 of the California Civil Code), when the services to be provided under this Agreement are design professional services to be performed by a design professional, as that term is defined under said Section 2782.8, Consultant shall indemnify, protect, defend and hold harmless City and any and all of its boards, officers, agents, or employees from and against all claims, charges, demands, costs, expenses (including counsel fees), judgments, civil fines and penalties, liabilities or losses of any kind or nature whatsoever which may be sustained or suffered by or secured against the City, its boards, officers, agents, and/or employees that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of Consultant, or the acts or omissions of an officer, employee, agent or Subconsultant, excepting only liability resulting from the negligence or willful misconduct of City.

10. Insurance.

10.1 Insurance procured by Consultant on Behalf of Consultant

In addition to and not as a substitute for, or limitation of, any of the indemnity obligations imposed by Section 9, Consultant shall procure and maintain at its sole cost and expense and keep in force at all times during the term of this Agreement the following insurance:

(a) Commercial General Liability Insurance

Commercial general liability insurance covering personal and advertising injury, bodily injury, and property damage providing contractual liability, independent contractors, products and completed operations, and premises/operations coverage written by an insurance company authorized to do business in the State of California rated VII, A- or better in Best's Insurance Guide (or an alternate guide acceptable to City if Best's is not available) within Consultant's normal limits of liability but not less than One Million Dollars (\$1,000,000) combined single limit for injury or claim. Said limits shall provide first dollar coverage except that Executive Director may permit a self-insured retention or self-insurance in those cases where, in his or her judgment, such

retention or self-insurance is justified by the net worth of Consultant. The retention or self-insurance provided shall provide that any other insurance maintained by the Harbor Department shall be excess of Consultant's insurance and shall not contribute to it. In all cases, regardless of any deductible or retention, said insurance shall contain a defense of suits provision and a severability of interest clause. Each policy shall name the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds.

(b) Automobile Liability Insurance

Automobile liability insurance written by an insurance company authorized to do business in the State of California rated VII, A- or better in Best's Insurance Guide (or an alternate guide acceptable to City if Best's is not available) within Consultant's normal limits of liability but not less than One Million Dollars (\$1,000,000) covering damages, injuries or death resulting from each accident or claim arising out of any one claim or accident. Said insurance shall protect against claims arising from actions or operations of the insured, or by its employees. Coverage shall contain a defense of suits provision and a severability of interest clause. Each policy shall name the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds.

(c) Workers' Compensation and Employer's Liability

Consultant shall certify that it is aware of the provisions of Section 3700 of the California Labor code which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and that Consultant shall comply with such provisions before commencing the performance of the tasks under this Agreement. Coverage for claims under U.S. Longshore and Harbor Workers' Compensation Act, if required under applicable law, shall be included. Consultant shall submit Workers' Compensation policies whether underwritten by the state insurance fund or private carrier, which provide that the public or private carrier waives its right of subrogation against the City in any circumstance in which it is alleged that actions or omissions of the City contributed to the accident. Such Worker's Compensation and occupational disease requirements shall include coverage for all employees of Consultant, and for all employees of any subcontractor or other vendor retained by Consultant.

(d) Professional Liability Insurance

Consultant is required to provide Professional Liability insurance with respect to negligent or wrongful acts, errors or omissions, or failure to render services in connection with the professional services to be provided under this Agreement. This insurance shall protect against claims arising from professional services of the insured, or by its employees, agents, or contractors, and include coverage (or no exclusion) for contractual liability.

Consultant certifies that it now has professional liability insurance in the amount of Five Million Dollars (\$5,000,000), which covers work to be performed pursuant to this Agreement and that it will keep such insurance or its equivalent in effect at all times

during performance of said Agreement and until two (2) years following acceptance of the completed project by Board.

10.2 Insurance Procured by Consultant on Behalf of City

In addition to and not as a substitute for, or limitation of, any of the indemnity obligations imposed by Section 9, and where Consultant is required to name the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds on any insurance policy required by this Agreement, Consultant shall cause City to be named as an additional insured on all policies it procures in connection with this Section 10. Consultant shall cause such additional insured status to be reflected in the original policy or by additional insured endorsement (CG 2010 or equivalent) substantially as follows:

"Notwithstanding any inconsistent statement in the policy to which this endorsement is attached, or any endorsement or certificate now or hereafter attached hereto, it is agreed that City, Board, their officers, agents and employees, are additional insureds hereunder, and that coverage is provided for all contractual obligations, operations, uses, occupations, acts and activities of the insured under Agreement No. ____, and under any amendments, modifications, extensions or renewals of said Agreement regardless of where such contractual obligations, operations, uses, occupations, acts and activities occur.

"The policy to which this endorsement is attached shall provide a 10-days notice of cancellation for nonpayment of premium, and a 30-days notice of cancellation for any other reasons to the Risk Manager.

"The coverage provided by the policy to which this endorsement is attached is primary coverage and any other insurance carried by City is excess coverage;

"In the event of one of the named insured's incurring liability to any other of the named insureds, this policy shall provide protection for each named insured against whom claim is or may be made, including claims by other named insureds, in the same manner as if separate policies had been issued to each named insured. Nothing contained herein shall operate to increase the company's limit of liability; and

"Notice of occurrences or claims under the policy shall be made to the Risk Manager of City's Harbor Department with copies to the City Attorney's Office."

10.3 Required Features of Coverages

Insurance procured by Consultant in connection with this Section 10 shall include the following features:

(a) Acceptable Evidence and Approval of Insurance

Electronic submission is the required method of submitting Consultant's insurance documents. Consultant's insurance broker or agent shall register with the City's online insurance compliance system **KwikComply** at <https://kwikcomply.org/> and

submit the appropriate proof of insurance on Consultant's behalf.

Upon request by City, Consultant shall furnish a copy of the binder of insurance and/or a full certified policy for any insurance policy required herein. This obligation is intended to, and shall, survive the expiration or earlier termination of this Agreement.

(b) Carrier Requirements

All insurance which Consultant is required to provide pursuant to this Agreement shall be placed with insurance carriers authorized to do business in the State of California and which are rated A-, VII or better in Best's Insurance Guide. Carriers without a Best's rating shall meet comparable standards in another rating service acceptable to City.

(c) Notice of Cancellation

For each insurance policy described above, Consultant shall give a 10-day prior notice of cancellation or reduction in coverage for nonpayment of premium, and a 30-day prior notice of cancellation or reduction in coverage for any other reason, by written notice via registered mail and addressed to the City of Los Angeles Harbor Department, Attn: Risk Manager and the City Attorney's Office, 425 S. Palos Verdes Street, San Pedro, California 90731.

(d) Modification of Coverage

Executive Director, at his or her sole reasonable discretion, based upon recommendation of independent insurance consultants to City, may increase or decrease amounts and types of insurance coverage required hereunder at any time during the term hereof by giving ninety (90) days' prior written notice to Consultant.

(e) Renewal of Policies

At least thirty (30) days prior to the expiration of any policy required by this Agreement, Consultant shall renew or extend such policy in accordance with the requirements of this Agreement and direct their insurance broker or agent to submit to the City's online insurance compliance system **KwikComply** at <https://kwikcomply.org/> a renewal endorsement or renewal certificate or, if new insurance has been obtained, evidence of insurance as specified above. If Consultant neglects or fails to secure or maintain the insurance required above, Executive Director may, at his or her own option but without any obligation, obtain such insurance to protect City's interests. The cost of such insurance shall be deducted from the next payment due Consultant.

10.4 Right to Self-Insure

Upon written approval by the Executive Director, Consultant may self-insure if the following conditions are met:

1. Consultant has a formal self-insurance program in place prior to execution of this Agreement. If a corporation, Consultant must

have a formal resolution of its board of directors authorizing self-insurance.

2. Consultant agrees to protect the City, its boards, officers, agents and employees at the same level as would be provided by full insurance with respect to types of coverage and minimum limits of liability required by this Agreement.
3. Consultant agrees to defend the City, its boards, officers, agents and employees in any lawsuit that would otherwise be defended by an insurance carrier.
4. Consultant agrees that any insurance carried by Department is excess of Consultant's self-insurance and will not contribute to it.
5. Consultant provides the name and address of its claims administrator.
6. Consultant submits its most recently filed 10-Q and its 10-K or audited annual financial statements for the three most recent fiscal years prior to Executive Director's consideration of approval of self-insurance and annually thereafter.
7. Consultant agrees to inform Department in writing immediately of any change in its status or policy which would materially affect the protection afforded Department by this self-insurance.
8. Consultant has complied with all laws pertaining to self-insurance.

10.5 Accident Reports

Consultant shall report in writing to Executive Director within fifteen (15) calendar days after it, its officers or managing agents have knowledge of any accident or occurrence involving death of or injury to any person or persons, or damage in excess of Five Hundred Dollars (\$500.00) to property, occurring upon the premises, or elsewhere within the Port of Los Angeles if Consultant's officers, agents or employees are involved in such an accident or occurrence. Such report shall contain to the extent available (1) the name and address of the persons involved, (2) a general statement as to the nature and extent of injury or damage, (3) the date and hour of occurrence, (4) the names and addresses of known witnesses, and (5) such other information as may be known to Consultant, its officers or managing agents.

11. Personal Services Agreement.

11.1 During the term of this Agreement, Consultant agrees that it will not enter into other contracts or perform any work without the written permission of the Executive Director where the work may conflict with the interests of City's Harbor Department.

11.2 Consultant acknowledges that it has been selected to perform the Scope of Work because of its experience, qualifications and expertise. Any assignment or other

transfer of this Agreement or any part hereof shall be void provided, however, that Consultant may permit Subconsultant(s) to perform portions of the Scope of Work in accordance with Section 2.3. All Subconsultants whom Consultant utilizes, however, shall be deemed to be its agents. Subconsultants' performance of the Scope of Work shall not be deemed to release Consultant from its obligations under this Agreement or to impose any obligation on the City to such Subconsultant(s) or give the Subconsultant(s) any rights against the City.

12. Confidentiality.

Consultant shall not disclose any proprietary or confidential information of City to any third party or parties during or after the term of this Agreement without the prior written consent of City. The data, documents, reports, or other materials which contain information relating to the review, documentation, analysis and evaluation of the Scope of Work and any recommendations made by Consultant relative thereto shall be considered confidential and shall not be reproduced, altered, used or disseminated by Consultant or its employees or agents in any manner except and only to the extent necessary in the performance of the work under this Agreement. In addition, Consultant is required to safeguard such information from access by unauthorized personnel.

13. Affirmative Action.

Consultant shall not discriminate in its employment practices against any employee or applicant for employment because of employee's or applicant's race, religion, national origin, ancestry, sex, age, sexual orientation, disability, marital status, domestic partner status, or medical condition. The provisions of Section 10.8.4 of the Los Angeles Administrative Code are incorporated herein by this reference and made a part of this Agreement. All subcontracts awarded shall contain a like nondiscrimination provision. See Exhibit "I."

14. Small/Very Small Business Enterprise Program and Local Business Preference Program.

It is the policy of City's Harbor Department to provide Small Business Enterprises (SBE), Very Small Business Enterprises (VSBE) and Minority-Owned, Women-Owned, Disabled Veteran Business Enterprises, and all Other Business Enterprises (MBE/WBE/DVBE/OBE) an equal opportunity to participate in the performance of all City contracts in all areas where such contracts afford such participation opportunities. Consultant shall assist City's Harbor Department in implementing this policy and shall use its best efforts to afford the opportunity for SBEs, VSBEs, MBEs, WBEs, DVBEs, and OBEs to achieve participation in subcontracts where such participation opportunities present themselves and attempt to ensure that all available business enterprises, including SBEs, VSBEs, MBEs, WBEs, DVBEs, and OBEs, have equal participation opportunities which might be presented under this Agreement. See Exhibit "J."

It is also the policy of the Department to support an increase in local and regional jobs. The Department's Local Business Preference Program aims to benefit the Southern California region by increasing jobs and expenditures within the local and regional private sector. Consultant shall assist the City in implementing this policy and shall use its best efforts to afford the opportunity for Local Business Enterprises to

achieve participation in subcontracts where such participation opportunities present themselves.

NOTE: Prior to being awarded a contract with the City, Consultant and all Subconsultants must be registered on the City's Contracts Management and Opportunities Database, Los Angeles Business Assistance Virtual Network (LABAVN), at <http://www.labavn.org>.

15. Conflict of Interest.

Consultant has reviewed and understands the provisions of Section 1090 et seq. and Section 87100 et seq. of the California Government Code relating to conflict of interest of public officers and employees, as well as the Los Angeles Municipal Code ("LAMC") Municipal Ethics and Conflict of Interest provisions of Section 49.5.1 et seq. and the Conflict of Interest Codes of the City and City's Harbor Department. All parties hereto agree that they are unaware of any financial or economic interest of any public officer or employee of City relating to this Agreement. Notwithstanding any other provision of this Agreement, it is further understood and agreed that if such financial interest does exist at the inception of this Agreement, City may immediately terminate this Agreement by giving written notice thereof. Consultant's signature of this Agreement constitutes its affirmation that any former employees of City or City's Harbor Department that are employed by Consultant and that assist in performing the Scope of Work shall be free of any conflicts of interest with respect to City and City's Harbor Department.

During the term of this Agreement, Consultant shall inform the Department in writing when Consultant, or any of its Subconsultants, employs or hires in any capacity, and for any length of time, a person who has worked for the Department as a Commissioner, officer or employee. Said notice shall include the individual's name and current position and their prior position and years of employment with the Department. Written notice shall be provided by Consultant to the Department within thirty (30) days of the employment or hiring of the individual.

16. Compliance with Applicable Laws.

Consultant's activities under this Agreement, including its performance of the Scope of Work, shall comply with all federal, state, municipal, local and departmental laws, ordinances, rules, regulations, and orders. If in any instance a City standard is more stringent than a state, federal or other requirement, the City standard shall be followed unless the Engineer notifies the Consultant otherwise in writing, in which case the requirements of said notification shall apply.

17. Trademarks, Copyrights and Patents.

Consultant shall promptly and fully inform Engineer in writing of any patents, trademarks or copyrights related to services provided under this Agreement or patent trademark or copyright disputes, existing or potential, which Consultant has knowledge of, relating to any idea, design, method, material, equipment or other matter connected to this Agreement. Consultant agrees to save, keep, hold harmless, protect and indemnify City and any of its officers or agents from any damages, cost, or expenses in law or equity from infringement of any patent, trademark, service mark or copyright of

any person or persons, or corporations in consequence of the use by City of any materials supplied by Consultant in the performance of this Agreement.

18. Proprietary Information.

Writings, as that term is defined in Section 250 of the California Evidence Code (including, without limitation, drawings, specifications, estimates, reports, records, reference material, data, charts, documents, renderings, computations, computer tapes or disks, submittals and other items of any type whatsoever, whether in the form of writing, figures or delineations), which are obtained, generated, compiled or derived in connection with this Agreement (collectively hereafter referred to as "property"), are owned by City as soon as they are developed, whether in draft or final form. City has the right to use or permit the use of property and any ideas or methods represented by such property for any purpose and at any time without compensation other than that provided in this Agreement. Consultant hereby warrants and represents that City at all times owns rights provided for in this section free and clear of all third-party claims whether presently existing or arising in the future, whether or not presently known. Consultant need not obtain for City the right to use any idea, design, method, material, equipment or other matter which is the subject of a valid patent, unless such patent is owned by Consultant or one of its employees, or its Subconsultant or the Subconsultant's employees, in which case such right shall be obtained without additional compensation. Whether or not Consultant's initial proposal or proposals made during this Agreement are accepted by City, it is agreed that all information of any nature whatsoever connected with the Scope of Work, regardless of the form of communication, which has been or may be given by Consultant, its Subconsultants or on either's behalf, whether prior or subsequent to this Agreement becoming effective, to the City, its boards, officers, agents or employees, is not given in confidence. Accordingly, City or its designees may use or disclose such information without liability of any kind, except as may arise under valid patents.

19. Royalty-Free License.

If research or development is furnished in connection with this Agreement and if, in the course of such research or development, patentable work product is produced by Consultant, its officers, agents, employees, or Subconsultants, the City shall have, without cost or expense to it, an irrevocable, non-exclusive royalty-free license to make and use, itself or by anyone on its behalf, such work product in connection with any activity now or hereafter engaged in or permitted by City. Upon City's request, Consultant, at its sole cost and expense, shall promptly furnish or obtain from the appropriate person a form of license satisfactory to the City. It is expressly understood and agreed that, as between City and Consultant, the referenced license shall arise for City's benefit immediately upon the production of the work product, and is not dependent on the written license specified above. City may transfer such license to its successors in the operation or ownership of any real or personal property now or hereafter owned or operated by City.

20. City's Disclosure Obligations.

Consultant acknowledges that City is subject to laws, rules and/or regulations generally requiring it to disclose records upon request, which laws, rules and/or regulations include, but are not limited to, the California Public Records Act (California Government Code Sections 6250 et seq.) ("Disclosure Laws").

21. Notices.

In all cases where written notice is to be given under this Agreement, service shall be deemed sufficient if said notice is deposited in the United States mail, postage prepaid. When so given, such notice shall be effective from the date of mailing of the same. For the purpose hereof, unless otherwise provided by notice in writing from the respective parties, notice to City's Harbor Department shall be addressed to Director of Development, Los Angeles Harbor Department, P.O. Box 151, San Pedro, California 90733-0151, and notice to Consultant shall be addressed to it at the address set forth above. Nothing herein contained shall preclude or render inoperative service of such notice in the manner provided by law.

22. Taxpayer Identification Number ("TIN").

The Internal Revenue Service (IRS) requires that all consultants and suppliers of materials and supplies provide a TIN to the party that pays them. Consultant declares that it has an authorized TIN which shall be provided to the Department prior to payment under this Agreement. No payments will be made under this Agreement without a valid TIN.

23. Service Contractor Worker Retention Policy and Living Wage Requirements.

The Board of Harbor Commissioners of the City of Los Angeles adopted Resolution Nos. 19-8419 and 19-8420 on January 24, 2019, adopting the provisions of Los Angeles City Ordinance No. 185356 relating to Service Contractor Worker Retention ("SCWR"), Section 10.36 et seq. of the Los Angeles Administrative Code, as the policy of City's Harbor Department. Further, Charter Section 378 requires compliance with the City's Living Wage requirements as set forth by ordinance, Section 10.37 et seq. of the Los Angeles Administrative Code. Consultant shall comply with the policy wherever applicable. Violation of this provision, where applicable, shall entitle City to terminate this Agreement and otherwise pursue legal remedies that may be available.

24. Wage and Earnings Assignment Orders/Notices of Assignments.

Consultant and Subconsultants shall comply with all applicable state and federal employment reporting requirements for employees.

Consultant and Subconsultants shall certify that the principal owner(s) are in compliance with any Wage and Earnings Assignment Orders and Notices of Assignments applicable to them personally. Consultant and Subconsultants shall fully comply with all lawfully served Wage and Earnings Assignment Orders and Notices of Assignments in accordance with Section 5230 et seq. of the California Family Code.

25. Equal Benefits Policy.

Board adopted Resolution No. 6328 on January 12, 2005, agreeing to adopt the provisions of Los Angeles City Ordinance No. 172,908, as amended, relating to Equal Benefits, Section 10.8.2.1 et seq. of the Los Angeles Administrative Code, as a policy of City's Harbor Department. Consultant shall comply with the policy wherever applicable. Violation of this policy shall entitle the City to terminate any agreement with Consultant and pursue any and all other legal remedies that may be available. See Exhibit "K."

26. Compliance With Los Angeles City Charter Section 470(c)(12).

The Consultant, Subconsultants, and their Principals are obligated to fully comply with City of Los Angeles Charter Section 470(c)(12) and related ordinances, regarding limitations on campaign contributions and fundraising for certain elected City officials or candidates for elected City office if the agreement is valued at \$100,000 or more and requires approval of a City elected official. Additionally, Consultant is required to provide and update certain information to the City as specified by law. Any Consultant subject to Charter Section 470(c)(12), shall include the following notice in any contract with a subconsultant expected to receive at least \$100,000 for performance under this Agreement:

Notice Regarding Los Angeles Campaign Contribution and Fundraising Restrictions

As provided in Charter Section 470(c)(12) and related ordinances, you are a subconsultant on Harbor Department Agreement No. _____. Pursuant to City Charter Section 470(c)(12), subconsultant and its principals are prohibited from making campaign contributions and fundraising for certain elected City officials or candidates for elected City office for 12 months after the Agreement is signed. Subconsultant is required to provide to Consultant names and addresses of the subconsultant's principals and contact information and shall update that information if it changes during the 12 month time period. Subconsultant's information must be provided to Consultant within 10 business days. Failure to comply may result in termination of the Agreement or any other available legal remedies including fines. Information about the restrictions may be found at the City Ethics Commission's website at <http://ethics.lacity.org/> or by calling 213-978-1960.

Consultant, Subconsultants, and their Principals shall comply with these requirements and limitations. Violation of this provision shall entitle the City to terminate this Agreement and pursue any and all legal remedies that may be available.

27. State Tidelands Grants.

This Agreement is entered into in furtherance of and as a benefit to the State Tidelands Grant and the trust created thereby. Therefore, this Agreement is at all times subject to the limitations, conditions, restrictions and reservations contained in and

prescribed by the Act of the Legislature of the State of California entitled "An Act Granting to the City of Los Angeles the Tidelands and Submerged Lands of the State Within the Boundaries of Said City," approved June 3, 1929 (Stats. 1929, Ch. 651), as amended, and provisions of Article VI of the Charter of the City of Los Angeles relating to such lands. Consultant agrees that any interpretation of this Agreement and the terms contained herein must be consistent with such limitations, conditions, restrictions and reservations.

28. Construction of Agreement.

This Agreement shall not be construed against the party preparing the same, shall be construed without regard to the identity of the person who drafted such and shall be construed as if all parties had jointly prepared this Agreement and it shall be deemed their joint work product; each and every provision of this Agreement shall be construed as though all of the parties hereto participated equally in the drafting hereof; and any uncertainty or ambiguity shall not be interpreted against any one party. As a result of the foregoing, any rule of construction that a document is to be construed against the drafting party shall not be applicable.

29. Titles and Captions.

The parties have inserted the section titles in this Agreement only as a matter of convenience and for reference, and the section titles in no way define, limit, extend or describe the scope of this Agreement or the intent of the parties in including any particular provision in this Agreement.

30. Modification in Writing.

This Agreement may be modified only by written agreement of all parties. Any such modifications are subject to all applicable approval processes required by, without limitation, City's Charter and City's Administrative Code.

31. Waiver.

A failure of any party to this Agreement to enforce the Agreement upon a breach or default shall not waive the breach or default or any other breach or default. All waivers shall be in writing.

32. Governing Law.

This Agreement is made and entered into in the State of California and shall in all respects be construed, interpreted, enforced and governed under and by the laws of the State of California, without reference to choice of law rules.

33. Severability.

Should any part, term, condition or provision of this Agreement be declared or determined by any court of competent jurisdiction to be invalid, illegal or incapable of being enforced by any rule of law, public policy, or city charter, the validity of the remaining parts, terms, conditions or provisions of this Agreement shall not be affected

thereby, and such invalid, illegal or unenforceable part, term, condition or provision shall be treated as follows: (a) if such part, term, condition or provision is immaterial to this Agreement, then such part, term, condition or provision shall be deemed not to be a part of this Agreement; or (b) if such part, term, condition or provision is material to this Agreement, then the parties shall revise the part, term, condition or provision so as to comply with the applicable law or public policy and to effect the original intent of the parties as closely as possible.

34. Jurisdiction.

The parties hereto consent to the jurisdiction of the State of California for the enforcement of this Agreement.

35. Integrated Agreement.

This Agreement contains the entire understanding and agreement between the parties hereto with respect to the matters referred to herein. No other representations, covenants, undertakings, or prior or contemporaneous agreements, oral or written, regarding such matters which are not specifically contained, referenced, and/or incorporated into this Agreement by reference shall be deemed in any way to exist or bind any of the parties. Each party acknowledges that it has not been induced to enter into the Agreement and has not executed the Agreement in reliance upon any promises, representations, warranties or statements not contained, referenced, and/or incorporated into the Agreement. **THE PARTIES ACKNOWLEDGE THAT THIS AGREEMENT IS INTENDED TO BE, AND IS, AN INTEGRATED AGREEMENT.**

36. Exhibits; Sections.

All exhibits to which reference is made in this Agreement are deemed incorporated in this Agreement, whether or not actually attached. To the extent the terms of an exhibit conflict with or appear to conflict with the terms of the body of the Agreement, the terms of the body of the Agreement shall control. References to sections are to sections of this Agreement unless stated otherwise.

37. Counterparts.

This Agreement may be executed in any number of counterparts, each of which shall be deemed an original and all of which shall constitute together one and the same instrument.

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IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the date next to their signatures.

THE CITY OF LOS ANGELES, by its
Board of Harbor Commissioners

Date: _____

By: _____
EUGENE D. SEROKA
Executive Director

Attest: _____
Secretary

JACOBS ENGINEERING GROUP, INC.

Date: 10/24/19

By: [Signature]

Name: KOSAL KRISHNAN

Title: DIVISION VICE PRESIDENT

Attest: [Signature]

Name: Ronald E. Williams

Title: Senior Vice President

APPROVED AS TO FORM AND LEGALITY
10-29, 2019
MICHAEL N. FEUER, City Attorney
Janna B. Sidley, General Counsel

By [Signature]
Minah Park, Deputy

Account #	<u>54220</u>	W.O. #	<u>11111</u>
Ctr/Div #	<u>1900/311</u>	Job Fac. #	<u>111-11</u>
Proj/Prog #	<u>000</u>		
Fiscal Year	MIP (311)	CIP(1900)	Total
FY 2019/2020	\$ 12,000	\$ 200,000	\$ 212,000
FY 2020/2021	\$ 60,000	\$ 1,170,000	\$ 1,230,000
FY 2021/2022	\$ 60,000	\$ 1,170,000	\$ 1,230,000
FY 2022/2023	\$ 20,000	\$ 308,000	\$ 328,000
TOTAL	\$ 152,000	\$ 2,848,000	\$ 3,000,000

For Acct/Budget Div. Use Only:	
Verified by:	<u>[Signature]</u>
Verified Funds Available:	<u>[Signature]</u>
Date Approved:	<u>10/28/19</u>

EXHIBIT "A"
ON-CALL ENGINEERING SERVICES

PROGRAM DESCRIPTION

The On-Call Engineering Services Agreements will provide the Engineering Division with on-call as needed engineering and architectural services to support the Department's Capital Improvement Program (CIP) and Maintenance Improvement Program (MIP) Program.

Attached to this Exhibit is the CIP Status Report, listing projects that may require on-call engineering services. This report is included for general information as to the size and type of projects that may be completed under the On-Call Engineering Services program for CIP and MIP projects. The Department reserves the right to add or remove projects as necessary as may be in the Department's best interest.

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
I. Terminals														
Berth 90-93 - World Cruise Center														
1. B. 93 - Cruise Terminal - Customs and Border Protection Improvements (2525300)	1007	Leon, Laura	Completed	\$3,492,702	04/13/15	A 04/11/15	01/31/17	A 02/12/17	100%	07/01/17	A 06/12/17	07/31/18	A 03/31/18	100%
2. B. 91-93 - Alternative Maritime Power (AMP) Upgrade and Retrofit (2527300)	1186	Aboulhosn, Shawki	Completed	\$13,840,000	11/17/14	A 11/17/14	03/23/16	A 03/23/16	100%	11/15/16	A 11/15/16	06/21/18	A 06/21/18	100%
3. B. 93 - Replacement of Elevator No. 6 (2528700)	1007	Smith, Charles	Construction	\$288,546	08/04/14	A 08/04/14	08/04/14	A 08/04/14	N/A	12/31/15	A 12/31/15	12/31/18	01/31/19	98%
4. B. 93 - Elevator No. 4 Modernization (2534600)	1007	Smith, Charles	Construction	\$280,530	06/30/15	A 06/30/15	06/30/15	A 06/30/15	N/A	01/27/16	A 01/27/16	12/31/18	01/31/19	75%
5. B. 93 - Install Two New Elevators at the Cruise Terminal (2543900)	1007	Leon, Laura	Design	\$4,757,350	02/01/17	A 02/01/17	01/17/19	01/17/19	95%	07/19/19	07/19/19	06/30/20	06/30/20	0%
6. B. 91-93 - Cruise Terminal - Passenger Access (2546900)	1007	Leon, Laura	Construction	\$100,000	10/15/17	A 10/15/17	04/12/18	A 01/01/18	100%	04/13/18	A 04/07/18	10/09/18	01/31/19	80%
7. B. 91-92 - Cruise Terminal - Escalator Modernization (2547400)	1007	Reeser, Kenneth	Construction	\$924,000	07/17/17	A 07/17/17	07/17/17	A 07/17/17	N/A	09/01/18	A 12/01/18	12/31/19	12/31/19	5%
8. B. 93 - Engineering Records Vault Relocation and Improvements (2549900)	1007	Leon, Laura	Construction	\$187,000	04/11/18	A 04/11/18	06/02/18	A 06/02/18	100%	06/03/18	A 06/03/18	06/30/19	06/30/19	60%
9. B. 93 - Vehicular and Pedestrian Ramp Repair (2553000)	1007	Reeser, Kenneth	Planning	\$936,000	01/01/19	01/15/19	02/28/19	02/28/19	N/A	06/01/19	06/01/19	12/31/19	12/31/19	0%
10. B. 91-92 - Passenger Terminal - Ceiling Tile Replacement (2553900)	1007	Hazelett, Phil	Bid (Adv.) and Award	\$222,000	12/31/18	A 12/31/18	12/31/18	A 12/31/18	N/A	03/01/19	03/01/19	04/30/19	04/30/19	0%
BERTH 90-93 - WORLD CRUISE CENTER TOTAL				\$25,028,128										
Berth 100-102 - China Shipping Container Terminal														
1. B. 100-102 - Marine Operations Building (2454300)	1042	Kim, Jin	Hold	\$13,800,000	02/12/12	A 02/12/12	08/31/14	A 08/31/14	100%	12/01/15	02/01/16	04/30/17	04/30/17	0%
2. B. 100-102 - Crane Maintenance Building (2502600)	1042	Kim, Jin	Hold	\$5,700,000	10/01/13	A 10/01/13	08/31/14	A 08/31/14	100%	12/01/15	02/01/16	04/30/17	04/30/17	0%
3. B. 97 - 109 - China Shipping Container Terminal Supplemental EIR (2535300)	1042	Ochsner, Lisa	Environmenta	\$2,376,500	05/15/15	A 05/15/15	05/15/15	A 05/15/15	N/A	05/15/15	A 05/15/15	09/30/19	09/30/19	80%
BERTH 100-102 - CHINA SHIPPING CONTAINER TERMINAL TOTAL				\$21,876,500										
Berth 121-131 - Yang Ming Container Terminal														
1. Phase I & II														
1. B. 121-131 - Wharf Upgrades (2449000)	1162	Kim, Jin	Hold	\$106,700,000	01/07/15	A 07/01/15	04/10/16	04/10/16	5%	10/11/16	10/11/16	04/10/18	04/10/18	0%
2. B. 121-131 - West Basin Intermodal Container Transfer Facility (WBICTF) Expansion (2481000)	1162	Kim, Jin	Hold	\$11,100,000	01/07/15	01/07/15	04/10/16	04/10/16	0%	10/11/16	10/11/16	04/10/18	04/10/18	0%
3. B. 121-131 - Terminal Redevelopment - Planning and Environmental (2523200)	1162	Wunder, Lisa	Environmenta	\$4,215,241	05/30/13	A 05/30/13	05/30/13	A 05/30/13	N/A	05/30/13	A 05/30/13	11/30/18	11/30/18	75%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
4. 2001 John S. Gibson Blvd - Yang Ming Administration Building Improvements (2545900)	1207	Reeser, Kenneth	Completed	\$320,702	08/27/17	A 09/10/17	09/09/17	A 09/10/17	N/A	11/05/17	A 11/10/17	06/02/18	A 05/17/18	100%
PHASE I & II TOTAL				\$122,335,943										
BERTH 121-131 - YANG MING CONTAINER TERMINAL TOTAL				\$122,335,943										
Berth 135-147 - TRAPAC Container Terminal														
1. B. 142-143 - Backland Improvements - Phases 2-4 (2449800)	1103	Newbold, Adrienne	Completed	\$120,726,870	09/16/05	A 09/16/05	09/09/13	A 09/09/13	100%	03/03/14	A 03/03/14	03/22/17	A 02/15/17	100%
2. B. 142-147 - ICTF (2455100)	1161	Shimabukuro , Geraldine	Completed	\$73,965,000	08/23/12	A 08/23/12	09/08/13	A 09/08/13	100%	02/03/14	A 02/03/14	05/22/16	A 04/22/16	100%
3. R.B. 136-139 - Terminal Buildings & Main Gate (2458500)	1103	Sanchez, Marco	Completed	\$79,215,000	08/31/06	A 08/31/06	08/22/12	A 08/22/12	100%	02/11/13	A 02/11/13	11/20/15	A 01/07/16	100%
4. B. 144-145 - Backland Improvements - Phase 1C (2513100)	1103	Newbold, Adrienne	Closed	\$44,992,018	10/29/11	A 10/29/11	12/03/12	A 12/03/12	100%	04/15/13	A 04/15/13	05/19/14	A 04/24/14	100%
5. B. 145-147 - Backland Improvements - Phase 1B (2514300)	1103	Newbold, Adrienne	Completed	\$11,790,244	10/28/11	A 10/28/11	08/21/12	A 08/21/12	100%	02/12/13	A 02/12/13	02/28/14	A 02/28/14	100%
6. B. 142 - Crane Maintenance Building (2517700)	1103	Sar, Christina	Completed	\$9,229,000	12/16/12	A 12/16/12	01/31/15	A 01/31/15	100%	01/02/16	A 10/26/15	08/02/17	A 05/22/17	100%
7. B. 144-145 - Storm Drain Improvements (2547200)	1103	Newbold, Adrienne	Bid (Adv.) and Award	\$375,000	10/28/17	A 10/28/17	12/31/18	A 11/01/18	100%	06/30/19	01/30/19	12/26/19	07/30/19	0%
BERTH 135-147 - TRAPAC CONTAINER TERMINAL TOTAL				\$340,293,132										
Berth 171-181 - Development														
1. B. 177-178 - Wharf Restoration (2538900)	1187	Ragusa, Angela	Design	\$9,420,000	11/01/17	A 11/01/17	04/30/19	04/30/19	40%	11/01/19	11/01/19	04/30/20	04/30/20	0%
2. B. 179-181 - Wharf and Bollard Repair (2543300)	1187	Kim, Taewon	Bid (Adv.) and Award	\$1,240,000	02/01/17	A 02/01/17	03/30/18	A 03/30/18	100%	10/01/19	10/01/19	02/28/20	02/28/20	0%
3. B. 176-179 - Electrical Infrastructure Improvements (2544100)	1187	Baird, Scott	Design	\$3,800,000	12/12/17	A 12/12/17	07/15/19	07/15/19	54%	01/04/20	01/04/20	04/30/21	04/30/21	0%
4. B. 179-181 - Window Upgrade and Roll Up Door Replacement (2553100)	1187	Reeser, Kenneth	Environmenta l	\$975,000	03/31/19	03/31/19	04/30/19	04/30/19	0%	07/01/19	07/01/19	06/30/20	06/30/20	0%
BERTH 171-181 - DEVELOPMENT TOTAL				\$15,435,000										
Berth 212-224 - YTI Container Terminal														
1. B. 214 - 220 - Redevelopment (2519800)	1165	Han, Edward	Completed	\$44,557,782	04/17/13	A 04/17/13	02/25/15	A 03/25/15	100%	07/14/15	A 09/08/15	05/12/17	A 05/12/17	100%
2. B. 214-220 - Alternative Maritime Power (AMP) Improvements (2532500)	1186	Han, Edward	Completed	\$10,889,810	04/17/14	A 04/17/14	03/25/15	A 03/25/15	100%	09/08/15	A 09/08/15	05/12/17	A 05/12/17	100%
3. B. 212-224 - Intermodal Container Transfer Facility (ICTF) Expansion (2533300)	1165	Han, Edward	Completed	\$6,455,400	04/01/13	A 04/01/13	04/29/16	A 04/29/16	100%	10/03/16	A 04/19/17	10/02/17	A 12/31/17	100%
4. B. 214-220 - 480V Main Breakers Replacement (2533500)	1165	Aboulhosn, Shawki	Completed	\$900,804	12/04/14	A 12/04/14	02/12/15	A 02/12/15	100%	07/14/15	A 09/08/15	05/12/17	A 04/14/17	100%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
5. B. 214 - 220 - Concrete Wharf Inspection and Improvements (2537800)	1165	Nguyen, Long	Hold	\$10,603,000	07/16/16	^A 07/16/16	05/31/18	05/31/18	95%	12/01/18	12/01/18	09/30/20	09/30/20	0%
6. B. 218-220 Concrete Pavement Improvement (2546600)	1165	Han, Edward	Hold	\$837,000	12/01/17	^A 12/01/17	03/31/18	^A 03/31/18	100%	09/01/18	09/01/18	12/31/18	12/31/18	0%
BERTH 212-224 - YTI CONTAINER TERMINAL TOTAL				\$74,243,796										
Berth 222-236 - Development														
1. B. 226-236 - Terminal Improvements - Planning and Environmental (2524200)	1155	Correa, Brian	Completed	\$4,269,706	09/04/14	^A 09/04/14	09/04/14	^A 09/04/14	N/A	09/04/14	^A 09/04/14	12/31/17	^A 10/19/17	100%
2. B. 228-230 - Alternative Maritime Power (AMP) Upgrade and Retrofit (2529400)	1186	Correa, Brian	Bid (Adv.) and Award	\$7,000,000	09/16/14	^A 09/16/14	09/28/18	^A 11/16/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
3. B. 226-236 Terminal Improvements - Wharf and Backlands (2531200)	1155	Correa, Brian	Bid (Adv.) and Award	\$41,311,840	09/19/14	^A 09/19/14	09/28/18	^A 11/16/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
4. B. 226-236 - Terminal Infrastructure Reconstruction (2539400)	1155	Correa, Brian	Bid (Adv.) and Award	\$14,852,400	03/14/16	^A 03/14/16	09/28/18	^A 11/16/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
5. B. 226 - Electrical Infrastructure for E-Truck Plug-In and LNG Fueling Stations (2544000)	1155	Hoang, Dac	Construction	\$380,000	05/03/17	^A 05/03/17	08/31/17	^A 08/31/17	100%	09/01/17	^A 09/01/17	12/31/18	01/31/19	98%
6. B. 226-236 - Advanced Cargo Handling Demonstration (2545300)	1155	Hoang, Dac	Bid (Adv.) and Award	\$2,000,000	07/11/17	^A 07/11/17	09/28/18	^A 11/15/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
BERTH 222-236 - DEVELOPMENT TOTAL				\$69,813,946										
Berth 300-306 - Development														
1. R.B. 301-305 - Buildings, Gates, and Backland Development (2489000)	1134	Harne, Melissa	Closed	\$607,716	01/02/13	^A 01/02/13	08/04/17	08/04/17	2%	02/01/18	02/01/18	01/21/20	01/21/20	0%
2. B. 306 - Wharf and Backland Development (2489100)	1134	Cisneros, Hugo	Hold	\$163,000,000	01/05/09	^A 01/05/09	02/01/17	02/01/17	59%	02/01/18	02/01/18	01/21/20	01/21/20	0%
3. B. 302-305 - Crane Switchgear Modernization (2552900)	1134	Basha, George	Design	\$1,775,000	01/01/19	^A 01/01/19	02/28/19	02/28/19	5%	10/01/19	10/01/19	04/30/21	04/30/21	0%
BERTH 300-306 - DEVELOPMENT TOTAL				\$165,382,716										
Berth 400-409 - Development														
1. B. 402-403 - Expansion Joint Repaving (2536300)	1140	Le, Chinh	Closed	\$272,986	08/18/15	^A 08/18/15	08/09/16	^A 08/09/16	100%	03/01/18	^A 02/05/18	11/28/18	^A 03/20/18	100%
2. Pier 400 Corridor Storage Tracks Expansion (2543500)	1140	Lai, Sue	Design	\$34,015,000	07/15/18	^A 07/15/18	12/31/19	12/31/19	30%	07/01/20	07/01/20	12/31/21	12/31/21	0%
3. Pier 400 Pavement Replacement (2550400)	1140	Honeybone, Christine	Completed	\$115,469	06/14/18	^A 06/14/18	06/14/18	^A 06/14/18	100%	06/30/18	^A 06/25/18	07/29/18	^A 07/20/18	100%
BERTH 400-409 - DEVELOPMENT TOTAL				\$34,403,455										
Motems														
1. B. 238-239 - MOTEMS - PBF Energy (2489900)	1195	Robledo, Jose	Design	\$25,675,000	08/29/18	^A 08/29/18	10/21/19	10/21/19	40%	04/27/20	04/27/20	04/30/21	04/30/21	0%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Start Projected	Baseline	Finish Projected		Baseline	Start Projected	Baseline	Finish Projected	
2. B. 167-169 - MOTEMS- Shell (2493600)	1195	Robledo, Jose	Design	\$22,540,338	12/09/13	^A 12/09/13	01/28/19	01/28/19	95%	01/07/20	01/07/20	01/24/22	01/24/22	0%
3. B. 163 - MOTEMS- NuStar (2493700)	1195	Robledo, Jose	Hold	\$23,976,000	07/04/17	07/04/17	07/02/18	07/02/18	0%	06/11/19	06/11/19	06/08/20	06/08/20	0%
4. B. 148-151 - MOTEMS- Phillips 66 (2493800)	1195	Robledo, Jose	Design	\$24,626,142	02/05/18	^A 02/05/18	09/30/19	09/30/19	10%	03/31/20	03/31/20	03/29/21	03/29/21	0%
5. B. 164 - MOTEMS - Valero (2493900)	1195	Robledo, Jose	Design	\$26,655,000	08/11/17	^A 08/11/17	03/08/19	03/08/19	80%	09/16/19	03/14/20	09/18/20	09/18/20	0%
6. B. 187-191 - MOTEMS- Vopak (2494000)	1195	Robledo, Jose	Hold	\$61,561,271	06/03/16	06/03/16	02/16/17	02/16/17	0%	07/14/17	07/14/17	01/10/19	01/10/19	0%
7. B. 163 - MOTEMS Repairs - Nustar (2524400)	1195	Robledo, Jose	Completed	\$1,258,598	10/03/13	^A 10/03/13	05/31/14	^A 05/31/14	100%	03/09/15	^A 03/09/15	08/07/17	^A 05/12/17	100%
8. B. 164 - MOTEMS Repairs - Valero (2524500)	1195	Robledo, Jose	Completed	\$979,093	10/03/13	^A 10/03/13	05/31/14	^A 05/31/14	100%	03/09/15	^A 03/09/15	08/07/17	^A 05/12/17	100%
9. B. 187-190 - MOTEMS Repairs - Vopak (2524600)	1195	Robledo, Jose	Closed	\$448,310	09/03/16	^A 07/18/16	09/03/17	^A 09/03/17	25%	12/05/17	^A 02/05/18	12/05/18	^A 12/05/18	0%
10. B. 148-149 - MOTEMS Repairs - Phillips 66 (2539800)	1195	Sanchez, Marco	Bid (Adv.) and Award	\$3,955,000	08/09/16	^A 08/09/16	08/05/18	^A 09/04/18	100%	02/07/19	07/28/19	02/07/20	02/07/20	0%
11. B. 163 - 164 - MOTEMS Repairs - Nustar/Valero - Phase 2 (2548300)	1195	Sanchez, Marco	Construction	\$600,000	03/30/18	^A 03/30/18	07/13/18	^A 08/12/18	100%	07/23/18	^A 09/11/18	03/15/19	03/15/19	5%
MOTEMS TOTAL				\$192,274,752										
Miscellaneous Terminal Improvements														
1. B. 196-199 - Wharf Rehabilitation (2516600)	1171	Le, Chinh	Construction	\$14,300,000	03/04/14	^A 03/04/14	02/22/16	^A 02/22/16	100%	08/07/17	^A 08/07/17	07/19/19	07/19/19	93%
2. B. 240 A, B, & C - Seawall Improvements - PBF Energy (2537600)	1001	Sanchez, Marco	Completed	\$4,500,000	05/03/16	^A 05/03/16	09/14/17	^A 10/16/17	100%	11/06/17	^A 04/30/18	11/06/18	^A 08/31/18	100%
3. New Dredge Material Disposal Site (2542800)	1002	Kim, Taewon	Closed	\$0	07/03/17	^A 07/03/17	07/03/17	^A 07/03/17	N/A	07/03/17	^A 07/03/17	07/31/21	07/31/21	N/A
4. B. 243-245 - Confined Disposal Facility Modifications (2547700)	1002	Kim, Taewon	Design	\$2,500,000	12/01/17	^A 12/01/17	03/01/20	03/01/20	40%	05/02/18	07/01/19	11/01/25	11/01/25	0%
5. R.B. 206-209 - Demolition (2547800)	1156	Gutierrez, Mimi	Design	\$3,310,000	09/01/18	^A 09/01/18	02/28/19	02/28/19	95%	09/01/19	09/01/19	05/31/20	05/31/20	0%
6. R.B. 147-151 - Sanitary Sewer Rehabilitation (2548200)	1002	Vazquez, Lizeth	Hold	\$420,000	03/01/18	^A 03/01/18	07/31/18	^A 07/31/18	100%	10/01/18	10/01/18	01/31/19	01/31/19	0%
7. B. 240X So Cal Ship Services - Parking Lot Design (2550600)	1002	Harne, Melissa	Design	\$40,000	06/22/18	^A 08/20/18	10/19/18	02/28/19	10%	10/19/18	02/28/19	10/19/18	02/28/19	0%
MISCELLANEOUS TERMINAL IMPROVEMENTS TOTAL				\$25,070,000										
TERMINALS TOTAL				\$1,086,157,369										
II. Transportation														
Transportation Improvements														

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
1. South Wilmington Grade Separation (2423600)	1172	Martinez, Guillermo	Completed	\$70,078,430	06/01/05	A 06/01/05	06/27/12	A 06/27/12	100%	02/18/13	A 02/18/13	03/31/15	A 03/31/15	100%
2. I-110/SR 47 Connector Improvement (2466100)	1172	Konareddy, Prashant	Completed	\$16,937,052	08/18/08	A 08/18/08	06/19/13	A 06/19/13	100%	11/18/13	A 11/18/13	06/26/16	A 07/07/16	100%
3. John S. Gibson Intersection & NB I-110 Ramp Access Improvements (2469900)	1172	Konareddy, Prashant	Completed	\$28,572,586	03/04/08	A 03/04/08	06/19/13	A 06/19/13	100%	11/18/13	A 11/18/13	06/26/16	A 07/07/16	100%
4. C Street/I-110 Access Ramp Improvements (2485200)	1172	Konareddy, Prashant	Completed	\$45,392,083	07/01/08	A 07/01/08	07/31/13	A 07/31/13	100%	01/13/14	A 01/14/14	01/05/17	A 09/13/16	100%
5. B. 200 - Rail Yard (2488500)	1172	Sar, Christina	Completed	\$128,479,559	04/16/08	A 04/16/08	11/16/11	A 11/16/11	100%	08/27/12	A 08/27/12	08/01/14	A 08/15/14	100%
6. Avalon and Fries Street Closures Environmental Assessment (2516700)	1172	Wunder, Lisa	Environmenta	\$779,650	08/08/12	A 08/08/12	08/08/12	A 08/08/12	N/A	08/08/12	A 08/08/12	12/31/19	12/31/19	80%
7. At-Grade Rail Crossing Protection System for Anaheim St. Rail Crossing of McFarland Lead Track (2524100)	1172	Hunt, Alex	Completed	\$434,106	06/10/13	A 06/10/13	08/31/15	A 08/31/15	100%	09/01/16	A 09/01/16	03/31/18	A 05/31/18	100%
8. SCIG Bridge and Road Review (2532200)	1189	Shimabukuro , Geraldine	Hold	\$200,000	01/12/15	A 01/12/15	06/30/16	06/30/16	95%	06/30/16	06/30/16	06/30/16	06/30/16	N/A
9. State Route 47/Vincent Thomas Bridge & Front St./Harbor Blvd Interchange Reconfiguration (2533400)	1172	Aziz, Sarah	Design	\$31,050,000	10/01/18	A 12/15/18	09/30/20	09/30/20	1%	04/01/21	04/01/21	03/30/23	03/30/23	N/A
10. Alameda Corridor Southern Terminus Gap Closure (2536600)	1172	Preciado, Noe	Design	\$10,056,000	12/07/15	A 12/07/15	04/30/19	04/30/19	85%	02/01/20	02/01/20	01/31/21	01/31/21	0%
11. Navy Way Speed Hump Reconstruction and Restriping (2538300)	1172	Konareddy, Prashant	Bid (Adv.) and Award	\$1,850,000	09/01/16	A 09/01/16	07/31/17	A 07/31/17	100%	09/03/18	01/15/19	03/29/19	03/29/19	0%
12. Water Street Resurfacing (2538500)	1172	Hunt, Alex	Completed	\$800,000	09/01/16	A 09/01/16	03/10/17	A 03/10/17	100%	10/01/18	A 08/22/18	03/29/19	A 10/15/18	100%
13. Reeves Avenue Resurfacing (2538700)	1172	Aziz, Sarah	Completed	\$660,000	09/01/16	A 09/01/16	02/10/17	A 02/10/17	100%	12/01/18	A 10/01/18	05/31/19	A 11/30/18	100%
14. Miner Street Resurfacing (2538800)	1172	Aziz, Sarah	Completed	\$500,000	12/08/16	A 12/08/16	04/07/17	A 04/07/17	100%	11/01/18	A 09/17/18	04/05/19	A 11/16/18	100%
15. B. 200 - Rail Yard and Track Connections Enhancements (2540800)	1172	Shimabukuro , Geraldine	Bid (Adv.) and Award	\$6,700,000	08/08/16	A 08/08/16	09/20/18	A 09/20/18	100%	04/01/19	04/01/19	04/01/20	04/01/20	0%
16. Waterside Emergency Access - Various Locations (2542400)	1172	Gutierrez, Mimi	Closed	\$103,366	02/01/17	A 01/20/17	03/02/17	A 09/15/17	100%	03/13/17	A 09/26/17	07/31/17	A 07/19/18	100%
17. Pier A - Street Resurfacing (2542900)	1172	Hunt, Alex	Completed	\$1,200,000	09/01/17	A 09/01/17	01/31/18	A 01/31/18	100%	04/01/18	A 07/30/18	07/31/18	A 08/10/18	100%
18. Swinford Street, Front Street, and Regan Street - Resurfacing Project (2543100)	1172	Konareddy, Prashant	Design	\$850,000	09/01/17	A 09/01/17	01/31/19	01/31/19	90%	03/01/19	03/01/19	12/28/19	12/28/19	0%
19. Alameda Street & Dispatch Hall Driveway Traffic Signal (2544900)	1172	Hunt, Alex	Completed	\$633,000	09/01/17	A 09/01/17	09/30/18	A 01/31/18	100%	12/01/18	A 02/20/18	02/28/19	A 06/30/18	100%
20. B. 200 - Roadway Improvements (2549400)	1172	Newbold, Adrienne	Bid (Adv.) and Award	\$209,060	06/02/18	A 06/02/18	09/30/18	A 10/31/18	100%	01/01/19	02/01/19	06/30/19	05/30/19	0%
21. Access Road Adjacent to Praxair, Inc. Resurfacing (2551400)	1172	Hunt, Alex	Design	\$600,000	11/01/18	A 10/16/18	08/31/19	08/31/19	40%	12/01/19	12/01/19	03/31/20	03/31/20	0%
22. Henry Ford Avenue and Anchorage Road Improvements (2551600)	1172	Hunt, Alex	Bid (Adv.) and Award	\$50,000	11/01/18	A 11/01/18	12/31/18	A 12/31/18	100%	03/01/19	03/01/19	04/30/19	04/30/19	0%

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
23. Southern California International Gateway (SCIG) Environmental Assessment (2552500)	1189	Ochsner, Lisa	Environmenta l	\$700,000	12/01/18	A 12/01/18	12/01/18	A 12/01/18	N/A	12/01/18	A 12/01/18	12/01/19	12/01/19	1%
24. C Street/I-110 Access Ramp Improvements Right of Way Transfer (2552800)	1172	Konareddy, Prashant	Planning	\$95,000	02/28/19	02/28/19	02/28/19	02/28/19	N/A	03/01/19	03/01/19	08/30/21	08/30/21	0%
25. B. 200 - Roadway Improvements & Extension (2554000)	1172	Harne, Melissa	Planning	\$6,390,000	02/02/20	02/02/20	07/31/21	07/31/21	0%	02/01/22	02/01/22	02/01/23	02/01/23	0%
TRANSPORTATION IMPROVEMENTS TOTAL				\$353,319,892										
TRANSPORTATION TOTAL				\$353,319,892										
III. Security														
Homeland Security														
1. Port Police - 700 MHz Radio System - Phase I (2542000)	1179	Bosso, Homero	Construction	\$1,202,310	10/31/16	A 10/31/16	12/31/16	A 12/31/16	100%	08/30/17	A 08/30/17	08/30/19	08/30/19	50%
2. Port Police - 700 MHz Radio System - Phase II (2542100)	1179	Schutte, Katrina	Design	\$17,468,453	10/31/16	A 10/31/16	01/31/19	01/31/19	95%	02/01/19	02/01/19	06/30/21	06/30/21	0%
3. Port Police - Catalina Island Radio Repeater Site (2546500)	1179	Bosso, Homero	Construction	\$400,352	10/01/17	A 10/01/17	10/01/17	A 10/01/17	N/A	10/01/17	A 10/01/17	06/30/19	06/30/19	50%
4. Port Police - Integrated Computer Aided Dispatch and Records Management System (CAD/RMS) (2547900)	1179	Schutte, Katrina	Bid (Adv.) and Award	\$2,556,715	04/30/18	A 04/30/18	04/30/18	A 04/30/18	N/A	11/02/18	02/01/19	11/02/19	11/30/19	0%
5. Port Police - Fixed License Plate Reader (LPR) System (2548000)	1179	Schutte, Katrina	Bid (Adv.) and Award	\$571,649	04/30/18	A 04/30/18	04/30/18	A 04/30/18	N/A	12/01/18	02/01/19	12/31/19	12/31/19	0%
6. 120 W "C" Street Port Police Canine Training Site Improvements (2549000)	1179	Hughes, Danny	Completed	\$73,818	03/01/18	A 03/01/18	03/01/18	A 03/01/18	N/A	03/02/18	A 03/02/18	06/01/18	A 07/31/18	100%
HOMELAND SECURITY TOTAL				\$22,273,297										
SECURITY TOTAL				\$22,273,297										
IV. Public Access/Environmental Enhancements														
Port-Wide Public Enhancements														
1. Front Street Beautification (2504700)	1167	Aziz, Sarah	Hold	\$7,300,000	10/30/11	A 10/30/11	08/31/15	A 08/31/15	100%	04/01/15	A 04/01/15	09/30/19	10/30/19	5%
PORT-WIDE PUBLIC ENHANCEMENTS TOTAL				\$7,300,000										
Los Angeles Waterfront														
1. San Pedro Waterfront														
1. San Pedro Waterfront - Harbor Boulevard (SP Slip to 22nd St.) Roadway Improvements (2488200)	1169	Harne, Melissa	Hold	\$22,000,000	03/01/17	03/01/17	07/01/18	07/01/18	0%	01/03/19	01/03/19	01/03/21	01/03/21	0%
2. San Pedro Waterfront - B. 57 - Wharf Demolition, Seawall Repair, and Street Improvements (2500600)	1182	Grossi, Chris	Hold	\$21,725,000	01/01/19	01/01/19	06/30/20	06/30/20	0%	01/01/21	01/01/21	06/30/22	06/30/22	0%

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
3. San Pedro Waterfront - Sampson Way Roadway Improvements - 7th Street & Harbor Blvd. Intersection (2509400)	1169	Leon, Laura	Completed	\$15,665,000	07/01/14	^A 07/01/14	02/22/16	^A 02/22/16	100%	10/31/16	^A 10/31/16	08/28/18	^A 08/11/18	100%
4. San Pedro Waterfront - B. 57 - AltaSea Environmental Assessment (2531800)	1182	Wunder, Lisa	Hold	\$1,000,000	01/05/15	^A 01/05/15	01/05/15	^A 01/05/15	N/A	01/05/15	^A 01/05/15	02/28/18	02/28/18	70%
5. San Pedro Waterfront - Ports O' Call Promenade and Town Square - Phase I (2532100)	1185	Honeybone, Christine	Construction	\$32,200,000	07/01/15	^A 07/01/15	01/29/19	01/29/19	95%	03/05/18	^A 03/05/18	01/29/21	01/29/21	10%
6. San Pedro Waterfront - B. 79 - Buildings Demolition (2538000)	1185	Grossi, Chris	Closed	\$0	01/20/16	^A 01/20/16	11/14/18	11/14/18	90%	05/16/19	05/16/19	11/16/21	05/16/19	0%
7. San Pedro Waterfront - B. 80-83 - Buildings and Floats Demolition (2538100)	1185	Grossi, Chris	Completed	\$958,000	01/19/16	^A 01/19/16	09/01/18	^A 09/01/18	100%	01/09/17	^A 01/09/17	09/03/21	^A 01/15/19	100%
8. San Pedro Waterfront - B. 78 - Chevron Clean-up - Phase I (2538200)	1185	Grossi, Chris	Construction	\$1,500,000	01/19/16	^A 01/19/16	01/22/18	^A 01/22/18	100%	12/03/18	^A 12/03/18	05/01/19	05/01/19	15%
9. San Pedro Waterfront - B. 80-83 - Waterside Improvements (2539000)	1185	Grossi, Chris	Design	\$4,218,660	03/01/16	^A 03/01/16	01/29/19	01/29/19	95%	07/31/19	07/31/19	09/30/22	09/30/22	0%
10. San Pedro Waterfront - Harbor Boulevard From Miner Street to SP Slip Roadway Improvements (2543000)	1169	Harne, Melissa	Design	\$6,000,000	01/03/17	^A 01/03/17	09/18/19	09/18/19	82%	03/20/20	03/20/20	03/20/21	03/20/21	0%
11. Harbor Boulevard - Automated Public Toilet Retrofits (2546000)	1207	Reeser, Kenneth	Completed	\$158,034	08/26/17	^A 08/26/17	08/26/17	^A 08/26/17	N/A	09/24/17	^A 10/08/17	06/30/18	^A 05/17/18	100%
12. San Pedro Waterfront - Downtown Harbor Water Cut Sheet Piling Movement Investigation for Repair (2547500)	1183	Posadas, John	Closed	\$0	11/20/17	^A 11/20/17	11/20/17	^A 11/20/17	N/A	11/20/17	^A 11/20/17	03/31/19	03/31/19	40%
13. San Pedro Waterfront - 34.5KV Electric Utility Service (2548400)	1169	Baird, Scott	Design	\$4,000,000	02/01/18	^A 02/01/18	01/31/19	01/31/19	28%	07/01/19	07/01/19	01/31/20	01/31/20	0%
14. San Pedro Waterfront - Town Square Public Restrooms (2551300)	1185	Martinez, Anabel	Planning	\$958,400	10/24/18	01/15/19	07/02/19	07/02/19	0%	12/18/19	12/18/19	06/02/20	06/02/20	0%
15. San Pedro Waterfront - B. 78 Chevron Clean Up - Phase II (2552300)	1185	Grossi, Chris	Design	\$1,500,000	01/19/16	^A 01/19/16	09/30/20	09/30/20	5%	04/01/21	04/01/21	09/30/22	09/30/22	0%
16. San Pedro Waterfront - Ports O' Call Promenade - Phase II (2552600)	1185	Honeybone, Christine	Design	\$8,200,000	07/01/15	^A 07/01/15	09/30/20	09/30/20	60%	04/01/21	04/01/21	09/30/22	09/30/22	0%
SAN PEDRO WATERFRONT TOTAL				\$120,083,094										
2. Wilmington Waterfront Development														
1. Wilmington Waterfront Park Street Vacations (2525600)	1040	Brown, James	Design	\$265,000	01/02/14	^A 01/02/14	06/02/19	06/02/19	60%	08/04/19	08/04/19	01/05/21	01/05/21	0%
2. Wilmington Waterfront Promenade (2533000)	1040	Cisneros, Hugo	Design	\$52,700,000	07/06/15	^A 07/06/15	02/28/19	02/28/19	94%	09/01/19	09/01/19	09/01/21	09/01/21	0%
3. Wilmington Waterfront - Avalon Promenade and Gateway (2537700)	1040	Cisneros, Hugo	Design	\$23,800,000	02/03/17	^A 02/03/17	03/30/20	03/30/20	31%	10/01/20	10/01/20	10/01/22	10/01/22	0%
4. Wilmington Waterfront Signage Improvements (2538600)	1040	Shimabukuro, Geraldine	Construction	\$600,000	05/01/16	^A 05/01/16	10/31/17	^A 10/31/17	100%	02/01/18	^A 02/01/18	03/31/19	03/31/19	70%
5. Wilmington Waterfront - West End Park Improvements (2543200)	1040	Wooster, Carly	Construction	\$481,000	07/01/17	^A 07/28/17	03/31/18	^A 04/27/18	100%	10/01/18	^A 06/04/18	03/31/19	03/31/19	50%
6. Wilmington Waterfront - Site Characterization Assessments (2545600)	1040	Sun, Pauling	Environmenta	\$560,000	08/02/17	^A 08/02/17	08/02/17	^A 08/02/17	N/A	08/02/17	^A 08/02/17	03/30/20	03/30/20	50%

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
7. Wilmington Waterfront Park - Splash Fountain Methane Alarm Panel Replacement (2553400)	1040	Hazelett, Phil	Bid (Adv.) and Award	\$25,000	12/08/18	^A 12/08/18	12/08/18	^A 12/08/18	N/A	02/10/19	02/10/19	04/30/19	04/30/19	0%
8. Wilmington Youth Sailing and Aquatic Center (2553600)	1040	Low, Bryan	Planning	\$3,100,000	01/18/19	01/18/19	10/14/19	10/14/19	0%	04/14/20	04/14/20	04/11/21	04/11/21	0%
WILMINGTON WATERFRONT DEVELOPMENT TOTAL				\$81,531,000										
LOS ANGELES WATERFRONT TOTAL				\$201,614,094										
Environmental Enhancements														
1. Pacific Harbor Line - Locomotive Electric Charger (2549200)	1002	Hoang, Dac	Construction	\$200,000	03/08/18	^A 03/08/18	07/31/18	^A 07/31/18	100%	08/01/18	^A 08/01/18	08/30/19	08/30/19	70%
ENVIRONMENTAL ENHANCEMENTS TOTAL				\$200,000										
PUBLIC ACCESS/ENVIRONMENTAL ENHANCEMENTS TOTAL				\$209,114,094										
V. Maritime Services														
Harbor Department Facilities														
1. B. 161 - Marine Ways Modifications (2486100)	1029	Han, Edward	Construction	\$3,070,000	03/15/13	^A 03/15/13	12/31/17	^A 12/31/17	100%	07/09/18	^A 07/09/18	07/31/19	01/31/19	95%
2. Harbor Administration Building - HVAC Replacement (2509600)	1003	SooHoo, Ken	Design	\$9,500,000	02/14/14	^A 02/14/14	04/26/19	04/26/19	60%	11/04/19	11/04/19	10/30/20	10/30/20	0%
3. Harbor Administration Building - 4th Floor Work Space Solutions (2517900)	1003	Macias, Emilio	Bid (Adv.) and Award	\$3,667,200	10/01/17	^A 10/01/17	11/30/18	^A 11/30/18	100%	04/01/19	04/01/19	12/20/19	12/20/19	0%
4. Klein Billing and Port Pilot Systems Enhancement (2532400)	1206	Wei, Kelvin	Construction	\$1,618,000	04/01/15	^A 04/01/15	04/01/15	^A 04/01/15	N/A	07/01/15	^A 07/01/15	08/31/20	08/31/20	70%
5. Web-Based Construction Management System (2532900)	1206	Adams, Charles	Completed	\$339,000	09/24/15	^A 09/24/15	08/31/17	^A 09/30/17	100%	09/01/17	^A 10/01/17	02/28/18	^A 03/31/18	100%
6. Harbor Administration Building - IT HVAC Emergency Back Up Unit (2539200)	1003	Smith, Charles	Closed	\$415,445	02/18/16	^A 02/18/16	02/18/16	^A 02/18/16	N/A	05/16/16	^A 05/16/16	03/31/18	^A 03/31/18	100%
7. B. 186 - Banning's Landing HVAC System Upgrade (2541000)	1207	Reeser, Kenneth	Closed	\$289,173	08/01/16	^A 08/01/16	08/01/16	^A 08/01/16	N/A	06/19/17	^A 06/19/17	04/30/18	^A 04/30/18	100%
8. B. 161 - Elevator Modernization (2542500)	1029	Reeser, Kenneth	Construction	\$241,000	01/04/17	^A 01/04/17	01/04/17	^A 01/04/17	100%	12/05/17	^A 12/05/17	02/28/19	02/28/19	80%
9. B. 161 - Installation of Electrical Vehicle Chargers (2544400)	1207	Aboulhosn, Shawki	Completed	\$135,175	04/20/17	^A 04/20/17	05/04/17	^A 05/04/17	100%	05/06/17	^A 05/06/17	02/16/18	^A 03/16/18	100%
10. Harbor Administration Building - New Skylight at Penthouse Roof (2545100)	1002	Reeser, Kenneth	Completed	\$71,392	08/13/17	^A 08/13/17	08/19/17	^A 08/19/17	100%	08/20/17	^A 08/20/17	04/30/18	^A 04/30/18	100%
11. B. 161 - C&M Maintenance Yard Carpenter Shop Remodel (2545200)	1029	Reeser, Kenneth	Completed	\$1,116,019	07/11/17	^A 07/11/17	07/11/17	^A 07/11/17	100%	07/20/17	^A 07/20/17	10/31/18	^A 10/31/18	100%
12. Harbor Administrative Building - Garage Doors Replacement (2545500)	1003	Koerber, Matt	Bid (Adv.) and Award	\$394,000	09/01/17	^A 09/01/17	03/14/18	^A 03/14/18	100%	01/03/19	01/22/19	07/05/19	07/05/19	0%
13. B. 161 - Equipment Operations Building Renovation (2545700)	1207	Reeser, Kenneth	Design	\$1,000,000	10/24/17	^A 10/24/17	02/01/19	02/01/19	99%	02/02/19	02/02/19	02/04/20	02/04/20	0%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Start Projected	Baseline	Finish Projected		Baseline	Start Projected	Baseline	Finish Projected	
14. 272 South Fries Ave - Building Improvements (2545800)	1207	Reeser, Kenneth	Construction	\$800,000	09/02/17	^A 09/02/17	09/02/17	^A 09/02/17	N/A	12/17/17	^A 12/17/17	03/31/19	03/31/19	90%
15. 514 Pier A Street - Soils Lab Interior Upgrades (2546200)	1029	Reeser, Kenneth	Completed	\$73,994	09/16/17	^A 09/16/17	09/16/17	^A 09/16/17	N/A	12/10/17	^A 01/16/18	08/30/18	^A 09/17/18	100%
16. 514 Pier A Street - Soils Lab Elevator Modernization (2546400)	1029	Reeser, Kenneth	Construction	\$150,000	09/16/17	^A 09/16/17	09/16/17	^A 09/16/17	N/A	10/01/18	^A 10/15/18	03/01/19	02/28/19	5%
17. B. 161 - Warehouse Lighting Overhaul (2546800)	1029	Basha, George	Construction	\$170,000	10/15/17	^A 10/15/17	10/15/17	^A 10/15/17	N/A	11/19/17	^A 08/15/18	03/31/19	03/31/19	90%
18. Harbor Administration Building - Exterior Landscaping (2547000)	1003	Wooster, Carly	Construction	\$100,000	10/17/17	^A 10/17/17	11/22/17	^A 12/22/17	100%	11/27/17	^A 03/12/18	01/03/18	05/30/19	40%
19. Harbor Administration Building - 3rd Floor Conference Rooms Upgrades (2547300)	1003	Kuo, Rodger	Completed	\$33,415	11/02/17	^A 12/04/17	12/30/17	^A 01/31/18	100%	01/15/18	^A 02/16/18	04/30/18	^A 09/30/18	100%
20. B. 161 - Electrical Improvement Project - Phase 2 (2548700)	1207	Basha, George	Construction	\$395,000	04/07/18	^A 04/07/18	04/07/18	^A 04/07/18	N/A	06/10/18	^A 08/01/18	01/31/19	01/31/19	95%
21. Harbor Administration Building - Exterior Frame Repair (2549500)	1003	Posadas, John	Bid (Adv.) and Award	\$940,000	04/07/18	^A 04/07/18	11/30/18	^A 12/31/18	100%	01/01/19	02/01/19	09/30/19	09/30/19	0%
22. Pilot Boats Replacement (2549600)	1104	Flinn, David	Bid (Adv.) and Award	\$7,140,000	07/01/18	^A 07/01/18	12/01/18	^A 07/01/18	N/A	02/01/19	02/01/19	04/01/20	04/01/20	0%
23. B. 161 - HVAC/Sheet Metal Shop Reorganization (2549800)	1029	Smith, Charles	Construction	\$40,000	04/02/18	^A 04/02/18	04/02/18	^A 10/15/18	100%	07/01/18	^A 10/26/18	07/30/18	06/30/19	40%
24. B. 68 - Port Pilot Station 1st & 2nd Floor Office Space Reconfiguration (2550000)	1085	Macias, Emilio	Construction	\$39,800	02/28/18	^A 02/28/18	04/16/18	^A 06/15/18	100%	04/23/18	^A 06/22/18	05/22/18	01/31/19	80%
25. Pilot Boat Swing Propulsion (2550200)	1207	Orozco, David	Bid (Adv.) and Award	\$235,000	06/02/18	^A 06/02/18	06/02/18	^A 06/02/18	N/A	11/01/18	02/01/19	05/30/19	05/30/19	0%
26. B. 161 - C&M Yard Wi-Fi Expansion (2550300)	1029	Wooster, Andy	Construction	\$167,000	09/01/18	^A 12/14/18	11/30/18	^A 12/14/18	N/A	12/01/18	^A 12/15/18	06/30/19	06/30/19	5%
27. B. 68 - Port Pilot Station Fire Protection System (2550500)	1207	Hazelett, Phil	Completed	\$259,513	07/15/18	^A 07/15/18	07/21/18	^A 07/21/18	100%	07/22/18	^A 07/22/18	12/31/18	^A 11/01/18	100%
28. Harbor Administration Building - Patio Leak Repair - Phase III (2550700)	1003	Reeser, Kenneth	Construction	\$1,500,000	07/14/18	^A 07/14/18	07/14/18	^A 07/14/18	N/A	10/14/18	^A 10/14/18	01/31/20	01/31/20	5%
29. Harbor Administration Building - 2nd Floor Workspace Solutions (2551000)	1003	Asuncion, Tom	Bid (Adv.) and Award	\$320,000	04/01/18	^A 04/01/18	08/31/18	^A 09/30/18	100%	02/01/19	02/01/19	08/31/19	08/31/19	0%
30. Harbor Administration Building - 5th Floor Workspace Solutions (2551100)	1003	Kuo, Rodger	Bid (Adv.) and Award	\$1,833,500	04/01/18	^A 04/01/18	11/30/18	^A 11/30/18	100%	04/01/19	04/01/19	12/20/19	12/20/19	0%
31. B. 84 - Port Police Marine Office - Two Workstation Installation - Phase II (2551200)	1002	Asuncion, Tom	Construction	\$25,000	07/27/18	^A 07/27/18	08/17/18	^A 08/31/18	100%	08/23/18	^A 11/01/18	09/17/18	02/14/19	1%
32. Harbor Administration Building - Board Hearing Room and Executive Session Room Remodel (2551900)	1003	Low, Bryan	Planning	\$1,485,000	02/03/19	02/03/19	05/01/20	05/01/20	0%	11/03/20	11/03/20	11/03/21	11/03/21	0%
33. Liberty Plaza Parking Lot (2552000)	1003	Aziz, Sarah	Design	\$420,000	11/01/18	^A 11/01/18	08/31/19	08/31/19	5%	12/01/19	12/01/19	03/31/20	03/31/20	0%
34. B. 161 C&M Administration Building - Fall Protection System (2552200)	1029	Hazelett, Phil	Bid (Adv.) and Award	\$55,000	10/06/18	^A 10/06/18	10/06/18	^A 10/06/18	N/A	12/06/18	01/15/19	06/30/19	06/30/19	0%
35. Port of Los Angeles Police Headquarters - Air Conditioning Replacement (2552400)	1181	Smith, Charles	Design	\$1,335,000	01/01/19	^A 01/01/19	03/30/19	03/30/19	1%	07/02/19	07/02/19	01/31/20	01/31/20	0%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
36. B. 161 - C&M Yard Mass Notification System (2553200)	1029	Hazelett, Phil	Construction	\$298,000	12/01/18	A 12/01/18	12/01/18	A 12/01/18	N/A	02/07/19	A 12/02/18	03/31/19	03/31/19	20%
37. 272 S. Fries Ave - Re-pipe Water Supply (2553800)	1002	Reeser, Kenneth	Bid (Adv.) and Award	\$94,000	12/31/18	A 12/31/18	12/31/18	A 12/31/18	N/A	01/31/19	01/31/19	05/31/19	05/31/19	0%
HARBOR DEPARTMENT FACILITIES TOTAL				\$39,765,626										
Miscellaneous Projects														
1. Badger Avenue Bridge Rehabilitation (2525000)	1002	SooHoo, Ken	Completed	\$2,036,000	04/19/14	A 04/19/14	02/24/16	A 02/24/16	100%	09/01/16	A 09/01/16	09/01/17	A 08/28/17	100%
2. B. 84 - Maritime Museum Wharf Rehabilitation (2526200)	1002	Becaria, Lily	Completed	\$2,428,466	06/27/14	A 06/27/14	01/29/16	A 01/29/16	100%	09/19/16	A 09/19/16	12/31/17	A 01/31/18	100%
3. 300 Water Street - Office Building Re-Roof and Cooling Tower Replacement (2528900)	1002	Reeser, Kenneth	Completed	\$940,500	07/10/14	A 07/10/14	07/10/14	A 07/10/14	N/A	03/12/18	A 03/12/18	12/31/18	A 12/31/18	100%
4. Ports O'Call - American Disability Act Compliant Restrooms (2531700)	1002	Grossi, Chris	Completed	\$1,321,567	11/26/14	A 11/26/14	08/30/15	A 08/30/15	100%	09/01/15	A 09/01/15	05/31/18	A 06/30/18	100%
5. B. 85 - Port Police Float System Replacement (2534900)	1002	Becaria, Lily	Planning	\$1,500,000	07/01/15	A 07/01/15	07/01/15	A 07/01/15	N/A	02/01/17	11/01/17	12/24/17	12/24/17	0%
6. B. 72 - Municipal Fish Market - Chiller Unit Electrical Replacement (2540300)	1002	Aboulhosn, Shawki	Completed	\$49,727	06/28/16	A 06/28/16	07/18/16	A 11/03/16	100%	08/02/16	A 01/24/17	08/31/16	A 10/04/18	100%
7. Badger Avenue Bridge Conley Joints Purchase (2541200)	1002	Smith, Charles	Closed	\$422,320	09/15/16	A 09/15/16	09/15/16	A 09/15/16	N/A	11/07/17	A 11/09/17	12/31/18	A 10/29/18	100%
8. Tri-Marine Fish Company Lighting Upgrade (2545000)	1002	Gabriel, Verdy	Closed	\$94,488	06/13/17	A 06/13/17	08/18/17	A 07/25/17	100%	10/02/17	A 10/02/17	11/30/17	A 04/30/18	100%
9. POLA Sidewalk Repair Program - Sidewalk within POLA Facilities (2546300)	1002	Castro, Christian	Construction	\$3,600,000	09/07/17	A 09/07/17	12/31/21	12/31/21	10%	12/01/17	A 06/05/18	06/30/22	06/30/22	5%
10. Cabrillo Way Marina - Water Leak Detection System (2546700)	1091	Hazelett, Phil	Completed	\$172,226	10/14/17	A 10/14/17	10/14/17	A 10/14/17	N/A	02/16/18	A 02/16/18	10/31/18	A 10/31/18	100%
11. B. 155A - Building Improvements (2547100)	1207	Reeser, Kenneth	Construction	\$2,003,575	04/21/18	A 04/21/18	04/21/18	A 04/21/18	N/A	04/22/18	A 04/22/18	12/31/19	12/31/19	45%
12. Vincent Thomas Bridge Air Gap Sensor Electrical Installation (2547600)	1002	Shimabukuro, Geraldine	Closed	\$41,528	12/03/17	A 12/03/17	12/03/17	A 12/03/17	N/A	12/04/17	A 12/04/17	07/01/18	A 05/30/18	100%
13. Cabrillo Way Marina - Electrical Service Meter Separation (2548100)	1091	Hoang, Dac	Construction	\$81,000	12/27/17	A 12/27/17	04/24/18	A 11/16/18	100%	04/26/18	A 11/19/18	07/24/18	02/16/19	15%
14. B. 94 - 147 - Underwharf Pipeline Hangers Replacement (2548500)	1207	Hazelett, Phil	Completed	\$750,000	01/12/18	A 01/12/18	01/12/18	A 01/12/18	N/A	02/23/18	A 02/23/18	10/31/18	A 11/30/18	100%
15. Warehouse No. 1 - Elevator No. 4 Door Replacement (2548600)	1002	Smith, Charles	Bid (Adv.) and Award	\$98,792	02/10/18	A 02/10/18	02/10/18	A 02/10/18	N/A	07/08/18	01/15/19	01/31/19	06/30/19	0%
16. 249 Cannery Street Building Demolition (2548800)	1002	Han, Edward	Design	\$1,378,000	07/01/18	A 07/16/18	12/31/18	01/31/19	80%	07/01/19	03/01/19	12/31/19	12/31/19	0%
17. Cabrillo Way Marina - Gazebo and Sidewalk Repair (2548900)	1091	Wooster, Carly	Completed	\$153,291	11/06/17	A 11/06/17	04/08/18	A 05/08/18	100%	04/10/18	A 05/09/18	02/28/19	A 08/29/18	100%
18. FY 18/19 CIP Deferred Maintenance Projects (2549100)	1207	Cardamone, Janie	Planning	\$747,000	07/01/18	A 07/01/18	06/30/19	06/30/19	N/A	07/01/18	A 07/01/18	06/30/19	06/30/19	N/A
19. B. 51 - Access Improvements (2549300)	1002	Matsumoto, Briella	Construction	\$191,600	05/02/18	A 05/02/18	06/30/18	A 07/30/18	100%	10/01/18	A 10/01/18	12/31/18	01/31/19	100%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
20. B. 263 - Tri-Marine Driveway Paving (2550100)	1002	Brown, James	Completed	\$80,000	05/15/18	A 05/15/18	06/13/18	A 07/16/18	100%	07/14/18	A 08/16/18	11/10/18	A 12/21/18	100%
21. Badger Avenue Bridge Miter Joints Purchase (2550800)	1002	Smith, Charles	Bid (Adv.) and Award	\$313,200	07/12/18	A 07/12/18	07/12/18	A 07/12/18	N/A	11/01/18	02/01/19	12/31/19	12/31/19	0%
22. B. 95 - Catalina Channel Express - Parking Improvements (2550900)	1002	Harne, Melissa	Design	\$250,000	09/10/18	A 09/10/18	03/08/19	03/08/19	2%	07/07/19	07/07/19	11/03/19	11/03/19	0%
23. B. 46 - Potable Water Pier Heads Installation (2551500)	1002	Hazelett, Phil	Construction	\$180,000	09/15/18	A 09/15/18	09/15/18	A 09/15/18	N/A	12/01/18	A 12/01/18	02/28/19	02/28/19	2%
24. Pacific Maritime Association (PMA) Lashing Training Station Project (2551700)	1002	Brown, James	Construction	\$287,000	10/31/18	A 11/07/18	10/31/18	A 11/07/18	N/A	11/01/18	A 11/08/18	02/27/19	02/27/19	20%
25. Cabrillo Beach Floating Dock Replacement (2552700)	1207	Orozco, David	Bid (Adv.) and Award	\$450,000	11/17/18	A 11/17/18	11/17/18	A 11/17/18	N/A	03/01/19	03/01/19	06/30/19	06/30/19	0%
26. B. 46 - 72 - Underwharf Pipeline Hangers Replacement (2553300)	1002	Hazelett, Phil	Planning	\$250,000	02/01/19	02/01/19	02/28/19	02/28/19	N/A	06/01/19	06/01/19	12/31/19	12/31/19	0%
27. 801 Reeves Ave - Fire Alarm Panel Replacement (2553500)	1002	Hazelett, Phil	Bid (Adv.) and Award	\$39,000	12/01/18	A 12/01/18	12/01/18	A 12/01/18	N/A	01/31/19	01/31/19	03/31/19	03/31/19	0%
28. B. 73 - Fender Pile Replacement and Camel Log Placement (2553700)	1002	Orozco, David	Construction	\$1,560,000	12/13/18	A 12/13/18	12/14/18	A 12/14/18	N/A	12/31/18	A 12/31/18	06/30/19	06/30/19	5%
MISCELLANEOUS PROJECTS TOTAL				\$21,419,279										
Unallocated Capital Improvement Program Fund														
1. Unallocated Capital Improvement Program Fund (190000)		Cardamone, Janie	Future	\$295,260,000	01/00/00	07/01/28	01/00/00	07/01/28	N/A	01/00/00	07/01/28	01/00/00	07/01/28	N/A
UNALLOCATED CAPITAL IMPROVEMENT PROGRAM FUND TOTAL				\$295,260,000										
MARITIME SERVICES TOTAL				\$356,444,905										
CIP TOTAL COST				\$2,027,309,557										

EXHIBIT "B"

SCOPE OF WORK

I. Detailed Scope of Services

Harbor Department Engineering Guidelines: Consultant acknowledges receipt, review and understanding of the City's Harbor Department's "Engineering Design Guidelines," and "CAD Manual" ("Guidelines") and shall perform this Scope of Work in accordance with Guidelines.

Task 1 - Project Management and Coordination

Consultant shall provide state-of-the-art project management services throughout the term of the Agreement. This project management effort shall be provided for the following processes: Project initiation, Project planning and scheduling, Project controls, Project execution, and Project administration and closing. Consultant shall deal with issues, including, but not limited to, Project integration, Project scope development, Project management, cost management, quality assurance and control issues, staffing requirements, Project communications, and Project risk management.

Consultant shall initiate, plan, execute, direct, control, and administer the Project by effectively organizing, staffing, directing, integrating, and coordinating the required Project Tasks and Subtasks. These services shall be performed in a professional fashion as per current project management principals, guidelines, and standards promoted by recognized project management organizations and institutions. This task includes the following:

Task 1.A - Project Management Plan

Consultant shall provide a detailed project management plan (PMP) including information on coordination with appropriate agencies to ensure timely completion of the Plans, Specifications (using SpecLink software and submitted in SpecLink format), Estimates (PS&E) packages. This plan shall include a schedule for milestone completion and an hourly breakdown for each task and subtask. The PMP shall be delivered within 30 days of the first Notice to Proceed issued under the Agreement.

Task 1.A - Deliverables

Consultant shall produce the original work product and ten copies or exact reproductions thereof of all deliverables submitted to the City. Deliverables may include, but are not limited to, drawings and/or plans, specifications, estimates, reports, records, reference material, data, charts, documents, renderings, computations, computer tapes or disks, and other items of any type whatsoever, whether in the form of writing, figures, delineation or electronic data prepared or compiled in connection with this Agreement.

1. Drawings produced by Consultant shall conform to the best standards of the profession in which the generator of the drawings practices. Information shall be organized in a logical, systematic manner, using the necessary number of drawings required to maintain clarity and completeness. Drawings and specifications shall fully delineate the work to be done and materials required. Dimensions, diagrams, descriptions, cross sections, and details shall demonstrate adequacy of design for review, permitting, bidding, and construction.
2. Reports shall be prepared on a word processor and hard copy submittals shall be on 8-1/2" X 11" size white paper unless otherwise approved by Engineer. Specifications shall be prepared using SpecLink software and submitted in SpecLink format. Specification hard copy submittals shall be on 8-1/2" X 11" size white paper unless otherwise approved by Engineer. Submittals shall be bound, except any final submittal intended solely for reproduction by City shall be unbound. Pages shall be numbered in the lower margin. Reports shall include a title page and table of contents with lists of exhibits, plates and appendices. Information shall be presented in a clear, logical, and organized manner which will facilitate review by the reader. Reports and studies shall be submitted in draft or preliminary form for review prior to the final submittal. Specifications shall be prepared in conformance with the format of the Construction Specifications Institute, unless Engineer otherwise directs.
3. Unless otherwise directed in writing, Consultant shall submit all deliverables, such as reports, drawings, specifications, designs, calculations, schedules and all work necessary to produce its deliverables, in an electronic format (AutoCad and/or PDF) acceptable to Engineer in addition to the hard copies. Consultant shall assure at the start of Project that its proposed method of electronic submittal to City is consistent with City's computer hardware, networking and software systems, including layering of information and the attachment of data files to the drawings. Pertinent data gathered during the course of the work will be entered into an electronic database (if required) acceptable to Engineer. In conjunction with the submittal of computer-generated calculations, Consultant shall document the appropriateness of the selected software to the task and clearly describe the input/output and default elements of the software and their relation to the Project.
4. Unless Engineer otherwise directs in writing, the drawings are to be electronically generated on a CAD (Computer Aided Drafting) system equal to or compatible by translation with the City's AutoCAD system. To enable drawing elements to be manipulated and translations to be efficient, all CAD-generated drawings shall be developed as dimensionally and geometrically precise models (to three decimal places) of the work depicted. For a CAD system other than AutoCAD, a translated representative sample (one sheet minimum of each discipline) must be included with each submittal. Consultant shall conform to the drafting standards, layering and symbology of City. Consultant will be apprised by City of its layering and symbology requirements prior to the start of work.

5. Signature and record drawing submittals shall be in electronic format as approved by Engineer as well as the original reproducible vellum. Each original drawing sheet shall be stamped and signed by an engineer or architect appropriately licensed to practice in the State of California.

Task 1.B - Suitability of Work and Consultant Cooperation

Consultant shall furnish, in accordance with the agreed upon schedule, a complete, practical, economical design, plans, specifications, and estimates (if such plans and specifications are within the scope of Consultant's work), and related corrections and changes which are best suited for the contemplated construction, and ensure all work is completed in accordance with this Agreement and with sound engineering principles and is signed and sealed by a licensed Professional Engineer and/or Architect, as appropriate. Consultant shall, upon request of the Engineer, provide all calculations, data, charts, and other information of any type whatsoever which support its designs or other work performed pursuant to this Agreement. Consultant may not assert as a basis for refusing to provide such information that it is proprietary. Consultant shall satisfy Engineer that design decisions are based on objective evaluation of the requirements of the facility owner and user, meet site-specific conditions, comply with Project construction cost budget, and minimize long-term operation and maintenance costs. Consultant is aware and agrees that the City has the right to submit the Consultant's work product to independent design reviewers. Consultant agrees to fully cooperate with such reviewers if City determines review is appropriate. Consultant's obligation to cooperate shall include the obligation to respond in an objective professional manner to requests for information, and, if expressly requested by Engineer, to enter into a dialogue with the reviewer regarding the comments of the reviewer on the work

Task 1.C - Quality Assurance/Quality Control Plan

In conjunction with the PMP, the Consultant shall also prepare a quality assurance/quality control plan (QA/QC Plan) for the Project, within 30 days of issuance of the first Notice to Proceed under this Agreement. The QA/QC Plan shall be prepared in accordance with minimum requirements of City's Harbor Department, recognized professional standards, and shall identify procedures for reviewing and checking computations, design drawings and other submittals specific to the design phase for both Consultant and Subconsultants. The plan shall also identify roles and responsibilities for implementing and monitoring quality control and quality assurance. As part of the Consultant's QA/QC Plan, Consultant Senior Staff shall perform independent review of all documents for completeness, technical accuracy, and coordination and code compliance at the end of each work phase prior to submittal of deliverables to Engineer.

Task 1.D - Prepare Project Schedule

Consultant shall develop a computerized critical path method schedule (CPM Schedule) using Microsoft Project. This schedule shall be created in close coordination with the Engineer or Engineer's designee. The initial schedule shall be submitted 30 days after the issuance of the first Notice to Proceed under this Agreement. The schedule shall initially focus on design phase activities, including significant milestones, permits, utility coordination and related Tasks, to allow for effective planning, monitoring and reporting throughout the Project. It shall combine activities related to cost, planning and design,

reviews, delivery, and approvals and shall provide uniform guidance for planning, scheduling, budgeting, and coordination efforts. Updates to the schedule should coincide with the monthly Project Development Team (PDT) Meeting, where reporting shall take place.

Task 1.E - Monthly Progress Status Reports and Schedule Updates

Consultant shall prepare monthly progress reports that include an update to the key milestone delivery schedule and percent completion of each task worked on during that period. Consultant shall maintain the CPM Schedule. The schedule will be reviewed in close coordination with Engineer. Each month a schedule shall be issued for Project progress meetings and other public meetings where Project status and the schedule may be an agenda item. The CPM Schedule shall also be updated each month to show progress.

Task 1.F - Project Development Team (PDT) Meetings

Consultant shall attend monthly PDT meetings with Project stakeholders throughout the term of this Agreement. Consultant's Project Manager shall attend each meeting. It is anticipated that various other members of the Project team, including Subconsultants, shall attend the meetings, as needed. Consultant shall prepare an agenda and distribute meeting minutes, as well as track design contract action items. Monthly progress reports shall be presented and discussed at this meeting.

Task 1.G - Subconsultant Administration

Consultant shall administer all Subconsultants on this Project. All Subconsultant requests for information, questions, clarifications, and invoices shall be processed through the Consultant.

Task 1.H - Meetings, Permits, and Utility Coordination

Consultant shall attend meetings, conferences, hearings and provide drawings, applications and exhibits necessary to obtain all required approvals, plan checks, permits, variances and utility services/modifications for the Project. Consultant shall determine regulatory agency approvals, plan checks, permits and variances necessary for Project's design and construction unless the Engineer otherwise directs in writing. Consultant shall prepare and deliver to Engineer, for review and comment, minutes of all meetings attended within three (3) working days after the meeting, whether or not City is represented at said meetings, if the subject of such meeting is material to design of Project or if Engineer requests such meeting minutes.

NOTE: Project Management and Coordination services and costs are included within all major scope of services Tasks (Tasks 2.0 – 10.0) and so are not broken out separately as Task 1.0.

Task 2 - Geotechnical Engineering Services

Consultant will investigate the soil and subsurface conditions at the project site, and provide geotechnical recommendations for design of the project. The geotechnical work shall include, but not necessarily be limited to the following:

A. Review and Analysis of Existing Information:

1. Collect and review existing geotechnical reports, boring logs and other geotechnical information from adjacent and nearby projects, as well as from previously performed geotechnical work in the Project area.
2. Review and represent the site geology on plan, section, and profiles. Summarize soil parameters as presented in existing data.
3. Inspect site to determine existing site conditions.

B. Field Investigation:

1. Following review of available geotechnical information, Consultant shall develop a geotechnical work plan, including determination of the number of borings, cone penetration tests (CPT) or other data acquisition and testing required for design of the Project.
2. Submit a boring plan indicating the location and depths of all borings and CPTs for approval by Engineer prior to sampling. Boring plan shall indicate substructures in the vicinity of the proposed borings.
3. Detailed planning of field investigation:
 - a. Arrange for and schedule drillers.
 - b. Make preparations for sample handling, transportation, and testing.
 - c. Locate test borings.
 - d. Locate utilities and other onsite interferences and mark location on the ground.
 - e. Obtain necessary permits.
 - f. Schedule field staff.
4. Perform borings and other fieldwork as necessary for the surface and subsurface investigation. As initial surface and subsurface investigation is accomplished and data is reviewed, Consultant shall adjust boring depths, locations, and number of borings and CPTs using prudent engineering judgment and considering subsurface conditions and project requirements and as approved by Engineer. CPT data shall be obtained during borings.
5. Borings in uncontaminated areas shall be backfilled with soil cuttings except CPTs will not be backfilled. Borings and CPTs in contaminated

areas shall be backfilled with grout. Contaminated drilling spoils shall be left on-site in drums for disposal by others.

C. Laboratory Testing:

1. Perform laboratory testing to include, but not necessarily be limited to the following:
 - a. Index testing:
 - i. Moisture content/dry density
 - ii. Specific gravity
 - iii. Atterberg limits
 - iv. Sand equivalent
 - v. Sieve analysis
 - vi. Resistivity
 - b. Consolidation tests with time plot.
 - c. Soil Strength tests:
 - i. Triaxial compression
 - ii. Direct shear
 - iii. Standard penetration test
 - d. R-value or CBR tests.
 - e. Compaction tests.
 - f. Chemical analysis:
 - i. pH
 - ii. sulfates
 - iii. chlorides

D. Prepare Soil Data Report:

1. Prepare narrative summary of the site soil conditions and soil parameters as developed from review of existing data, borings, and laboratory testing.
2. Prepare and draft boring logs using GINT program.
3. Prepare site soil plan, profile, and cross sections.
4. Prepare data report.

E. Geotechnical Analysis:

The geotechnical analysis shall be based on both the currently available geotechnical site information and the results of the new field investigation. The following items shall be addressed by the geotechnical analysis:

1. Provide seismic design requirements and recommendations based on Los Angeles Building Code criteria and considering the significance of the Palos Verdes Fault.
2. Foundation Analysis:
 - a. Develop recommendations for the foundations and/or bedding of structures, including retaining walls, vaults, storm drains and light poles considering local site conditions and recommended seismic requirements.
 - b. Prepare technical report.
3. Pavement Design:
 - a. Develop pavement section for roadway improvements based on adjoining property usage.
 - b. Provide R-values and CBRs of sub-grade for pavement design.
 - c. Prepare technical report.
4. General Grading:
 - a. Provide analyses and recommendations for the following:
 - i. Trench excavation, backfill and shoring
 - ii. Site grading, fill placement and compaction
 - iii. Subgrade preparation for foundations and footings of structures
 - iv. Bedding requirements for utilities and substructures
 - v. Dewatering
5. Corrosive Potential:
 - a. Determine soil corrosion potential and recommend protective measures for utilities and substructures.

F. Final and Draft reports:

The findings, conclusions and recommendations shall be discussed with City as they are developed. Upon completion of the work, Consultant shall submit five copies of the draft report containing the findings, conclusions and recommendations together with the supporting field and laboratory data for review by City. Consultant shall review and address City's comments, and submit ten copies of the final report to City.

G. Plans, Specifications, and Estimates Review:

Consult with designers during Preliminary and Final Designs as necessary to implement recommendations and review project plans, specifications and estimates for conformance with geotechnical recommendations.

Task 2 – Deliverables

- Meeting minutes
- Boring plan
- Obtain necessary permits
- Soil data reports
- Draft and final geotechnical reports

Task 3 - Conceptual Study and Report Phase

After issuance of the first written Notice to Proceed under this Agreement, Consultant shall perform Conceptual Study and Report for the Project. That work shall include but not necessarily be limited to the following:

- A. Visit the site and become familiar with the Project area;
- B. Review available survey, coordinate control information and record plans and use this material to establish site boundaries, locations of existing facilities, utilities (including utilities below grade) and existing grades. Provide a list of additional surveys required, which will be performed by the City's survey forces;
- C. Identify and analyze permits, approvals and requirements of local, state, and federal regulatory agencies, and coordinate with them as necessary for conformance with their requirements, rules and regulations;
- D. Coordinate work with adjacent projects, facilities and improvement;
- E. Develop detailed project design criteria and identify critical issues, opportunities and constraints. Prepare Design Criteria Manual to incorporate results of this work; and
- F. Prepare a report and documentation package presenting the results of the two (2) conceptual studies to clearly present the considerations involved and the alternative solutions available setting forth Consultant's findings, evaluations and recommendations. Document and recommend one preferred plan that best achieves the project design criteria.

Task 3 – Deliverables

- Preliminary Conceptual Study (Design Criteria Manual)
- Final Conceptual Study report
- Architectural exhibits/artist renderings
- Preliminary architectural plans
- Landscaping exhibit(s)
- Mechanical/electrical/ exhibit(s)
- Grading and surfacing exhibit(s)
- Utility and substructure exhibit(s)
- Construction phasing
- Refined design imagery
- Preliminary project construction cost estimates
- Preliminary project design and construction schedules

Task 4 - Preliminary Design Phase (40% Construction Plans)

- A. Upon completion of the conceptual study and report phase, selection of a preferred alternative by City, and issuance of a written Notice to Proceed from the Engineer, or written provisional Notice to Proceed with individual elements, Consultant shall perform the preliminary (40%) design.
- B. Plans shall include typical sections and details and illustrate the architectural, civil, structural, electrical and mechanical design aspects in sufficient detail to cover all matters, which will materially affect the essential features and cost of the Project.
- C. The preliminary design submittal shall include, but not necessarily be limited to, the following for all facilities:
 - 1. Architectural Plans
 - 2. Site plan showing coordination and relationships with overall site development
 - 3. Construction phasing plan
 - 4. Removal plan
 - 5. Substructure plan
 - 6. Civil design
 - 7. Structural design
 - 8. Mechanical/HVAC Design
 - 9. Plumbing design
 - 10. Electrical design
 - 11. Storm drain plans and details
 - 12. Landscape and hardscape design
 - 13. Striping and signage plan
 - 14. Utility plan

15. Site/Area lighting plan
16. Rail plan
17. Outline specifications for each discipline of work
18. Updated project cost estimate and schedule
19. Utility demand estimates
20. Perform all appropriate code coordination and review with applicable local, state, and federal agencies

Task 4 – Deliverables

Deliverables from this phase will provide a general overview of the entire proposed development not necessarily attempting to group the plans by anticipated construction contract sets. The deliverables will include:

- Preliminary architectural plans
- Preliminary site plan
- Preliminary construction phasing plans
- Preliminary removal plan
- Preliminary substructure plan
- Preliminary civil plans
- Preliminary structural plans
- Preliminary mechanical/electrical/plumbing plans
- Preliminary utility plans
- Preliminary landscape and hardscape plan
- Preliminary signing & striping plans
- Preliminary site/area lighting plans
- Preliminary rail plans
- Preliminary construction cost estimate
- Preliminary construction schedule
- Associated reports and analysis work
- Outline of specifications

Task 5 - Eighty-percent Construction Documents (80% DESIGN)

- A. Upon issuance of written Notice(s) to Proceed from the Engineer, proceed with 80% design of Project. This procedure is the same for the Final design.
- B. Preparation of plans, specifications, and estimates in sufficient detail to provide the information necessary for competitive construction contract bidding for Project.
- C. Permits and approvals:
 1. Perform all appropriate code coordination and review with all applicable local, state, and federal agencies.

2. Consultant shall complete applications, including necessary documentation, to obtain all permits and approvals for Project other than those that are required to be obtained by contractor(s). These applications shall be submitted to Engineer for review and approval prior to filing with appropriate agencies.
3. Permits/approvals for this project include but are not necessarily limited to the following:
 - a. City of Los Angeles, Department of Building and Safety
 - b. City of Los Angeles Department of Public Works
 - d. City of Los Angeles Fire Department
 - e. Federal Railroad Administration
 - f. California Public Utilities Commission
4. Changes in the plans, specifications, and estimates, including any changes required by a change in rules, regulations, or laws required to obtain final approval from said agencies shall be made by Consultant.
5. Consultant shall determine and obtain any other permits required by the local, state, and federal agencies for Project.

Task 5 – Deliverables

An 80% version of the following, grouped by contract set, will be provided to the City at the end of this design phase.

- Architectural plans
- Site plan
- Construction phasing plan
- Removal plan
- Substructure plan
- Civil plans
- Structural plans
- Preliminary mechanical/electrical/plumbing plans
- Utility composite plan
- Landscape and hardscape plans
- Signage and striping plans
- Site/area lighting plans
- Rail plans
- Updated construction estimates
- Updated construction schedule
- Associated reports and analysis work

- Calculations
- Specifications

Task 6 - Final Design Documents (100% DESIGN)

- Upon issuance of a written Notice to Proceed from the Engineer, or written provisional Notice to Proceed with individual elements, Consultant shall prepare the Final Design submittal and respond to and incorporate all comments received from the City and City Department of Building and Safety.
- Plans, specifications, and estimates shall be stamped and signed by an architect or engineer appropriately licensed to practice in the State of California.
- Submit to Engineer all construction quantities as well as structural, civil, electrical, mechanical, and any other calculations used in the design of the Project.
- Submit a detailed estimate of the cost based on the bid items and provide a Class "A" estimate.
- Submit a proposed construction schedule in sufficient detail for use by Engineer in evaluating the adequacy of contractor's scheduling submittal.

Task 6 - Deliverables

Final versions of the following contract sets consisting of plans, specifications and estimates are anticipated:

- Architectural plans
- Site plans
- Construction phasing plan
- Removal plan
- Substructure plan
- Civil plans
- Structural plans
- Mechanical/electrical/plumbing plans
- Utility composite plan
- Landscape and hardscape plans
- Signage and striping plans
- Site/area lighting plan
- Rail plans
- Updated construction estimates
- Updated construction schedules
- Associated reports and analysis work

- Calculations
- Specifications

Task 7 - Signature Submittal

- Following review and incorporation of comments of Engineer, original plans, specifications, and estimates, stamped and signed by an engineer or architect appropriately licensed to practice in the State of California, shall be submitted for signature by Engineer.
- The original drawings and two vellums drawings, electronic CAD files, unbound original specification, and two copies of final cost estimate and schedule shall be submitted.
- Submit to Engineer all final construction quantities as well as structural, civil, electrical, mechanical, and any other calculations used in the design of the Project.

Task 7 – Deliverables

- Original drawings
- Unbound original specifications
- Final cost estimate
- Final schedule
- Final quantities and calculations

Task 8 - Bidding Phase

Consultant will provide assistance to the City during the contract(s) advertising and award process to include the following:

- Assistance in pre-qualifying potential bidders
- Attendance at pre-bid meetings
- Reviewing and providing responses to bidder inquiries
- Preparing and issuing addendums as needed.
- Assistance in reviewing bids

Task 9 - Design Services during Construction

Consultant shall provide the following services in support of the City on-site construction management efforts.

A. Office Engineering:

1. Check detailed construction drawings, submittals, shop and erection drawings, and substitutions submitted by the project contractor for compliance with permits and plans, specifications, and estimates.
2. Review specific non-routing laboratory, shop, and mill test reports of materials and equipment as directed by the City.
3. Address requests for information ("RFI's") from the project contractor and Building and Safety inspectors.
4. Prepare record (as-built) drawings on original plans as per the data supplied by the Project contractor via the City's construction manager.

B. Field Engineering:

1. Make periodic visits to the site to observe the work in progress and provide appropriate reports, including attendance at selected weekly progress meetings.
2. Observe and report to the City on any performance test required by the plans and specifications.
3. Attend final inspections of project's completed construction contracts.

C. Structural Observation:

Consultant shall provide qualified personnel for observation of structural systems, for general conformance to the approved plans and specifications in conformance with all applicable codes.

This task includes a limited number of field trips at significant construction stages and at completion of the structural system. The structural systems include the lateral and/or gravity of load paths.

Task 9 - Deliverables

- Responses to RFIs
- Field reports and "punch lists"
- Reviewed shop drawings and submittals

Task 10 - Additional Design Services

The work includes, but is not limited to, technical studies, analysis, conceptual –final designs, and other engineering services as directed by the Engineer that relate to the Project.

KA/LMR:
Ex B – Scope of Work
8439SOW

EXHIBIT C

Form of Directive

Date _____

(Consultant)
(Consultant Address)
(City, State, Zip Code)

Attn: (Project Manager)

SUBJECT: DIRECTIVE NO. _____
PROJECT TITLE _____
AGREEMENT NO. _____

Pursuant to Section 2.2(a) of the subject Agreement No. _____, after receipt of a written Notice to Proceed signed by the Chief Harbor Engineer of the Construction Division, Consultant shall proceed with the following:

Task	Services	Authorized Amount
1	_____	\$_____ (Lump Sum)
2	_____	\$_____ (Not to Exceed)

Consultant shall provide all required tasks, services, and deliverables in accordance with Exhibit "A" to Agreement No. _____.

Consultant shall complete the work within ____ calendar days from the transmittal of a written Notice to Proceed.

When invoicing for the services covered by this Directive, please identify fees for this Directive as follows:

LAHD EWO No. _____	LAHD Job No. _____
LAHD Center No. _____	LAHD Program No. _____
LAHD Account No. _____	

Consultant shall undertake the following MBE/WBE/SBE/DVBE/OBE utilization in connection with its performance of this Directive:

MBE XX%, WBE XX%, SBE XX%, DVBE XX%, OBE XX%, VSBE XX%

Consultant acknowledges that the terms and conditions of Agreement No. _____ govern this Directive and that its signature below reflects its agreement with the terms and conditions of this Directive.

Please sign both original copies of this Directive. Retain one original for your files and return the other executed copy to this office immediately.

If you have any questions, please contact _____ at (310) 732-_____.

Sincerely,

Dave Walsh
Chief Harbor Engineer
Engineering Division

ACCEPTED:

APPROVED:

(Consultant Name)
Consultant

ANTONIO V. GIOIELLO
Deputy Executive Director

Date: _____

Date: _____

Exhibit "D"

Form of Notice to Proceed

(Date)

(Consultant)
(Consultant Address)
(City, State, Zip)

Attention: (Project Manager)

Subject: Notice to Proceed – Directive No. _____
Agreement No. _____
(Project Name)

This is to notify and direct you to commence performance of the subject Directive.
Enclosed is your set of the executed Directive documents.

If you have any questions, please contact _____ at (310) 732-_____.

Very truly yours,

Dave Walsh
Chief Harbor Engineer

Enclosure: Directive No. _____

EXHIBIT E

COMPENSATION

For those items of the Scope of Work for which compensation is payable in fixed fee amounts, payment to the Consultant shall be made in accordance with the compensation schedule as set forth in the project directive, and the percentage of completion of each phase of the Scope of Work, as determined and approved by the Engineer and based upon monthly progress reports submitted by the Consultant. Monthly progress payments shall be equal to the percentage of completion of each phase multiplied by the fixed fee payable for completion of each phase, less amounts previously billed.

For those items of the Scope of Work for which compensation is payable in not-to-exceed amounts, the Consultant shall be paid an hourly fee as defined in Section 5.2 of this Agreement, at the rates set forth in Exhibit "F" and in accordance with the compensation schedule as set forth in the Directive. The Consultant's monthly invoice shall itemize all hours actually worked in performing such services, identifying the personnel and sub-consultant classifications of individuals performing the Directive, and the applicable hourly rates, according to Exhibit "F."

Compensable amounts set forth on (i) an hourly basis, or (ii) on the basis of an estimated Fixed Fee subject to a not-to-exceed maximum, are estimated only. In the event that all necessary services required in any category described above are, in the judgment of the Engineer, fully performed by Consultant at a cost to City which is less than the amounts estimated and authorized hereunder, Engineer may apply the unexpended balance to compensate Consultant for services in any other category for which compensation was underestimated on either of these bases.

A 5% (five percent) mark-up payable to the prime Consultant shall be allowed for work performed by listed Subconsultants. This mark-up shall be considered payment in full for all necessary work performed by the listed Subconsultants.

EXHIBIT F

HOURLY BILLING RATES

Jacobs	
Principal-in-Charge/Principal Project Manager	\$0
Project Manager	\$271.00
Senior Consultant/Technical Advisor	\$247.00
Senior Architect/Landscape/Planner/Engineer	\$200.00
Project Architect/Landscape/Planner/Engineer	\$189.00
Staff Architect/Landscape/Planner/Engineer	\$153.00
Junior Architect/Landscape/Planner/Engineer	\$118.00
Senior CADD/Technician/Editor	\$134.00
Staff CADD/Technician/Editor	\$106.00
Junior CADD/Technician/Editor	\$87.00
Administrative Assistant	\$85.00
*Please note that the above rates are valid for Year 1 of the contract.	

EXHIBIT F

David Engineering, LLC	
Project Manager	\$160.00
Civil Engineering	\$150.00
Environmental Engineer	\$155.00
QISP	\$150.00
Sr. Designer (Upon Request)	\$140.00
Designer (Upon Request)	\$135.00
CADD Operator / Draftsman (Upon Request)	\$110.00
Field Investigation	\$145.00
Clerical Specialist	\$80.00
*Please note that the above rate is for Year 1 of the contract.	

Earth Mechanics, Inc. (EMI)	
Principal/Senior Consultant	\$272.85
Principal Engineer/Geologist	\$238.44
Senior Engineer/Geologist	\$200.79
Senior Project Engineer/Geologist	\$166.28
Project Engineer/Geologist	\$153.73
Senior Staff Engineer/Geologist	\$119.22
Staff Engineer/Geologist	\$106.67
Senior Technician	\$131.77
Technician	\$62.75
Clerical	\$109.81
*Please note that the above rates are for Year 1 of the contract.	

FPL and Associates, Inc.	
Principal-in-Charge	\$245.00
Project Manager	\$234.00
Quality Manager	\$210.00
Senior Design Engineer II	\$204.00
Senior Design Engineer I	\$184.00
Associate Design Engineer	\$145.00
Assistant Design Engineer	\$111.00
*Please note that the above rate is for Year 1 of the contract.	

EXHIBIT F

H3 Engineering Solutions, Inc.

Principle Engineer	\$250.00
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*Please note that the above rate is for Year 1 of the contract.

Intrinsic Engineering, Inc.

Project Manager	\$195.00
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Project Engineer	\$170.00
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Engineer	\$125.00
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Designer / CADD Technician I	\$105.00
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Assistant / Clerical	\$60.00
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*Please note that the above rate is for Year 1 of the contract.

Liftech Consultants, Inc.

Sr. Principal/ Senior Structural Engineer	\$290.00
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Principal/ Senior Structural Engineer	\$245.00
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Principal/ Senior Structural Engineer	\$215.00
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Principal/ Structural Engineer	\$205.00
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Principal/ Senior Engineer	\$205.00
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Senior Engineer	\$205.00
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Senior Structural Engineer	\$190.00
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Structural Engineer	\$185.00
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Project Engineer	\$185.00
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Project Engineer	\$165.00
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Project Engineer	\$152.00
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Senior Structural Drafter	\$145.00
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Project Controls Manager	\$195.00
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Project Controls	\$125.00
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Technical Support	\$115.00
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Technical Support	\$102.00
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Technical Support	\$94.00
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Technical Support	\$96.00
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*Please note that the above rate is for Year 1 of the contract.

EXHIBIT F

MBI Media, Inc.	
Senior Project Manager	\$140.98
Resource Project Manager	\$104.54
Project Manager	\$101.38
Account Coordinator	\$78.86
Graphic Designer	\$110.88
Translator/Interpreter	\$101.38
*Please note that the above rate is for Year 1 of the contract.	

NS Structural Engineering	
Structural Engineer	\$180.00
*Please note that the above rate is for Year 1 of the contract.	

PacRim Engineering, Inc.	
Principal Engineer	\$290.00
Engineering Director	\$290.00
Senior Project Manager	\$258.00
Supervising Engineer	\$258.00
Project Manager	\$240.00
Senior Engineer	\$225.00
Senior Project Engineer	\$185.00
System/Electrical Engineer	\$185.00
Project Engineer	\$175.00
Associate Engineer	\$165.00
Senior Design Engineer	\$155.00
Design Engineer	\$140.00
Senior Designer/CAD Drafter	\$140.00
CAD Designer	\$130.00
CAD Drafter	\$120.00
Project Coordinator	\$90.00
Technical Aide	\$65.00
Project Admin	\$80.00
*Please note that the above rate is for Year 1 of the contract.	

EXHIBIT F

Port Design Partners, Inc.	
Principal	\$269.00
Senior Project Manager	\$251.00
Project Manager III	\$233.00
Project Manager II	\$220.00
Project Manager I	\$206.00
Senior Project Engineer	\$189.00
Project Engineer	\$180.00
Project Designer III	\$135.00
Project Designer II	\$117.00
Project Designer I	\$103.00
CAD Technician III	\$117.00
CAD Technician II	\$108.00
CAD Technician I	\$81.00
Contract Administrator	\$81.00
Project Administrator	\$90.00
Senior Project Assistant	\$76.00
*Please note that the above rate is for Year 1 of the contract.	

Utility Coordinating, Inc.	
Principal Project Manager	\$207.00
Principal Designer	\$148.00
Principal Engineer	\$207.00
Project Engineer	\$195.00
Utility Coordinator	\$185.00
Senior Designer	\$130.00
Drafter	\$80.00
Senior Right of Way Agent	\$175.00
Project Admin Asst.	\$74.00
*Please note that the above rate is for Year 1 of the contract.	

Yunsoo Kim Design, Inc.	
Principal in Charge	\$200.00
Project Designer II	\$110.00
Project Designer I	\$70.00
*Please note that the above rate is for Year 1 of the contract.	

EXHIBIT G

Company Name & Logo
Address

Accounts Payable Section
Harbor Department, City of Los Angeles
P.O. Box 191
San Pedro, CA 90733-0191
Attention: _____

Project Title:
Agreement No.:
Directive No.:

Invoice No.:
Invoice Date:
Invoice Period:
Federal ID No.:
City Business Tax No.:

Consultant Contact:
Telephone:

Task No.	Description	Fee Type	Contract Amount	Authorized Amount	% Comp	Amount Paid to Date	Prior Invoices	Current Invoice	Remaining Balance
1			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
2			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
3			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
4			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
	GRAND TOTAL		\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -

"I certify under penalty of perjury that the above bill is just and correct according to the terms of Agreement No. _____ and that payment has not been received. I further certify that I have complied with the provisions of the City's Living Wage Ordinance."

Project Manager

EXHIBIT H

MONTHLY SUBCONSULTANT MONITORING REPORT

Instructions: Please indicate the SBE/MBE/WBE/OBE/DBE participation levels achieved for the month of _____ covered by the referenced contract number.

Contract No. _____ Division _____ Contractor Administrator _____

Contractor _____ *Group _____ Contract Title/Project _____

Contract Amount _____ Start Date _____ End Date _____

Total Amount Invoiced to Date _____

SBE Mandated Participation Percentage _____ SBE _____ VSBE _____

Proposed Subcontractor Percentage _____ MBE _____ WBE _____ OBE _____ DVBE _____

				PROPOSED		ACTUALS		
	Name of Subcontractor	Type of Work Performed	Group SBE/VSBE/MBE/WBE/OBEDVBE	Original Proposed Amount	Original Proposed Percentage	Amount Paid to Date	Amount Paid to Date Percentage	Contract Amount Percentage
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

Directions:

Original Proposed Percentage: Original Proposed Percentage of Total Contract Amount

Amount Paid to Date Percentage: Percentage of Total Amount Invoiced to Date

Contract Amount Percentage: Percentage Paid to Date of Total Contract Amount

* Group = (SBE/VSBE/MBE/WBE/OBE/DVBE/DBE)

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

Sec. 10.8.4 Affirmative Action Program Provisions.

Every non-construction contract with or on behalf of the City of Los Angeles for which the consideration is \$100,000 or more and every construction contract with or on behalf of the City of Los Angeles for which the consideration is \$5,000 or more shall contain the following provisions which shall be designated as the AFFIRMATIVE ACTION PROGRAM provisions of such contract:

- A. During the performance of City contract, the contractor certifies and represents that the contractor and each subcontractor hereunder will adhere to an affirmative action program to ensure that in its employment practices, persons are employed and employees are treated equally and without regard to or because of race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
 - 1. This provision applies to work or services performed or materials manufactured or assembled in the United States.
 - 2. Nothing in this section shall require or prohibit the establishment of new classifications of employees in any given craft, work or service category.
 - 3. The contractor shall post a copy of Paragraph A hereof in conspicuous places at its place of business available to employees and applicants for employment.
- B. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to their race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
- C. As part of the City's supplier registration process, and/or at the request of the awarding authority or the Office of Contract Compliance, the contractor shall certify on an electronic or hard copy form to be supplied, that the contractor has not discriminated in the performance of City contracts against any employee or applicant for employment on the basis or because of race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
- D. The contractor shall permit access to and may be required to provide certified copies of all of its records pertaining to employment and to its employment practices by the awarding authority or the Office of Contract Compliance, for the purpose of investigation to ascertain compliance with the Affirmative Action Program provisions of City contracts, and on their or either of their request to provide evidence that it has or will comply therewith.

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

- E. The failure of any contractor to comply with the Affirmative Action Program provisions of City contracts may be deemed to be a material breach of contract. Such failure shall only be established upon a finding to that effect by the awarding authority, on the basis of its own investigation or that of the Board of Public Works, Office of Contract Compliance. No such finding shall be made except upon a full and fair hearing after notice and an opportunity to be heard has been given to the contractor.
- F. Upon a finding duly made that the contractor has breached the Affirmative Action Program provisions of a City contract, the contract may be forthwith cancelled, terminated or suspended, in whole or in part, by the awarding authority, and all monies due or to become due hereunder may be forwarded to and retained by the City of Los Angeles. In addition thereto, such breach may be the basis for a determination by the awarding authority or the Board of Public Works that the said contractor is an irresponsible bidder or proposer pursuant to the provisions of Section 371 of the Los Angeles City Charter. In the event of such determination, such contractor shall be disqualified from being awarded a contract with the City of Los Angeles for a period of two years, or until he or she shall establish and carry out a program in conformance with the provisions hereof.
- G. In the event of a finding by the Fair Employment and Housing Commission of the State of California, or the Board of Public Works of the City of Los Angeles, or any court of competent jurisdiction, that the contractor has been guilty of a willful violation of the California Fair Employment and Housing Act, or the Affirmative Action Program provisions of a City contract, there may be deducted from the amount payable to the contractor by the City of Los Angeles under the contract, a penalty of TEN DOLLARS (\$10.00) for each person for each calendar day on which such person was discriminated against in violation of the provisions of a City contract.
- H. Notwithstanding any other provisions of a City contract, the City of Los Angeles shall have any and all other remedies at law or in equity for any breach hereof.
- I. The Public Works Board of Commissioners shall promulgate rules and regulations through the Office of Contract Compliance and provide to the awarding authorities electronic and hard copy forms for the implementation of the Affirmative Action Program provisions of City contracts, and rules and regulations and forms shall, so far as practicable, be similar to those adopted in applicable Federal Executive Orders. No other rules, regulations or forms may be used by an awarding authority of the City to accomplish this contract compliance program.
- J. Nothing contained in City contracts shall be construed in any manner so as to require or permit any act which is prohibited by law.
- K. The Contractor shall submit an Affirmative Action Plan which shall meet the requirements of this chapter at the time it submits its bid or proposal or at the time it

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

registers to do business with the City. The plan shall be subject to approval by the Office of Contract Compliance prior to award of the contract. The awarding authority may also require contractors and suppliers to take part in a pre-registration, pre-bid, pre-proposal, or pre-award conference in order to develop, improve or implement a qualifying Affirmative Action Plan. Affirmative Action Programs developed pursuant to this section shall be effective for a period of twelve

months from the date of approval by the Office of Contract Compliance. In case of prior submission of a plan, the contractor may submit documentation that it has an Affirmative Action Plan approved by the Office of Contract Compliance within the previous twelve months. If the approval is 30 days or less from expiration, the contractor must submit a new Plan to the Office of Contract Compliance and that Plan must be approved before the contract is awarded.

1. Every contract of \$5,000 or more which may provide construction, demolition, renovation, conservation or major maintenance of any kind shall in addition comply with the requirements of Section 10.13 of the Los Angeles Administrative Code.
 2. A contractor may establish and adopt as its own Affirmative Action Plan, by affixing his or her signature thereto, an Affirmative Action Plan prepared and furnished by the Office of Contract Compliance, or it may prepare and submit its own Plan for approval.
- L. The Office of Contract Compliance shall annually supply the awarding authorities of the City with a list of contractors and suppliers who have developed Affirmative Action Programs. For each contractor and supplier the Office of Contract Compliance shall state the date the approval expires. The Office of Contract Compliance shall not withdraw its approval for any Affirmative Action Plan or change the Affirmative Action Plan after the date of contract award for the entire contract term without the mutual agreement of the awarding authority and the contractor.
- M. The Affirmative Action Plan required to be submitted hereunder and the pre-registration, pre-bid, pre-proposal or pre-award conference which may be required by the Board of Public Works, Office of Contract Compliance or the awarding authority shall, without limitation as to the subject or nature of employment activity, be concerned with such employment practices as:
1. Apprenticeship where approved programs are functioning, and other on-the-job training for non-apprenticeable occupations;
 2. Classroom preparation for the job when not apprenticeable;
 3. Pre-apprenticeship education and preparation;

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

4. Upgrading training and opportunities;
 5. Encouraging the use of contractors, subcontractors and suppliers of all racial and ethnic groups, provided, however, that any contract subject to this ordinance shall require the contractor, subcontractor or supplier to provide not less than the prevailing wage, working conditions and practices generally observed in private industries in the contractor's, subcontractor's or supplier's geographical area for such work;
 6. The entry of qualified women, minority and all other journeymen into the industry; and
 7. The provision of needed supplies or job conditions to permit persons with disabilities to be employed, and minimize the impact of any disability.
- N. Any adjustments which may be made in the contractor's or supplier's workforce to achieve the requirements of the City's Affirmative Action Contract Compliance Program in purchasing and construction shall be accomplished by either an increase in the size of the workforce or replacement of those employees who leave the workforce by reason of resignation, retirement or death and not by termination, layoff, demotion or change in grade.
- O. Affirmative Action Agreements resulting from the proposed Affirmative Action Plan or the pre-registration, pre-bid, pre-proposal or pre-award conferences shall not be confidential and may be publicized by the contractor at his or her discretion. Approved Affirmative Action Agreements become the property of the City and may be used at the discretion of the City in its Contract Compliance Affirmative Action Program.
- P. This ordinance shall not confer upon the City of Los Angeles or any Agency, Board or Commission thereof any power not otherwise provided by law to determine the legality of any existing collective bargaining agreement and shall have application only to discriminatory employment practices by contractors or suppliers engaged in the performance of City contracts.
- Q. All contractors subject to the provisions of this section shall include a like provision in all subcontracts awarded for work to be performed under the contract with the City and shall impose the same obligations, including but not limited to filing and reporting obligations, on the subcontractors as are applicable to the contractor. Failure of the contractor to comply with this requirement or to obtain the compliance of its subcontractors with all such obligations shall subject the contractor to the imposition of any and all sanctions allowed by law, including but not limited to termination of the contractor's contract with the City.

EXHIBIT J

SMALL/VERY SMALL BUSINESS ENTERPRISE PROGRAM AND LOCAL BUSINESS PREFERENCE PROGRAM

(1) SMALL/VERY SMALL BUSINESS ENTERPRISE PROGRAM

The City of Los Angeles Harbor Department is committed to creating an environment that provides all individuals and businesses open access to the business opportunities available at the Harbor Department in a manner that reflects the diversity of the City of Los Angeles. The Harbor Department's Small Business Enterprise (SBE) Program was created to provide additional opportunities for small businesses to participate in professional service and construction contracts. An overall Department goal of 25% SBE participation, including 5% Very Small Business Enterprise (VSBE) participation, has been established for the Program. The specific goal or requirement for each contract opportunity may be higher or lower based on the scope of work.

It is the policy of the Harbor Department to solicit participation in the performance of all service contracts by all individuals and businesses, including, but not limited to, SBEs, VSBEs, women-owned business enterprises (WBEs), minority-owned business enterprises (MBEs), and disabled veteran business enterprises (DVBES). The SBE Program allows the Harbor Department to target small business participation, including MBEs, WBEs, and DVBES, more effectively. It is the intent of the Harbor Department to make it easier for small businesses to participate in contracts by providing education and assistance on how to do business with the City, and ensuring that payments to small businesses are processed in a timely manner. **In order to ensure the highest participation of SBE/VSBE/MBE/WBE/DVBES, all proposers shall utilize the City's contracts management and opportunities database, the Los Angeles Business Assistance Virtual Network (LABAVN), at <http://www.labavn.org>, to outreach to potential subcontractors.**

The Harbor Department defines a SBE as an independently owned and operated business that is not dominant in its field and meets criteria set forth by the Small Business Administration in Title 13, Code of Federal Regulations, Part 121. Go to www.sba.gov for more information. The Harbor Department defines a VSBE based on the State of California's Micro-business definition which is 1) a small business that has average annual gross receipts of \$3,500,000 or less within the previous three years, or (2) a small business manufacturer with 25 or fewer employees.

The SBE Program is a results-oriented program, requiring consultants who receive contracts from the Harbor Department to perform outreach and utilize certified small businesses. **Based on the work to be performed, it has been determined that the percentage of small business participation will be __%, including __% VSBE participation.** The North American Industry Classification System (NAICS) Code for the scope of services is _____. This NAICS Code is the industry code that corresponds to at least 51% of the scope of services and will be used to determine the size standard for SBE participation of the Prime Consultant. The maximum SBE size standard for this NAICS Code is \$_ million.

Consultant shall be responsible for determining the SBE status of its subconsultants for purposes of meeting the small business requirement. Subconsultants must qualify as an SBE based on the type of services that they will be performing under the Agreement. All business participation will be determined by the percentage of the total amount of compensation under the agreement paid to SBEs. The Consultant shall not substitute an SBE firm without obtaining prior approval of the City. A request for substitution must be based upon demonstrated good cause. If substitution is permitted, Consultant shall endeavor to make an in-kind substitution for the substituted SBE.

(2) LOCAL BUSINESS PREFERENCE PROGRAM:

The Harbor Department is committed to maximizing opportunities for local and regional businesses, as well as encouraging local and regional businesses to locate and operate within the Southern California region. It is the policy of the Harbor Department to support an increase in local and regional jobs. The Harbor Department's Local Business Preference Program (LBPP) aims to benefit the Southern California region by increasing jobs and expenditures within the local and regional private sector.

The Harbor Department defines a LBE as: **EXHIBIT J**

- (a) A business headquartered within Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties; or
- (b) A business that has at least 50 full-time employees, or 25 full-time employees for specialty marine contracting firms, working in Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties.

In order for Harbor Department staff to determine the appropriate LBE preference, Consultant shall complete, sign, notarize (where applicable) and submit the attached Affidavit and Contractor Description Form. The Affidavit and Contractor Description Form will signify the LBE status of the Consultant and subconsultants. Prior to contract award, the Harbor Department will verify the status of all LBEs.

Consultant shall complete, sign, notarize (where applicable) and submit as part of the executed agreement the attached Affidavit and Contractor Description Form. The Contractor Description Form, when signed, will signify the Consultant's intent to comply with the SBE and LBPP requirements. Prior to contract award, the Harbor Department will verify the status of all SBEs. In addition, prior to being awarded a contract with the Harbor Department, all contractors and subcontractors must be registered on LABAVN.

In the event of Consultant's noncompliance during the performance of the Agreement, Consultant shall be considered in material breach of contract. In addition to any other remedy available to City under this Agreement or by operation of law, the City may withhold invoice payments to Consultant until noncompliance is corrected, and assess the costs of City's audit of books and records of Consultant and its subconsultants. In the event the Consultant falsifies or misrepresents information contained in any form or other willful noncompliance as determined by City, City may disqualify the Consultant from participation in City contracts for a period of up to five (5) years.

EXHIBIT J

AFFIDAVIT OF COMPANY STATUS

"The undersigned declares under penalty of perjury pursuant to the laws of the State of California that the following information and information contained on the attached Consultant Description Form is true and correct and includes all material information necessary to identify and explain the operations of

Jacobs Engineering Group Inc.

Name of Firm

as well as the ownership and location thereof. Further, the undersigned agrees to provide complete and accurate information regarding ownership in the named firm, and all of its domestic and foreign affiliates, any proposed changes of the ownership and to permit the audit and examination of firm ownership documents, and the ownership documents of all of its domestic and foreign affiliates, in association with this agreement."

(1) **Small/Very Small Business Enterprise Program:** Please indicate the ownership of your company. Please check all that apply. At least one box must be checked:

☐ SBE ☐ VSBE ☐ MBE ☐ WBE ☐ DVBE ☒ OBE

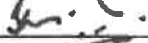
- A Small Business Enterprise (SBE) is an independently owned and operated business that is not dominant in its field and meets criteria set forth by the Small Business Administration in Title 13, Code of Federal Regulations, Part 121.
- A Very Small Business Enterprise (VSBE) is 1) a small business that has average annual gross receipts of \$5,000,000 or less within the previous three years, or (2) a small business manufacturer with 25 or fewer employees.
- A Minority Business Enterprise (MBE) is defined as a business in which a minority owns and controls at least 51% of the business. A Woman Business (WBE) is defined as a business in which a woman owns and controls at least 51% of the business. For the purpose of this project, a minority includes:
 - (1) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin);
 - (2) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish Culture or origin, regardless of race);
 - (3) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, The Indian Subcontinent, or the Pacific Islands); and
 - (4) American Indian or Alaskan Native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).
- A Disabled Veteran Business Enterprise (DVBE) is defined as a business in which a disabled veteran owns at least 51% of the business, and the daily business operations are managed and controlled by one or more disabled veterans.
- An OBE (Other Business Enterprise) is any enterprise that is neither an SBE, VSBE, MBE, WBE, or DVBE.

EXHIBIT J

(2) **Local Business Preference Program:** Please indicate the Local Business Enterprise status of your company. Only one box must be checked:

☒ LBE ☐ Non-LBE

- A Local Business Enterprise (LBE) is: (a) a business headquartered within Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties; or (b) a business that has at least 50 full-time employees, or 25 full-time employees for specialty marine contracting firms, working in Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties. "Headquartered" shall mean that the business physically conducts and manages all of its operations from a location in the above-named counties.
- A Non-LBE is any business that does not meet the definition of a LBE.

Signature: 

Printed Name: Kosal Krishnan

Title: Manager, California Engineering Operations

Date Signed: 3/27/2019

EXHIBIT J

Consultant Description Form

PRIME CONSULTANT:

Contract Title: Port of Los Angeles On-Call Engineering Services
Business Name: Jacobs Engineering Group Inc. LABAVN ID#: 35915
Award Total: \$ TBD
Owner's Ethnicity: N/A Gender N/A Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise: YES X NO _____ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 11.9B
Address: 1000 Wilshire Blvd, Suite 2100
City/State/Zip: Los Angeles/CA/90017-2457
County: Los Angeles
Telephone: (714) 728-1622 FAX: () _____
Contact Person/Title: Kosal Krishnan, Division Vice President
Email Address: Kosal.Krishnan@jacobs.com

SUBCONSULTANT:

Business Name: David Engineering, LLC LABAVN ID#: 78687
Award Total: (% or \$): TBD
Services to be provided: Project Management, Utility, Environmental & Civil Engineering
Owner's Ethnicity: N/A Gender N/A Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise: YES X NO _____ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 500K
Address: 2115 Hawthorne Blvd, Suite 200-95
City/State/Zip: Torrance/CA/90503
County: Los Angeles
Telephone: (800) 704-5509 x 700 FAX: (800) 704-5509
Contact Person/Title: Shawn Coleman, PE/Project Manager
Email Address: scoleman@davidengcorp.com

SUBCONSULTANT:

Business Name: Earth Mechanics, Inc. LABAVN ID#: 285
Award Total: (% or \$): TBD
Services to be provided: Geotechnical/Earthquake Engineering and Laboratory Services
Owner's Ethnicity: Asian Gender Male Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise: YES X NO _____ (Check only one)
Primary NAICS Code: 541330/541380 Average Three Year Gross Revenue: \$ 8.3M
Address: 17800 Newhope St, Suite B
City/State/Zip: Fountain Valley/CA/92708
County: Orange County
Telephone: (714) 751-3826 FAX: (714) 751-3928
Contact Person/Title: Kandiah 'Arul' Arulmoli, PhD, PE, GE/Principal
Email address: arulmoli@earthmech.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: FPL and Associates, Inc. LABAVN ID#: 696

Award Total: (% or \$): TBD

Services to be provided: Traffic and Transportation Engineering Services

Owner's Ethnicity: Asian Gender Male Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO _____ (Check only one)

Primary NAICS Code: 541330/541340 Average Three Year Gross Revenue: \$ 4,251,577

Address: 30 Corporate Park, Suite 401

City/State/Zip: Irvine/CA/92606

County: Orange County

Telephone: (949) 252-1688 FAX: (949) 252-0088

Contact Person/Title: Fong-Ping Lee/President

Email Address: fplee@fplandassociates.com

SUBCONSULTANT:

Business Name: H3 Engineering Solutions, Inc. LABAVN ID#: 97045

Award Total: (% or \$): TBD

Services to be provided: Electrical Engineering, Electrification Infrastructure Design, Highmast Lighting

Owner's Ethnicity: White Gender Male Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO _____ (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 50,000

Address: 2215 Las Lunas Street

City/State/Zip: Pasadena/CA/91107

County: Los Angeles

Telephone: (626) 233-8407 FAX: () _____

Contact Person/Title: Vahik Haddadian/CEO

Email Address: vhaddadian@h3solutions.co

SUBCONSULTANT:

Business Name: Intrinsic Engineering, Inc. LABAVN ID#: 85980

Award Total: (% or \$): TBD

Services to be provided: Electrical Engineering

Owner's Ethnicity: White Gender Male Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO _____ (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 300,000

Address: 2781 W. MacArthur Blvd., Suite B332

City/State/Zip: Santa Ana/CA/92704

County: Orange County

Telephone: (714) 767-4228 FAX: () _____

Contact Person/Title: David Connors/President

Email address: dconnors@intrinsiceng.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Liftech Consulting Inc. LABAVN ID#: 18335

Award Total: (% or \$): TBD

Services to be provided: Crane Loads and Crane-Wharf Interface Structural Engineering Design

Owner's Ethnicity: Varied Gender M&F Group: (SBE) (VSBE) (MBE) (WBE) (DVBE) (OBE) (Circle all that apply)

Local Business Enterprise: YES NO X (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 8,041,570

Address: 344-20th Street, Suite 360

City/State/Zip: Oakland/CA/94612

County: Alameda

Telephone: (510) 832-5606 FAX: ()

Contact Person/Title: Sugiarto Loni/Principal

Email Address: SLoni@Liftech.net

SUBCONSULTANT:

Business Name: MBI Media LABAVN ID#: 3783

Award Total: (% or \$): TBD

Services to be provided: Public Outreach

Owner's Ethnicity: White Gender F Group: (SBE) (VSBE) (MBE) (WBE) (DVBE) (OBE) (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 541820 Average Three Year Gross Revenue: \$ 2,100,000

Address: 957 S. Village Oaks Drive

City/State/Zip: Covina/CA/91724

County: Los Angeles

Telephone: (626) 967-1510 FAX: (626) 967-1718

Contact Person/Title: Dean Owens/Development & Client Services Manager

Email Address: dowens@mbimedia.com

SUBCONSULTANT:

Business Name: NS Structural Engineering LABAVN ID#: 50667

Award Total: (% or \$): TBD

Services to be provided: Structural Engineering

Owner's Ethnicity: Asian/Indian Gender Male Group: (SBE) (VSBE) (MBE) (WBE) (DVBE) (OBE) (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 613,000

Address: 4642 Rockland Pl

City/State/Zip: La Canada/CA/91011

County: Los Angeles

Telephone: (626) 840-2338 FAX: ()

Contact Person/Title: Neal Shah/President

Email address: Neal@ns-se.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: PacRim Engineering, Inc. LABAVN ID#: 24760

Award Total: (% or \$): TBD

Services to be provided: Civil and Structural Engineering

Owner's Ethnicity: Asian Gender Male Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 6,525,241

Address: 3450 Wilshire Blvd., Suite 1118

City/State/Zip: Los Angeles/CA/90010

County: Los Angeles

Telephone: (323) 763-8700 FAX: (714) 683-0470

Contact Person/Title: Roy Kim/Principal

Email Address: rkim@pacrimengineering.com

SUBCONSULTANT:

Business Name: Port Design Partners, Inc. LABAVN ID#: 87452

Award Total: (% or \$): TBD

Services to be provided: Civil and Railroad Engineering Support

Owner's Ethnicity: White Gender Male Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 81,509

Address: 6475 E. Pacific Coast Hwy, Suite 265

City/State/Zip: Long Beach/CA/90803

County: Los Angeles

Telephone: (949) 241-6759 FAX: ()

Contact Person/Title: Nathan deSousa/President

Email Address: nathand@portdp.com

SUBCONSULTANT:

Business Name: Utility Coordinating, Inc. (UtiliCoor) LABAVN ID#: 68404

Award Total: (% or \$): TBD

Services to be provided: Utility Coordinating and Petroleum Facility Coordination

Owner's Ethnicity: White Gender Multi Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES NO X (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 400,000

Address: 8840 Warner Avenue, Suite 101

City/State/Zip: Fountain Valley/CA/92708

County: Orange County

Telephone: (714) 462-8437 FAX: ()

Contact Person/Title: William Johns/Vice President/Project Manager

Email address: bjohns@ulticoor.com

Consultant Description Form

Email address: _____

EXHIBIT K

Sec. 10.8.2.1. Equal Benefits Ordinance.

Discrimination in the provision of employee benefits between employees with domestic partners and employees with spouses results in unequal pay for equal work. Los Angeles law prohibits entities doing business with the City from discriminating in employment practices based on marital status and/or sexual orientation. The City's departments and contracting agents are required to place in all City contracts a provision that the company choosing to do business with the City agrees to comply with the City's nondiscrimination laws.

It is the City's intent, through the contracting practices outlined in this Ordinance, to assure that those companies wanting to do business with the City will equalize the total compensation between similarly situated employees with spouses and with domestic partners. The provisions of this Ordinance are designed to ensure that the City's contractors will maintain a competitive advantage in recruiting and retaining capable employees, thereby improving the quality of the goods and services the City and its people receive, and ensuring protection of the City's property.

(c) Equal Benefits Requirements.

(1) No Awarding Authority of the City shall execute or amend any Contract with any Contractor that discriminates in the provision of Benefits between employees with spouses and employees with Domestic Partners, between spouses of employees and Domestic Partners of employees, and between dependents and family members of spouses and dependents and family members of Domestic Partners.

(2) A Contractor must permit access to, and upon request, must provide certified copies of all of its records pertaining to its Benefits policies and its employment policies and practices to the DAA, for the purpose of investigation or to ascertain compliance with the Equal Benefits Ordinance.

(3) A Contractor must post a copy of the following statement in conspicuous places at its place of business available to employees and applicants for employment: "During the performance of a Contract with the City of Los Angeles, the Contractor will provide equal benefits to its employees with spouses and its employees with domestic partners." The posted statement must also include a City contact telephone number which will be provided each Contractor when the Contract is executed.

(4) A Contractor must not set up or use its contracting entity for the purpose of evading the requirements imposed by the Equal Benefits Ordinance.

EXHIBIT K

(d) Other Options for Compliance. Provided that the Contractor does not discriminate in the provision of Benefits, a Contractor may also comply with the Equal Benefits Ordinance in the following ways:

(1) A Contractor may provide an employee with the Cash Equivalent only if the DAA determines that either:

a. The Contractor has made a reasonable, yet unsuccessful effort to provide Equal Benefits; or

b. Under the circumstances, it would be unreasonable to require the Contractor to provide Benefits to the Domestic Partner (or spouse, if applicable).

(2) Allow each employee to designate a legally domiciled member of the employee's household as being eligible for spousal equivalent Benefits.

(3) Provide Benefits neither to employees' spouses nor to employees' Domestic Partners.

(e) Applicability.

(1) Unless otherwise exempt, a Contractor is subject to and shall comply with all applicable provisions of the Equal Benefits Ordinance.

(2) The requirements of the Equal Benefits Ordinance shall apply to a Contractor's operations as follows:

a. A Contractor's operations located within the City limits, regardless of whether there are employees at those locations performing work on the Contract.

b. A Contractor's operations on real property located outside of the City limits if the property is owned by the City or the City has a right to occupy the property, and if the Contractor's presence at or on that property is connected to a Contract with the City.

c. The Contractor's employees located elsewhere in the United States but outside of the City limits if those employees are performing work on the City Contract.

(3) The requirements of the Equal Benefits Ordinance do not apply to collective bargaining agreements ("CBA") in effect prior to January 1, 2000. The Contractor must agree to propose to its union that the requirements of the Equal Benefits Ordinance be incorporated into its CBA upon amendment, extension, or other modification of a CBA occurring after January 1, 2000.

EXHIBIT K

(f) Mandatory Contract Provisions Pertaining to Equal Benefits. Unless otherwise exempted, every Contract shall contain language that obligates the Contractor to comply with the applicable provisions of the Equal Benefits Ordinance. The language shall include provisions for the following:

(1) During the performance of the Contract, the Contractor certifies and represents that the Contractor will comply with the Equal Benefits Ordinance.

(2) The failure of the Contractor to comply with the Equal Benefits Ordinance will be deemed to be a material breach of the Contract by the Awarding Authority.

(3) If the Contractor fails to comply with the Equal Benefits Ordinance the Awarding Authority may cancel, terminate or suspend the Contract, in whole or in part, and all monies due or to become due under the Contract may be retained by the City. The City may also pursue any and all other remedies at law or in equity for any breach.

(4) Failure to comply with the Equal Benefits Ordinance may be used as evidence against the Contractor in actions taken pursuant to the provisions of Los Angeles Administrative Code Section 10.40, et seq., Contractor Responsibility Ordinance.

(5) If the DAA determines that a Contractor has set up or used its Contracting entity for the purpose of evading the intent of the Equal Benefits Ordinance, the Awarding Authority may terminate the Contract on behalf of the City. Violation of this provision may be used as evidence against the Contractor in actions taken pursuant to the provisions of Los Angeles Administrative Code Section 10.40, et seq., Contractor Responsibility Ordinance.

AGREEMENT NO.
BETWEEN THE CITY OF LOS ANGELES
AND
KPFF, INCORPORATED

THIS AGREEMENT ("Agreement") is made and entered into by and between the CITY OF LOS ANGELES, a municipal corporation ("City") acting by and through its Board of Harbor Commissioners ("Board"), and KPFF, INCORPORATED, a Washington corporation, whose address is 400 Oceangate, Suite 500, Long Beach, CA 90802 (Consultant").

WHEREAS, City requires professional, scientific, expert or technical services of a temporary and occasional character, including as-needed services to support the City's Capital Improvement Program ("CIP") and Maintenance Improvement Program ("MIP") in connection with the project described in Exhibit "A" hereto ("Project"); and

WHEREAS, Consultant is an organization that provides services, including, but not limited to, those services required by the City and, by virtue of training and experience, is well-qualified to provide such services to the City; and

WHEREAS, by reason of the nature and length of the services required by City, it is not economical or feasible for City to have such services performed by its own employees;

NOW, THEREFORE, in consideration of the covenants, terms and conditions hereinafter contained to be kept and performed by the respective parties hereto, it is mutually agreed as follows:

1. Incorporation of Recitals.

1.1 The recitals to this Agreement above are incorporated herein and made a part hereof.

2. Services To Be Performed By Consultant.

2.1 All of the services Consultant shall perform for City are set forth in Exhibit "B" hereto and hereinafter shall be referred to as "Scope of Work." Among other things, Exhibit "B" breaks down the Scope of Work into individual tasks and, in some cases, further breaks down such tasks into subtasks, which hereinafter shall be referred to generically as "Tasks" and "Subtasks." The aggregate of all Tasks and, as applicable, Subtasks, comprises the Scope of Work.

2.2 Consultant's performance of Tasks and, as applicable, Subtasks shall occur as follows:

a. The Chief Harbor Engineer of the Engineering Division of City's Harbor Department ("Engineer") shall issue a written document in the form

attached hereto as Exhibit "C" that has been signed by the Deputy Executive Director of Development for the City's Harbor Department and that specifies, without limitation: the Task or Subtask to be performed; the specific services required in connection with such Task or Subtask; the deliverables required in the performance of such Task or Subtask; the schedule for the performance of such Task or Subtask; authorized personnel who may perform the Task or Subtask; authorized compensation for such Task or Subtask; and MBE/WBE/SBE/VSBE/DVBE/OBE utilization ("Directive"). Directives shall specifically identify any services that fall within the meaning of "design professional services" as defined by Section 2782.8 of the California Civil Code to which the indemnity obligation set forth at Section 9.2 of this Agreement shall apply. A Directive's failure to identify such "design professional services" shall bar application of Section 9.2 to that Directive.

b. Consultant, to reflect its agreement with all the terms of such Directive, shall sign, date and return such Directive to Engineer.

c. Following Engineer's receipt of the Directive signed by Consultant, Engineer shall issue a written document in the form attached hereto as Exhibit "D" that has been signed by Engineer and that authorizes Consultant to commence performance of the services contemplated by such Directive ("Notice to Proceed").

2.3 Consultant acknowledges and agrees that it lacks authority to perform and that Engineer lacks authority to request the performance of any services outside the Scope of Work. Consultant further acknowledges and agrees that any services it performs outside the Scope of Work or a Directive, or in the absence of both a Directive and a Notice to Proceed, are performed as a volunteer and shall not be compensable under this Agreement.

2.4 The Scope of Work shall be performed by personnel qualified and competent in the sole reasonable discretion of Engineer, whether performance is undertaken by Consultant or third-parties with whom Consultant has contracted and whom are listed on Exhibit "J" on the effective date of this Agreement, or whom Engineer may subsequently approve in writing ("Subconsultants"). Obligations of this Agreement, whether undertaken by Consultant or Subconsultants, are and shall be the responsibility of Consultant. Consultant acknowledges and agrees that this Agreement creates no rights in Subconsultants with respect to City and that obligations that may be owed to Subconsultants, including, but not limited to, the obligation to pay Subconsultants for services performed, are those of Consultant alone. Upon Engineer's written request, Consultant shall supply City's Harbor Department with all agreements between it and its Subconsultants.

2.5 Consultant's performance of the Scope of Work shall adhere in all respects to the schedule set forth in a Directive.

2.6 Consultant, at its sole cost and expense, shall furnish all services, materials, equipment, subsistence, transportation and all other items necessary to perform the Scope of Work. As between City and Consultant, Consultant is solely responsible for any taxes or fees which may be assessed against it or its employees resulting from performance of the Scope of Work, whether social security, payroll or

other, and regardless of whether assessed by the federal government, any state, the City, or any other governmental entity. City shall pay applicable state or local fees necessary to obtain approval, plan checks, permits and variances for the Project.

2.7 Engineer shall resolve in his or her sole reasonable discretion any issues or questions which may arise during the term of this Agreement as to the quality or acceptability of Consultant's performance of the Scope of Work, the manner of performance, the interpretation of direction given to Consultant, the acceptable completion of a Directive, and the amount of compensation due. Upon written notice from Engineer, Consultant shall assign replacement personnel and/or shall remedy any deficient services or work product to Engineer's reasonable satisfaction and at Consultant's sole cost and expense. Compliance with the requirements of this Section 2.7 is a condition to payment by City of compensation to Consultant pursuant to this Agreement.

2.8 Consultant's representative responsible for administering this Agreement, Chris Mansour, P.E. ("Project Manager"), shall not be changed without Engineer's written approval. Engineer may, for any reason in his or her sole reasonable discretion, require Consultant to substitute a new Project Manager. If City requests such a substitution, the substitute Project Manager shall expend whatever time and costs necessary to become familiar with the Project and any portions of the Scope of Work already performed at Consultant's sole cost and expense.

2.9 If the law requires Consultant, in performing the Scope of Work, to follow a different standard of care than the ordinary standard of care applied to a reasonable person, Consultant shall perform such services with the degree of diligence, skill, judgment, and care applicable to Consultant's profession ("professional standard"). Consultants not required to follow a professional standard shall exercise the degree of care required of ordinary persons.

2.10 For portions of the Scope of Work to be performed on a time and material basis, Consultant shall assign personnel, whether employees or Subconsultants, with the lowest applicable hourly rate who are fully competent to provide the services required. If Consultant finds it necessary to have any portion of the Scope of Work, which this Section 2.10 would require to be performed by personnel at a lower rate, to be performed by personnel at a higher rate, Consultant shall, nevertheless, invoice City at the lower rate.

2.11 Consultant shall promptly consider and implement, to the reasonable satisfaction of Engineer, any written comments of Engineer.

2.12 Consultant shall review information provided by City's Harbor Department, whether in the form of drawings, documents, and/or written or verbal comments, excluding survey data. Any such information reasonably believed by Consultant to be inaccurate, incomplete or inapplicable shall be brought promptly to the attention of Engineer in writing.

2.13 Consultant shall perform the Scope of Work as expeditiously as possible and at the time or times required by the Engineer. Time is of the essence in the performance of the Scope of Work. Consultant's failure to conform to any schedule set

forth in a Directive shall entitle City to have services completed by others, shall obligate Consultant to pay City's cost to undertake completion of such services, and shall authorize City to withhold such amounts from any payments otherwise due to Consultant. Consultant's failure to timely perform in accordance with the schedule set forth in a Directive shall result in economic losses to the City, including, but not limited to, the timely bidding and awarding of contracts, completion of the Project and the use of the Project by City's Harbor Department, its tenants and the public.

3. Services To Be Performed By City.

3.1 City's Harbor Department shall provide Consultant with available and/or necessary horizontal and vertical survey data in the form of field notes or electronic format as maintained by City's Harbor Department, access to public records, prints of existing aerial photos, existing planimetric maps, environmental documents, existing oceanographic studies and existing soil reports in the vicinity, previous specifications and other information which, in the sole reasonable discretion of Engineer, shall assist in completing the Scope of Work.

3.2 City's Harbor Department shall provide all necessary copies and prints of final plans, specifications and estimates for bid advertisement and construction.

3.3 City's Harbor Department shall provide survey, construction inspection, construction contract administration and soil compaction-testing services unless the Scope of Work provides otherwise.

3.4 Consultant shall provide Engineer with reasonable advance written notice if it requires access to the Project area or any other premises of City's Harbor Department. Subsequent access rights, if any, shall be granted to Consultant at the sole reasonable discretion of Engineer, specifying conditions Consultant must satisfy in connection with such access. Consultant acknowledges that the Project area may be occupied or used by tenants or contractors of City and that access rights granted by City's Harbor Department to Consultant shall be consistent with any such occupancy or use.

3.5 City shall not be obligated to provide information and/or services except as specified in this Agreement.

4. Effective Date and Term.

4.1 After approval by City in accordance with Section 245 of City's Charter, the effective date of this Agreement shall be the date of its execution by City's Harbor Department Executive Director ("Executive Director"). Consultant acknowledges that Section 245 of City's Charter furnishes to the City Council of City ("Council") the right to review this Agreement and that this Agreement shall not become effective until after the expiration of the fifth Council meeting day after approval of this Agreement by Board, or the date of Council's approval of the Agreement.

4.2 The term of this Agreement shall not exceed three (3) years, commencing on the Agreement's effective date. This Agreement shall be in full force and effect until:

a. Engineer determines that Consultant has completed the Scope of Work and provides Consultant written notice thereof; or

b. Board, in its sole discretion, terminates this Agreement, which termination shall become effective five (5) calendar days following Executive Director's transmittal of written notice advising Consultant of such action by Board. Upon receipt of such written notice, Consultant shall cease the performance of the Scope of Work. Consultant shall be entitled to compensation only for services actually performed prior to such termination. Engineer, in his or her sole reasonable discretion, shall determine the amount of services actually performed and shall allocate a portion of the total compensation due Consultant accordingly. If Board so terminates this Agreement, Consultant shall deliver all drawings, specifications, plans, reports, studies, calculations, estimates, documents and other work product produced pursuant to this Agreement to City in an organized, usable form with all items properly labeled to the degree of detail specified by the Engineer. No compensation shall be due Consultant until it complies with the requirements of this paragraph; or

c. Three (3) years have elapsed from the effective date of the Agreement.

4.3. Notwithstanding the foregoing, this Agreement is subject to the provisions of City's Charter which, among other things, precludes City from making any expenditure of funds or incurring any liability, including contractual commitments, in excess of the amount appropriated therefor. Board, in awarding this Agreement, is expected to appropriate sufficient funds to meet the estimated expenditure of funds through June 30 of the current fiscal year and to make further appropriations in each succeeding fiscal year during the life of the Agreement. However, Board is under no legal obligation to do so. City, its boards, officers, and employees are not bound by the terms of this Agreement or obligated to make payment thereunder in any fiscal year in which the Board does not appropriate funds therefor. Consultant is not entitled to any compensation in any fiscal year in which funds have not been appropriated for the Agreement by Board.

Although Consultant is not obligated to perform any services required by the Scope of Work in any fiscal year in which no appropriation for the Agreement has been made, Consultant shall resume performance of the Scope of Work on the same terms and conditions for a period of sixty (60) days after the end of the fiscal year if an appropriation therefor is approved by Board within that sixty (60)-day period. Consultant is responsible for maintaining all insurance and bonds during this sixty (60)-day period. The time for performance shall be extended during this period until the appropriation is made; however, such extension of time is not compensable.

If in any subsequent fiscal year funds are not appropriated by Board for this Agreement, this Agreement shall be terminated. However, such termination shall not

relieve the parties of liability for any obligation previously incurred.

5. Compensation.

5.1 For the full and satisfactory performance of the Scope of Work, City shall pay Consultant and Consultant shall accept a sum not to exceed Three Million Dollars (\$3,000,000) to be paid as specified in Exhibit "E." If Exhibit "E" allocates a specific amount to the performance of a Task or Subtask and if, following the completion of such Task or Subtask, unexpended sums remain in relation to such specific amount, Executive Director may, upon written notice to Consultant, allocate such unexpended sums to the performance of a subsequent Task or Subtask.

5.2 Compensation payable under this Agreement includes payment for all labor, travel, per diem, fringe benefits, general and administrative expenses, overhead, profit, materials, supplies, transportation, and all other direct and indirect costs and expenses incurred by Consultant ("Expenses"). As such, Consultant shall not be entitled to separate reimbursement of Expenses under this Agreement. No markups or premiums shall be applied to services performed by Subconsultants unless Exhibit "E" expressly so allows. Compensation payable under this Agreement shall be on a (1) fixed fee, (2) hourly, or (3) combined fixed fee and hourly basis in accordance with the terms below, as may be more particularly specified in Exhibit "E" and Exhibit "F."

a. Fixed Fee. Lump sum compensation for satisfactory performance of Tasks as may be identified as "Lump Sum" in Exhibit "E."

b. Hourly Fee. An amount equal to the product of the hours expended by Consultant and the applicable hourly rates set forth in Exhibit "F" for time actually spent in the performance of Tasks as may be identified as "Not-to-Exceed" in Exhibit "E." The rates identified in Exhibit "F" state the maximum rates Consultant shall charge under this Agreement. No premium rates, including, but not limited to, overtime or hazardous duty premiums, shall be charged.

5.3 If the term of this Agreement exceeds one (1) year and if Executive Director so consents in writing, Consultant may increase the rates set forth in Exhibit "F" after each twelve (12) months of service as long as such increases (a) are equal to or lower than the rates Consultant charges to other municipal or governmental entities and (b) represent an increase of no more than three percent (3%) over the rates charged during the prior twelve (12) month period. Such increases in rates, if any, shall not result in increases of the amount of total compensation payable under this Agreement set forth in Section 5.1. In the event of any such rate increase, Exhibit "F" shall be revised, replaced and renumbered as Exhibit "F-1," Exhibit "F-2," etc., as applicable.

5.4 Each month during the term of this Agreement, as a prerequisite to payment for services, Consultant shall submit a written invoice to City's Harbor Department for services performed during the prior month, accompanied by such records and receipts as may be specifically required in Exhibit "E." Each such invoice shall bear a City Business Tax Registration Number and a Taxpayer Identification

Number. Each invoice shall identify all services performed by Subconsultants. If payments are to be based on the performance of established milestones, Consultant shall bill as each milestone is completed, but not more often than once a month.

Consultant shall submit one (1) original and four (4) copies of each such invoice for payment in the format that contains the information specified in Exhibit "G" and that includes the following certification:

"I certify under penalty of perjury that the above bill is just and correct according to the terms of Agreement No. _____ and that payment has not been received. I further certify that I have complied with the provisions of the City's Living Wage Ordinance.

(signed)

5.5 Consultant shall submit supporting documents with each invoice as may be set forth in a Directive. Such documents may include, but are not limited to, provider invoices, payrolls, and time sheets.

5.6 If Consultant utilizes Subconsultants to perform aspects of the Scope of Work, Consultant shall submit to City, with each monthly invoice, a Monthly Subconsultant Monitoring Report in the form attached hereto as Exhibit "H." Consultant shall provide an explanation for any item that does not meet or exceed the participation levels required by a particular Directive, with specific plans and recommendations for improved subconsultant utilization. Invoices will not be paid without a completed Monthly Subconsultant Monitoring Report form. Consultant is not required to submit support for direct costs items of \$25 or less.

5.7 All sums due and payable to Consultant shall be paid as soon as, in the ordinary course of City business, the same may be reviewed and approved. City shall use all reasonable effort to pay said sums within sixty (60) days of receipt of each statement.

For payment and processing, all invoices shall be mailed to the following address:

Accounts Payable Section
Harbor Department, City of Los Angeles
P.O. Box 191
San Pedro, CA 90733-0191

6. Recordkeeping and Audit Rights.

6.1 Consultant shall keep and maintain full, complete and accurate books of accounts and records of the services performed under this Agreement in accordance with generally accepted accounting principles consistently applied, which books and records shall be readily accessible to and open for inspection and copying at the

premises by City, its auditors or other authorized representatives. Notwithstanding any other provision of this Agreement, failure to do so shall constitute a conclusive waiver of any right to compensation for such services as are otherwise compensable hereunder. Such books and records shall be maintained by Consultant for a period of three (3) years after completion of services to be performed under this Agreement or until all disputes, appeals, litigation or claims arising from this Agreement have been resolved.

6.2 During the term of this Agreement, City may audit, review and copy any and all writings (as that term is defined in Section 250 of the California Evidence Code) of Consultant and Subconsultants arising from or related to this Agreement or performance of the Scope of Work, whether such writings are (a) in final form or not, (b) prepared by Consultant, Subconsultants or any individual or entity acting for or on behalf of Consultant or a Subconsultant, and (c) without regard to whether such writings have previously been provided to City. Consultant shall be responsible for obtaining access to and providing writings of Subconsultants. Consultant shall provide City at Consultant's sole cost and expense a copy of all such writings within fourteen (14) calendar days of a written request by City. City's right shall also include inspection at reasonable times of the Consultant's office or facilities which are engaged in the performance of the Scope of Work. Consultant shall, at no cost to City, furnish reasonable facilities and assistance for such review and audit. Consultant's failure to comply with this Section 6.2 shall constitute a material breach of this Agreement and shall entitle City to withhold any payment due under this Agreement until such breach is cured.

7. Consultant Is An Independent Contractor.

Consultant, in the performance of the Scope of Work, is an independent contractor and not an agent or employee of City. Consultant shall not represent itself as an agent or employee of the City and shall have no power to bind the City in contract or otherwise.

8. Business Tax Registration Certificate.

City's Office of Finance requires the implementation and enforcement of Los Angeles Municipal Code Section 21.09 et seq. This section provides that every person, other than a municipal employee, who engages in any business within City, is required to obtain the necessary Business Tax Registration Certificate and pay business taxes. The City Controller has determined that this Code Section applies to consulting firms that are doing work for City's Harbor Department. See <https://finance.lacity.org/how-register-btrc>.

9. Indemnification.

9.1 Indemnification

Except for the sole negligence or willful misconduct of the City, or any of its Boards, Officers, Agents, Employees, Assigns and Successors in Interest, Consultant undertakes and agrees to defend, indemnify and hold harmless the City and any of its

Boards, Officers, Agents, Employees, Assigns, and Successors in Interest from and against all suits and causes of action, claims, losses, demands and expenses, including, but not limited to, attorney's fees (both in house and outside counsel) and cost of litigation (including all actual litigation costs incurred by the City, including but not limited to, costs of experts and consultants), damages or liability of any nature whatsoever, for death or injury to any person, including Consultant's employees and agents, or damage or destruction of any property of either party hereto or of third parties, arising in any manner by reason of the negligent acts, errors, omissions or willful misconduct incident to the performance of this Agreement by Consultant or its subcontractors of any tier. Rights and remedies available to the City under this provision are cumulative of those provided for elsewhere in this Agreement and those allowed under the laws of the United States, the State of California, and the City.

9.2 Indemnification for Design Professional Services

To the fullest extent permitted by law (including without limitation, Section 2782.8 of the California Civil Code), when the services to be provided under this Agreement are design professional services to be performed by a design professional, as that term is defined under said Section 2782.8, Consultant shall indemnify, protect, defend and hold harmless City and any and all of its boards, officers, agents, or employees from and against all claims, charges, demands, costs, expenses (including counsel fees), judgments, civil fines and penalties, liabilities or losses of any kind or nature whatsoever which may be sustained or suffered by or secured against the City, its boards, officers, agents, and/or employees that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of Consultant, or the acts or omissions of an officer, employee, agent or Subconsultant, excepting only liability resulting from the negligence or willful misconduct of City.

10. Insurance.

10.1 Insurance procured by Consultant on Behalf of Consultant

In addition to and not as a substitute for, or limitation of, any of the indemnity obligations imposed by Section 9, Consultant shall procure and maintain at its sole cost and expense and keep in force at all times during the term of this Agreement the following insurance:

(a) Commercial General Liability Insurance

Commercial general liability insurance covering personal and advertising injury, bodily injury, and property damage providing contractual liability, independent contractors, products and completed operations, and premises/operations coverage written by an insurance company authorized to do business in the State of California rated VII, A- or better in Best's Insurance Guide (or an alternate guide acceptable to City if Best's is not available) within Consultant's normal limits of liability but not less than One Million Dollars (\$1,000,000) combined single limit for injury or claim. Said limits shall provide first dollar coverage except that Executive Director may permit a self-insured retention or self-insurance in those cases where, in his or her judgment, such

retention or self-insurance is justified by the net worth of Consultant. The retention or self-insurance provided shall provide that any other insurance maintained by the Harbor Department shall be excess of Consultant's insurance and shall not contribute to it. In all cases, regardless of any deductible or retention, said insurance shall contain a defense of suits provision and a severability of interest clause. Each policy shall name the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds.

(b) Automobile Liability Insurance

Automobile liability insurance written by an insurance company authorized to do business in the State of California rated VII, A- or better in Best's Insurance Guide (or an alternate guide acceptable to City if Best's is not available) within Consultant's normal limits of liability but not less than One Million Dollars (\$1,000,000) covering damages, injuries or death resulting from each accident or claim arising out of any one claim or accident. Said insurance shall protect against claims arising from actions or operations of the insured, or by its employees. Coverage shall contain a defense of suits provision and a severability of interest clause. Each policy shall name the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds.

(c) Workers' Compensation and Employer's Liability

Consultant shall certify that it is aware of the provisions of Section 3700 of the California Labor code which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and that Consultant shall comply with such provisions before commencing the performance of the tasks under this Agreement. Coverage for claims under U.S. Longshore and Harbor Workers' Compensation Act, if required under applicable law, shall be included. Consultant shall submit Workers' Compensation policies whether underwritten by the state insurance fund or private carrier, which provide that the public or private carrier waives its right of subrogation against the City in any circumstance in which it is alleged that actions or omissions of the City contributed to the accident. Such Worker's Compensation and occupational disease requirements shall include coverage for all employees of Consultant, and for all employees of any subcontractor or other vendor retained by Consultant.

(d) Professional Liability Insurance

Consultant is required to provide Professional Liability insurance with respect to negligent or wrongful acts, errors or omissions, or failure to render services in connection with the professional services to be provided under this Agreement. This insurance shall protect against claims arising from professional services of the insured, or by its employees, agents, or contractors, and include coverage (or no exclusion) for contractual liability.

Consultant certifies that it now has professional liability insurance in the amount of Five Million Dollars (\$5,000,000), which covers work to be performed pursuant to this Agreement and that it will keep such insurance or its equivalent in effect at all times

during performance of said Agreement and until two (2) years following acceptance of the completed project by Board.

10.2 Insurance Procured by Consultant on Behalf of City

In addition to and not as a substitute for, or limitation of, any of the indemnity obligations imposed by Section 9, and where Consultant is required to name the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds on any insurance policy required by this Agreement, Consultant shall cause City to be named as an additional insured on all policies it procures in connection with this Section 10. Consultant shall cause such additional insured status to be reflected in the original policy or by additional insured endorsement (CG 2010 or equivalent) substantially as follows:

"Notwithstanding any inconsistent statement in the policy to which this endorsement is attached, or any endorsement or certificate now or hereafter attached hereto, it is agreed that City, Board, their officers, agents and employees, are additional insureds hereunder, and that coverage is provided for all contractual obligations, operations, uses, occupations, acts and activities of the insured under Agreement No. ____, and under any amendments, modifications, extensions or renewals of said Agreement regardless of where such contractual obligations, operations, uses, occupations, acts and activities occur.

"The policy to which this endorsement is attached shall provide a 10-days notice of cancellation for nonpayment of premium, and a 30-days notice of cancellation for any other reasons to the Risk Manager.

"The coverage provided by the policy to which this endorsement is attached is primary coverage and any other insurance carried by City is excess coverage;

"In the event of one of the named insured's incurring liability to any other of the named insureds, this policy shall provide protection for each named insured against whom claim is or may be made, including claims by other named insureds, in the same manner as if separate policies had been issued to each named insured. Nothing contained herein shall operate to increase the company's limit of liability; and

"Notice of occurrences or claims under the policy shall be made to the Risk Manager of City's Harbor Department with copies to the City Attorney's Office."

10.3 Required Features of Coverages

Insurance procured by Consultant in connection with this Section 10 shall include the following features:

(a) Acceptable Evidence and Approval of Insurance

Electronic submission is the required method of submitting Consultant's insurance documents. Consultant's insurance broker or agent shall register with the City's online insurance compliance system **KwikComply** at <https://kwikcomply.org/> and

submit the appropriate proof of insurance on Consultant's behalf.

Upon request by City, Consultant shall furnish a copy of the binder of insurance and/or a full certified policy for any insurance policy required herein. This obligation is intended to, and shall, survive the expiration or earlier termination of this Agreement.

(b) Carrier Requirements

All insurance which Consultant is required to provide pursuant to this Agreement shall be placed with insurance carriers authorized to do business in the State of California and which are rated A-, VII or better in Best's Insurance Guide. Carriers without a Best's rating shall meet comparable standards in another rating service acceptable to City.

(c) Notice of Cancellation

For each insurance policy described above, Consultant shall give a 10-day prior notice of cancellation or reduction in coverage for nonpayment of premium, and a 30-day prior notice of cancellation or reduction in coverage for any other reason, by written notice via registered mail and addressed to the City of Los Angeles Harbor Department, Attn: Risk Manager and the City Attorney's Office, 425 S. Palos Verdes Street, San Pedro, California 90731.

(d) Modification of Coverage

Executive Director, at his or her sole reasonable discretion, based upon recommendation of independent insurance consultants to City, may increase or decrease amounts and types of insurance coverage required hereunder at any time during the term hereof by giving ninety (90) days' prior written notice to Consultant.

(e) Renewal of Policies

At least thirty (30) days prior to the expiration of any policy required by this Agreement, Consultant shall renew or extend such policy in accordance with the requirements of this Agreement and direct their insurance broker or agent to submit to the City's online insurance compliance system **KwikComply** at <https://kwikcomply.org/> a renewal endorsement or renewal certificate or, if new insurance has been obtained, evidence of insurance as specified above. If Consultant neglects or fails to secure or maintain the insurance required above, Executive Director may, at his or her own option but without any obligation, obtain such insurance to protect City's interests. The cost of such insurance shall be deducted from the next payment due Consultant.

10.4 Right to Self-Insure

Upon written approval by the Executive Director, Consultant may self-insure if the following conditions are met:

1. Consultant has a formal self-insurance program in place prior to execution of this Agreement. If a corporation, Consultant must

have a formal resolution of its board of directors authorizing self-insurance.

2. Consultant agrees to protect the City, its boards, officers, agents and employees at the same level as would be provided by full insurance with respect to types of coverage and minimum limits of liability required by this Agreement.
3. Consultant agrees to defend the City, its boards, officers, agents and employees in any lawsuit that would otherwise be defended by an insurance carrier.
4. Consultant agrees that any insurance carried by Department is excess of Consultant's self-insurance and will not contribute to it.
5. Consultant provides the name and address of its claims administrator.
6. Consultant submits its most recently filed 10-Q and its 10-K or audited annual financial statements for the three most recent fiscal years prior to Executive Director's consideration of approval of self-insurance and annually thereafter.
7. Consultant agrees to inform Department in writing immediately of any change in its status or policy which would materially affect the protection afforded Department by this self-insurance.
8. Consultant has complied with all laws pertaining to self-insurance.

10.5 Accident Reports

Consultant shall report in writing to Executive Director within fifteen (15) calendar days after it, its officers or managing agents have knowledge of any accident or occurrence involving death of or injury to any person or persons, or damage in excess of Five Hundred Dollars (\$500.00) to property, occurring upon the premises, or elsewhere within the Port of Los Angeles if Consultant's officers, agents or employees are involved in such an accident or occurrence. Such report shall contain to the extent available (1) the name and address of the persons involved, (2) a general statement as to the nature and extent of injury or damage, (3) the date and hour of occurrence, (4) the names and addresses of known witnesses, and (5) such other information as may be known to Consultant, its officers or managing agents.

11. Personal Services Agreement.

11.1 During the term of this Agreement, Consultant agrees that it will not enter into other contracts or perform any work without the written permission of the Executive Director where the work may conflict with the interests of City's Harbor Department.

11.2 Consultant acknowledges that it has been selected to perform the Scope of Work because of its experience, qualifications and expertise. Any assignment or other

transfer of this Agreement or any part hereof shall be void provided, however, that Consultant may permit Subconsultant(s) to perform portions of the Scope of Work in accordance with Section 2.3. All Subconsultants whom Consultant utilizes, however, shall be deemed to be its agents. Subconsultants' performance of the Scope of Work shall not be deemed to release Consultant from its obligations under this Agreement or to impose any obligation on the City to such Subconsultant(s) or give the Subconsultant(s) any rights against the City.

12. Confidentiality.

Consultant shall not disclose any proprietary or confidential information of City to any third party or parties during or after the term of this Agreement without the prior written consent of City. The data, documents, reports, or other materials which contain information relating to the review, documentation, analysis and evaluation of the Scope of Work and any recommendations made by Consultant relative thereto shall be considered confidential and shall not be reproduced, altered, used or disseminated by Consultant or its employees or agents in any manner except and only to the extent necessary in the performance of the work under this Agreement. In addition, Consultant is required to safeguard such information from access by unauthorized personnel.

13. Affirmative Action.

Consultant shall not discriminate in its employment practices against any employee or applicant for employment because of employee's or applicant's race, religion, national origin, ancestry, sex, age, sexual orientation, disability, marital status, domestic partner status, or medical condition. The provisions of Section 10.8.4 of the Los Angeles Administrative Code are incorporated herein by this reference and made a part of this Agreement. All subcontracts awarded shall contain a like nondiscrimination provision. See Exhibit "I."

14. Small/Very Small Business Enterprise Program and Local Business Preference Program.

It is the policy of City's Harbor Department to provide Small Business Enterprises (SBE), Very Small Business Enterprises (VSBE) and Minority-Owned, Women-Owned, Disabled Veteran Business Enterprises, and all Other Business Enterprises (MBE/WBE/DVBE/OBE) an equal opportunity to participate in the performance of all City contracts in all areas where such contracts afford such participation opportunities. Consultant shall assist City's Harbor Department in implementing this policy and shall use its best efforts to afford the opportunity for SBEs, VSBEs, MBEs, WBEs, DVBEs, and OBEs to achieve participation in subcontracts where such participation opportunities present themselves and attempt to ensure that all available business enterprises, including SBEs, VSBEs, MBEs, WBEs, DVBEs, and OBEs, have equal participation opportunities which might be presented under this Agreement. See Exhibit "J."

It is also the policy of the Department to support an increase in local and regional jobs. The Department's Local Business Preference Program aims to benefit the Southern California region by increasing jobs and expenditures within the local and regional private sector. Consultant shall assist the City in implementing this policy and shall use its best efforts to afford the opportunity for Local Business Enterprises to

achieve participation in subcontracts where such participation opportunities present themselves.

NOTE: Prior to being awarded a contract with the City, Consultant and all Subconsultants must be registered on the City's Contracts Management and Opportunities Database, Los Angeles Business Assistance Virtual Network (LABAVN), at <http://www.labavn.org>.

15. Conflict of Interest.

Consultant has reviewed and understands the provisions of Section 1090 et seq. and Section 87100 et seq. of the California Government Code relating to conflict of interest of public officers and employees, as well as the Los Angeles Municipal Code ("LAMC") Municipal Ethics and Conflict of Interest provisions of Section 49.5.1 et seq. and the Conflict of Interest Codes of the City and City's Harbor Department. All parties hereto agree that they are unaware of any financial or economic interest of any public officer or employee of City relating to this Agreement. Notwithstanding any other provision of this Agreement, it is further understood and agreed that if such financial interest does exist at the inception of this Agreement, City may immediately terminate this Agreement by giving written notice thereof. Consultant's signature of this Agreement constitutes its affirmation that any former employees of City or City's Harbor Department that are employed by Consultant and that assist in performing the Scope of Work shall be free of any conflicts of interest with respect to City and City's Harbor Department.

During the term of this Agreement, Consultant shall inform the Department in writing when Consultant, or any of its Subconsultants, employs or hires in any capacity, and for any length of time, a person who has worked for the Department as a Commissioner, officer or employee. Said notice shall include the individual's name and current position and their prior position and years of employment with the Department. Written notice shall be provided by Consultant to the Department within thirty (30) days of the employment or hiring of the individual.

16. Compliance with Applicable Laws.

Consultant's activities under this Agreement, including its performance of the Scope of Work, shall comply with all federal, state, municipal, local and departmental laws, ordinances, rules, regulations, and orders. If in any instance a City standard is more stringent than a state, federal or other requirement, the City standard shall be followed unless the Engineer notifies the Consultant otherwise in writing, in which case the requirements of said notification shall apply.

17. Trademarks, Copyrights and Patents.

Consultant shall promptly and fully inform Engineer in writing of any patents, trademarks or copyrights related to services provided under this Agreement or patent trademark or copyright disputes, existing or potential, which Consultant has knowledge of, relating to any idea, design, method, material, equipment or other matter connected to this Agreement. Consultant agrees to save, keep, hold harmless, protect and indemnify City and any of its officers or agents from any damages, cost, or expenses in law or equity from infringement of any patent, trademark, service mark or copyright of

any person or persons, or corporations in consequence of the use by City of any materials supplied by Consultant in the performance of this Agreement.

18. Proprietary Information.

Writings, as that term is defined in Section 250 of the California Evidence Code (including, without limitation, drawings, specifications, estimates, reports, records, reference material, data, charts, documents, renderings, computations, computer tapes or disks, submittals and other items of any type whatsoever, whether in the form of writing, figures or delineations), which are obtained, generated, compiled or derived in connection with this Agreement (collectively hereafter referred to as "property"), are owned by City as soon as they are developed, whether in draft or final form. City has the right to use or permit the use of property and any ideas or methods represented by such property for any purpose and at any time without compensation other than that provided in this Agreement. Consultant hereby warrants and represents that City at all times owns rights provided for in this section free and clear of all third-party claims whether presently existing or arising in the future, whether or not presently known. Consultant need not obtain for City the right to use any idea, design, method, material, equipment or other matter which is the subject of a valid patent, unless such patent is owned by Consultant or one of its employees, or its Subconsultant or the Subconsultant's employees, in which case such right shall be obtained without additional compensation. Whether or not Consultant's initial proposal or proposals made during this Agreement are accepted by City, it is agreed that all information of any nature whatsoever connected with the Scope of Work, regardless of the form of communication, which has been or may be given by Consultant, its Subconsultants or on either's behalf, whether prior or subsequent to this Agreement becoming effective, to the City, its boards, officers, agents or employees, is not given in confidence. Accordingly, City or its designees may use or disclose such information without liability of any kind, except as may arise under valid patents.

19. Royalty-Free License.

If research or development is furnished in connection with this Agreement and if, in the course of such research or development, patentable work product is produced by Consultant, its officers, agents, employees, or Subconsultants, the City shall have, without cost or expense to it, an irrevocable, non-exclusive royalty-free license to make and use, itself or by anyone on its behalf, such work product in connection with any activity now or hereafter engaged in or permitted by City. Upon City's request, Consultant, at its sole cost and expense, shall promptly furnish or obtain from the appropriate person a form of license satisfactory to the City. It is expressly understood and agreed that, as between City and Consultant, the referenced license shall arise for City's benefit immediately upon the production of the work product, and is not dependent on the written license specified above. City may transfer such license to its successors in the operation or ownership of any real or personal property now or hereafter owned or operated by City.

20. City's Disclosure Obligations.

Consultant acknowledges that City is subject to laws, rules and/or regulations generally requiring it to disclose records upon request, which laws, rules and/or regulations include, but are not limited to, the California Public Records Act (California Government Code Sections 6250 et seq.) ("Disclosure Laws").

21. Notices.

In all cases where written notice is to be given under this Agreement, service shall be deemed sufficient if said notice is deposited in the United States mail, postage prepaid. When so given, such notice shall be effective from the date of mailing of the same. For the purpose hereof, unless otherwise provided by notice in writing from the respective parties, notice to City's Harbor Department shall be addressed to Director of Development, Los Angeles Harbor Department, P.O. Box 151, San Pedro, California 90733-0151, and notice to Consultant shall be addressed to it at the address set forth above. Nothing herein contained shall preclude or render inoperative service of such notice in the manner provided by law.

22. Taxpayer Identification Number ("TIN").

The Internal Revenue Service (IRS) requires that all consultants and suppliers of materials and supplies provide a TIN to the party that pays them. Consultant declares that it has an authorized TIN which shall be provided to the Department prior to payment under this Agreement. No payments will be made under this Agreement without a valid TIN.

23. Service Contractor Worker Retention Policy and Living Wage Requirements.

The Board of Harbor Commissioners of the City of Los Angeles adopted Resolution Nos. 19-8419 and 19-8420 on January 24, 2019, adopting the provisions of Los Angeles City Ordinance No. 185356 relating to Service Contractor Worker Retention ("SCWR"), Section 10.36 et seq. of the Los Angeles Administrative Code, as the policy of City's Harbor Department. Further, Charter Section 378 requires compliance with the City's Living Wage requirements as set forth by ordinance, Section 10.37 et seq. of the Los Angeles Administrative Code. Consultant shall comply with the policy wherever applicable. Violation of this provision, where applicable, shall entitle City to terminate this Agreement and otherwise pursue legal remedies that may be available.

24. Wage and Earnings Assignment Orders/Notices of Assignments.

Consultant and Subconsultants shall comply with all applicable state and federal employment reporting requirements for employees.

Consultant and Subconsultants shall certify that the principal owner(s) are in compliance with any Wage and Earnings Assignment Orders and Notices of Assignments applicable to them personally. Consultant and Subconsultants shall fully comply with all lawfully served Wage and Earnings Assignment Orders and Notices of Assignments in accordance with Section 5230 et seq. of the California Family Code.

25. Equal Benefits Policy.

Board adopted Resolution No. 6328 on January 12, 2005, agreeing to adopt the provisions of Los Angeles City Ordinance No. 172,908, as amended, relating to Equal Benefits, Section 10.8.2.1 et seq. of the Los Angeles Administrative Code, as a policy of City's Harbor Department. Consultant shall comply with the policy wherever applicable. Violation of this policy shall entitle the City to terminate any agreement with Consultant and pursue any and all other legal remedies that may be available. See Exhibit "K."

26. Compliance With Los Angeles City Charter Section 470(c)(12).

The Consultant, Subconsultants, and their Principals are obligated to fully comply with City of Los Angeles Charter Section 470(c)(12) and related ordinances, regarding limitations on campaign contributions and fundraising for certain elected City officials or candidates for elected City office if the agreement is valued at \$100,000 or more and requires approval of a City elected official. Additionally, Consultant is required to provide and update certain information to the City as specified by law. Any Consultant subject to Charter Section 470(c)(12), shall include the following notice in any contract with a subconsultant expected to receive at least \$100,000 for performance under this Agreement:

Notice Regarding Los Angeles Campaign Contribution and Fundraising Restrictions

As provided in Charter Section 470(c)(12) and related ordinances, you are a subconsultant on Harbor Department Agreement No. _____. Pursuant to City Charter Section 470(c)(12), subconsultant and its principals are prohibited from making campaign contributions and fundraising for certain elected City officials or candidates for elected City office for 12 months after the Agreement is signed. Subconsultant is required to provide to Consultant names and addresses of the subconsultant's principals and contact information and shall update that information if it changes during the 12 month time period. Subconsultant's information must be provided to Consultant within 10 business days. Failure to comply may result in termination of the Agreement or any other available legal remedies including fines. Information about the restrictions may be found at the City Ethics Commission's website at <http://ethics.lacity.org/> or by calling 213-978-1960.

Consultant, Subconsultants, and their Principals shall comply with these requirements and limitations. Violation of this provision shall entitle the City to terminate this Agreement and pursue any and all legal remedies that may be available.

27. State Tidelands Grants.

This Agreement is entered into in furtherance of and as a benefit to the State Tidelands Grant and the trust created thereby. Therefore, this Agreement is at all times subject to the limitations, conditions, restrictions and reservations contained in and

prescribed by the Act of the Legislature of the State of California entitled "An Act Granting to the City of Los Angeles the Tidelands and Submerged Lands of the State Within the Boundaries of Said City," approved June 3, 1929 (Stats. 1929, Ch. 651), as amended, and provisions of Article VI of the Charter of the City of Los Angeles relating to such lands. Consultant agrees that any interpretation of this Agreement and the terms contained herein must be consistent with such limitations, conditions, restrictions and reservations.

28. Construction of Agreement.

This Agreement shall not be construed against the party preparing the same, shall be construed without regard to the identity of the person who drafted such and shall be construed as if all parties had jointly prepared this Agreement and it shall be deemed their joint work product; each and every provision of this Agreement shall be construed as though all of the parties hereto participated equally in the drafting hereof; and any uncertainty or ambiguity shall not be interpreted against any one party. As a result of the foregoing, any rule of construction that a document is to be construed against the drafting party shall not be applicable.

29. Titles and Captions.

The parties have inserted the section titles in this Agreement only as a matter of convenience and for reference, and the section titles in no way define, limit, extend or describe the scope of this Agreement or the intent of the parties in including any particular provision in this Agreement.

30. Modification in Writing.

This Agreement may be modified only by written agreement of all parties. Any such modifications are subject to all applicable approval processes required by, without limitation, City's Charter and City's Administrative Code.

31. Waiver.

A failure of any party to this Agreement to enforce the Agreement upon a breach or default shall not waive the breach or default or any other breach or default. All waivers shall be in writing.

32. Governing Law.

This Agreement is made and entered into in the State of California and shall in all respects be construed, interpreted, enforced and governed under and by the laws of the State of California, without reference to choice of law rules.

33. Severability.

Should any part, term, condition or provision of this Agreement be declared or determined by any court of competent jurisdiction to be invalid, illegal or incapable of being enforced by any rule of law, public policy, or city charter, the validity of the remaining parts, terms, conditions or provisions of this Agreement shall not be affected

thereby, and such invalid, illegal or unenforceable part, term, condition or provision shall be treated as follows: (a) if such part, term, condition or provision is immaterial to this Agreement, then such part, term, condition or provision shall be deemed not to be a part of this Agreement; or (b) if such part, term, condition or provision is material to this Agreement, then the parties shall revise the part, term, condition or provision so as to comply with the applicable law or public policy and to effect the original intent of the parties as closely as possible.

34. Jurisdiction.

The parties hereto consent to the jurisdiction of the State of California for the enforcement of this Agreement.

35. Integrated Agreement.

This Agreement contains the entire understanding and agreement between the parties hereto with respect to the matters referred to herein. No other representations, covenants, undertakings, or prior or contemporaneous agreements, oral or written, regarding such matters which are not specifically contained, referenced, and/or incorporated into this Agreement by reference shall be deemed in any way to exist or bind any of the parties. Each party acknowledges that it has not been induced to enter into the Agreement and has not executed the Agreement in reliance upon any promises, representations, warranties or statements not contained, referenced, and/or incorporated into the Agreement. **THE PARTIES ACKNOWLEDGE THAT THIS AGREEMENT IS INTENDED TO BE, AND IS, AN INTEGRATED AGREEMENT.**

36. Exhibits; Sections.

All exhibits to which reference is made in this Agreement are deemed incorporated in this Agreement, whether or not actually attached. To the extent the terms of an exhibit conflict with or appear to conflict with the terms of the body of the Agreement, the terms of the body of the Agreement shall control. References to sections are to sections of this Agreement unless stated otherwise.

37. Counterparts.

This Agreement may be executed in any number of counterparts, each of which shall be deemed an original and all of which shall constitute together one and the same instrument.

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IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the date next to their signatures.

THE CITY OF LOS ANGELES, by its
Board of Harbor Commissioners

Date: _____

By: _____
EUGENE D. SEROKA
Executive Director

Attest: _____
Secretary

KPFF, INCORPORATED

Date: 10/23/2019

By: Todd Graham

Name: TODD GRAHAM

Title: Principal

Attest: Christopher T. Mansour

Name: CHRISTOPHER T. MANSOUR
Title: ASSOCIATE

APPROVED AS TO FORM AND LEGALITY

10-29, 2019

MICHAEL N. FEUER, City Attorney
Janna B. Sidley, General Counsel

By: Minah Park
Minah Park, Deputy

Account #	<u>54220</u>	W.O. #	<u>11111</u>
Ctr/Div #	<u>1900/311</u>	Job Fac. #	<u>111-11</u>
Proj/Prog #	<u>000</u>		
Fiscal Year	MIP (311)	CIP(1900)	Total
FY 2019/2020	\$ 12,000	\$ 200,000	\$ 212,000
FY 2020/2021	\$ 60,000	\$ 1,170,000	\$ 1,230,000
FY 2021/2022	\$ 60,000	\$ 1,170,000	\$ 1,230,000
FY 2022/2023	\$ 20,000	\$ 308,000	\$ 328,000
TOTAL	\$ 152,000	\$ 2,848,000	\$ 3,000,000

For Acct/Budget Div. Use Only:

Verified by: Fch

Verified Funds Available: Fch

Date Approved: 10/28/19

EXHIBIT "A"
ON-CALL ENGINEERING SERVICES

PROGRAM DESCRIPTION

The On-Call Engineering Services Agreements will provide the Engineering Division with on-call as needed engineering and architectural services to support the Department's Capital Improvement Program (CIP) and Maintenance Improvement Program (MIP) Program.

Attached to this Exhibit is the CIP Status Report, listing projects that may require on-call engineering services. This report is included for general information as to the size and type of projects that may be completed under the On-Call Engineering Services program for CIP and MIP projects. The Department reserves the right to add or remove projects as necessary as may be in the Department's best interest.

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
I. Terminals														
Berth 90-93 - World Cruise Center														
1. B. 93 - Cruise Terminal - Customs and Border Protection Improvements (2525300)	1007	Leon, Laura	Completed	\$3,492,702	04/13/15	A 04/11/15	01/31/17	A 02/12/17	100%	07/01/17	A 06/12/17	07/31/18	A 03/31/18	100%
2. B. 91-93 - Alternative Maritime Power (AMP) Upgrade and Retrofit (2527300)	1186	Aboulhosn, Shawki	Completed	\$13,840,000	11/17/14	A 11/17/14	03/23/16	A 03/23/16	100%	11/15/16	A 11/15/16	06/21/18	A 06/21/18	100%
3. B. 93 - Replacement of Elevator No. 6 (2528700)	1007	Smith, Charles	Construction	\$288,546	08/04/14	A 08/04/14	08/04/14	A 08/04/14	N/A	12/31/15	A 12/31/15	12/31/18	01/31/19	98%
4. B. 93 - Elevator No. 4 Modernization (2534600)	1007	Smith, Charles	Construction	\$280,530	06/30/15	A 06/30/15	06/30/15	A 06/30/15	N/A	01/27/16	A 01/27/16	12/31/18	01/31/19	75%
5. B. 93 - Install Two New Elevators at the Cruise Terminal (2543900)	1007	Leon, Laura	Design	\$4,757,350	02/01/17	A 02/01/17	01/17/19	01/17/19	95%	07/19/19	07/19/19	06/30/20	06/30/20	0%
6. B. 91-93 - Cruise Terminal - Passenger Access (2546900)	1007	Leon, Laura	Construction	\$100,000	10/15/17	A 10/15/17	04/12/18	A 01/01/18	100%	04/13/18	A 04/07/18	10/09/18	01/31/19	80%
7. B. 91-92 - Cruise Terminal - Escalator Modernization (2547400)	1007	Reeser, Kenneth	Construction	\$924,000	07/17/17	A 07/17/17	07/17/17	A 07/17/17	N/A	09/01/18	A 12/01/18	12/31/19	12/31/19	5%
8. B. 93 - Engineering Records Vault Relocation and Improvements (2549900)	1007	Leon, Laura	Construction	\$187,000	04/11/18	A 04/11/18	06/02/18	A 06/02/18	100%	06/03/18	A 06/03/18	06/30/19	06/30/19	60%
9. B. 93 - Vehicular and Pedestrian Ramp Repair (2553000)	1007	Reeser, Kenneth	Planning	\$936,000	01/01/19	01/15/19	02/28/19	02/28/19	N/A	06/01/19	06/01/19	12/31/19	12/31/19	0%
10. B. 91-92 - Passenger Terminal - Ceiling Tile Replacement (2553900)	1007	Hazelett, Phil	Bid (Adv.) and Award	\$222,000	12/31/18	A 12/31/18	12/31/18	A 12/31/18	N/A	03/01/19	03/01/19	04/30/19	04/30/19	0%
BERTH 90-93 - WORLD CRUISE CENTER TOTAL				\$25,028,128										
Berth 100-102 - China Shipping Container Terminal														
1. B. 100-102 - Marine Operations Building (2454300)	1042	Kim, Jin	Hold	\$13,800,000	02/12/12	A 02/12/12	08/31/14	A 08/31/14	100%	12/01/15	02/01/16	04/30/17	04/30/17	0%
2. B. 100-102 - Crane Maintenance Building (2502600)	1042	Kim, Jin	Hold	\$5,700,000	10/01/13	A 10/01/13	08/31/14	A 08/31/14	100%	12/01/15	02/01/16	04/30/17	04/30/17	0%
3. B. 97 - 109 - China Shipping Container Terminal Supplemental EIR (2535300)	1042	Ochsner, Lisa	Environmenta	\$2,376,500	05/15/15	A 05/15/15	05/15/15	A 05/15/15	N/A	05/15/15	A 05/15/15	09/30/19	09/30/19	80%
BERTH 100-102 - CHINA SHIPPING CONTAINER TERMINAL TOTAL				\$21,876,500										
Berth 121-131 - Yang Ming Container Terminal														
1. Phase I & II														
1. B. 121-131 - Wharf Upgrades (2449000)	1162	Kim, Jin	Hold	\$106,700,000	01/07/15	A 07/01/15	04/10/16	04/10/16	5%	10/11/16	10/11/16	04/10/18	04/10/18	0%
2. B. 121-131 - West Basin Intermodal Container Transfer Facility (WBICTF) Expansion (2481000)	1162	Kim, Jin	Hold	\$11,100,000	01/07/15	01/07/15	04/10/16	04/10/16	0%	10/11/16	10/11/16	04/10/18	04/10/18	0%
3. B. 121-131 - Terminal Redevelopment - Planning and Environmental (2523200)	1162	Wunder, Lisa	Environmenta	\$4,215,241	05/30/13	A 05/30/13	05/30/13	A 05/30/13	N/A	05/30/13	A 05/30/13	11/30/18	11/30/18	75%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
4. 2001 John S. Gibson Blvd - Yang Ming Administration Building Improvements (2545900)	1207	Reeser, Kenneth	Completed	\$320,702	08/27/17	A 09/10/17	09/09/17	A 09/10/17	N/A	11/05/17	A 11/10/17	06/02/18	A 05/17/18	100%
PHASE I & II TOTAL				\$122,335,943										
BERTH 121-131 - YANG MING CONTAINER TERMINAL TOTAL				\$122,335,943										
Berth 135-147 - TRAPAC Container Terminal														
1. B. 142-143 - Backland Improvements - Phases 2-4 (2449800)	1103	Newbold, Adrienne	Completed	\$120,726,870	09/16/05	A 09/16/05	09/09/13	A 09/09/13	100%	03/03/14	A 03/03/14	03/22/17	A 02/15/17	100%
2. B. 142-147 - ICTF (2455100)	1161	Shimabukuro , Geraldine	Completed	\$73,965,000	08/23/12	A 08/23/12	09/08/13	A 09/08/13	100%	02/03/14	A 02/03/14	05/22/16	A 04/22/16	100%
3. R.B. 136-139 - Terminal Buildings & Main Gate (2458500)	1103	Sanchez, Marco	Completed	\$79,215,000	08/31/06	A 08/31/06	08/22/12	A 08/22/12	100%	02/11/13	A 02/11/13	11/20/15	A 01/07/16	100%
4. B. 144-145 - Backland Improvements - Phase 1C (2513100)	1103	Newbold, Adrienne	Closed	\$44,992,018	10/29/11	A 10/29/11	12/03/12	A 12/03/12	100%	04/15/13	A 04/15/13	05/19/14	A 04/24/14	100%
5. B. 145-147 - Backland Improvements - Phase 1B (2514300)	1103	Newbold, Adrienne	Completed	\$11,790,244	10/28/11	A 10/28/11	08/21/12	A 08/21/12	100%	02/12/13	A 02/12/13	02/28/14	A 02/28/14	100%
6. B. 142 - Crane Maintenance Building (2517700)	1103	Sar, Christina	Completed	\$9,229,000	12/16/12	A 12/16/12	01/31/15	A 01/31/15	100%	01/02/16	A 10/26/15	08/02/17	A 05/22/17	100%
7. B. 144-145 - Storm Drain Improvements (2547200)	1103	Newbold, Adrienne	Bid (Adv.) and Award	\$375,000	10/28/17	A 10/28/17	12/31/18	A 11/01/18	100%	06/30/19	01/30/19	12/26/19	07/30/19	0%
BERTH 135-147 - TRAPAC CONTAINER TERMINAL TOTAL				\$340,293,132										
Berth 171-181 - Development														
1. B. 177-178 - Wharf Restoration (2538900)	1187	Ragusa, Angela	Design	\$9,420,000	11/01/17	A 11/01/17	04/30/19	04/30/19	40%	11/01/19	11/01/19	04/30/20	04/30/20	0%
2. B. 179-181 - Wharf and Bollard Repair (2543300)	1187	Kim, Taewon	Bid (Adv.) and Award	\$1,240,000	02/01/17	A 02/01/17	03/30/18	A 03/30/18	100%	10/01/19	10/01/19	02/28/20	02/28/20	0%
3. B. 176-179 - Electrical Infrastructure Improvements (2544100)	1187	Baird, Scott	Design	\$3,800,000	12/12/17	A 12/12/17	07/15/19	07/15/19	54%	01/04/20	01/04/20	04/30/21	04/30/21	0%
4. B. 179-181 - Window Upgrade and Roll Up Door Replacement (2553100)	1187	Reeser, Kenneth	Environmenta l	\$975,000	03/31/19	03/31/19	04/30/19	04/30/19	0%	07/01/19	07/01/19	06/30/20	06/30/20	0%
BERTH 171-181 - DEVELOPMENT TOTAL				\$15,435,000										
Berth 212-224 - YTI Container Terminal														
1. B. 214 - 220 - Redevelopment (2519800)	1165	Han, Edward	Completed	\$44,557,782	04/17/13	A 04/17/13	02/25/15	A 03/25/15	100%	07/14/15	A 09/08/15	05/12/17	A 05/12/17	100%
2. B. 214-220 - Alternative Maritime Power (AMP) Improvements (2532500)	1186	Han, Edward	Completed	\$10,889,810	04/17/14	A 04/17/14	03/25/15	A 03/25/15	100%	09/08/15	A 09/08/15	05/12/17	A 05/12/17	100%
3. B. 212-224 - Intermodal Container Transfer Facility (ICTF) Expansion (2533300)	1165	Han, Edward	Completed	\$6,455,400	04/01/13	A 04/01/13	04/29/16	A 04/29/16	100%	10/03/16	A 04/19/17	10/02/17	A 12/31/17	100%
4. B. 214-220 - 480V Main Breakers Replacement (2533500)	1165	Aboulhosn, Shawki	Completed	\$900,804	12/04/14	A 12/04/14	02/12/15	A 02/12/15	100%	07/14/15	A 09/08/15	05/12/17	A 04/14/17	100%

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
5. B. 214 - 220 - Concrete Wharf Inspection and Improvements (2537800)	1165	Nguyen, Long	Hold	\$10,603,000	07/16/16	^A 07/16/16	05/31/18	05/31/18	95%	12/01/18	12/01/18	09/30/20	09/30/20	0%
6. B. 218-220 Concrete Pavement Improvement (2546600)	1165	Han, Edward	Hold	\$837,000	12/01/17	^A 12/01/17	03/31/18	^A 03/31/18	100%	09/01/18	09/01/18	12/31/18	12/31/18	0%
BERTH 212-224 - YTI CONTAINER TERMINAL TOTAL				\$74,243,796										
Berth 222-236 - Development														
1. B. 226-236 - Terminal Improvements - Planning and Environmental (2524200)	1155	Correa, Brian	Completed	\$4,269,706	09/04/14	^A 09/04/14	09/04/14	^A 09/04/14	N/A	09/04/14	^A 09/04/14	12/31/17	^A 10/19/17	100%
2. B. 228-230 - Alternative Maritime Power (AMP) Upgrade and Retrofit (2529400)	1186	Correa, Brian	Bid (Adv.) and Award	\$7,000,000	09/16/14	^A 09/16/14	09/28/18	^A 11/16/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
3. B. 226-236 Terminal Improvements - Wharf and Backlands (2531200)	1155	Correa, Brian	Bid (Adv.) and Award	\$41,311,840	09/19/14	^A 09/19/14	09/28/18	^A 11/16/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
4. B. 226-236 - Terminal Infrastructure Reconstruction (2539400)	1155	Correa, Brian	Bid (Adv.) and Award	\$14,852,400	03/14/16	^A 03/14/16	09/28/18	^A 11/16/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
5. B. 226 - Electrical Infrastructure for E-Truck Plug-In and LNG Fueling Stations (2544000)	1155	Hoang, Dac	Construction	\$380,000	05/03/17	^A 05/03/17	08/31/17	^A 08/31/17	100%	09/01/17	^A 09/01/17	12/31/18	01/31/19	98%
6. B. 226-236 - Advanced Cargo Handling Demonstration (2545300)	1155	Hoang, Dac	Bid (Adv.) and Award	\$2,000,000	07/11/17	^A 07/11/17	09/28/18	^A 11/15/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
BERTH 222-236 - DEVELOPMENT TOTAL				\$69,813,946										
Berth 300-306 - Development														
1. R.B. 301-305 - Buildings, Gates, and Backland Development (2489000)	1134	Harne, Melissa	Closed	\$607,716	01/02/13	^A 01/02/13	08/04/17	08/04/17	2%	02/01/18	02/01/18	01/21/20	01/21/20	0%
2. B. 306 - Wharf and Backland Development (2489100)	1134	Cisneros, Hugo	Hold	\$163,000,000	01/05/09	^A 01/05/09	02/01/17	02/01/17	59%	02/01/18	02/01/18	01/21/20	01/21/20	0%
3. B. 302-305 - Crane Switchgear Modernization (2552900)	1134	Basha, George	Design	\$1,775,000	01/01/19	^A 01/01/19	02/28/19	02/28/19	5%	10/01/19	10/01/19	04/30/21	04/30/21	0%
BERTH 300-306 - DEVELOPMENT TOTAL				\$165,382,716										
Berth 400-409 - Development														
1. B. 402-403 - Expansion Joint Repaving (2536300)	1140	Le, Chinh	Closed	\$272,986	08/18/15	^A 08/18/15	08/09/16	^A 08/09/16	100%	03/01/18	^A 02/05/18	11/28/18	^A 03/20/18	100%
2. Pier 400 Corridor Storage Tracks Expansion (2543500)	1140	Lai, Sue	Design	\$34,015,000	07/15/18	^A 07/15/18	12/31/19	12/31/19	30%	07/01/20	07/01/20	12/31/21	12/31/21	0%
3. Pier 400 Pavement Replacement (2550400)	1140	Honeybone, Christine	Completed	\$115,469	06/14/18	^A 06/14/18	06/14/18	^A 06/14/18	100%	06/30/18	^A 06/25/18	07/29/18	^A 07/20/18	100%
BERTH 400-409 - DEVELOPMENT TOTAL				\$34,403,455										
Motems														
1. B. 238-239 - MOTEMS - PBF Energy (2489900)	1195	Robledo, Jose	Design	\$25,675,000	08/29/18	^A 08/29/18	10/21/19	10/21/19	40%	04/27/20	04/27/20	04/30/21	04/30/21	0%

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Start Projected	Baseline	Finish Projected		Baseline	Start Projected	Baseline	Finish Projected	
2. B. 167-169 - MOTEMS- Shell (2493600)	1195	Robledo, Jose	Design	\$22,540,338	12/09/13	^A 12/09/13	01/28/19	01/28/19	95%	01/07/20	01/07/20	01/24/22	01/24/22	0%
3. B. 163 - MOTEMS- NuStar (2493700)	1195	Robledo, Jose	Hold	\$23,976,000	07/04/17	07/04/17	07/02/18	07/02/18	0%	06/11/19	06/11/19	06/08/20	06/08/20	0%
4. B. 148-151 - MOTEMS- Phillips 66 (2493800)	1195	Robledo, Jose	Design	\$24,626,142	02/05/18	^A 02/05/18	09/30/19	09/30/19	10%	03/31/20	03/31/20	03/29/21	03/29/21	0%
5. B. 164 - MOTEMS - Valero (2493900)	1195	Robledo, Jose	Design	\$26,655,000	08/11/17	^A 08/11/17	03/08/19	03/08/19	80%	09/16/19	03/14/20	09/18/20	09/18/20	0%
6. B. 187-191 - MOTEMS- Vopak (2494000)	1195	Robledo, Jose	Hold	\$61,561,271	06/03/16	06/03/16	02/16/17	02/16/17	0%	07/14/17	07/14/17	01/10/19	01/10/19	0%
7. B. 163 - MOTEMS Repairs - Nustar (2524400)	1195	Robledo, Jose	Completed	\$1,258,598	10/03/13	^A 10/03/13	05/31/14	^A 05/31/14	100%	03/09/15	^A 03/09/15	08/07/17	^A 05/12/17	100%
8. B. 164 - MOTEMS Repairs - Valero (2524500)	1195	Robledo, Jose	Completed	\$979,093	10/03/13	^A 10/03/13	05/31/14	^A 05/31/14	100%	03/09/15	^A 03/09/15	08/07/17	^A 05/12/17	100%
9. B. 187-190 - MOTEMS Repairs - Vopak (2524600)	1195	Robledo, Jose	Closed	\$448,310	09/03/16	^A 07/18/16	09/03/17	^A 09/03/17	25%	12/05/17	^A 02/05/18	12/05/18	^A 12/05/18	0%
10. B. 148-149 - MOTEMS Repairs - Phillips 66 (2539800)	1195	Sanchez, Marco	Bid (Adv.) and Award	\$3,955,000	08/09/16	^A 08/09/16	08/05/18	^A 09/04/18	100%	02/07/19	07/28/19	02/07/20	02/07/20	0%
11. B. 163 - 164 - MOTEMS Repairs - Nustar/Valero - Phase 2 (2548300)	1195	Sanchez, Marco	Construction	\$600,000	03/30/18	^A 03/30/18	07/13/18	^A 08/12/18	100%	07/23/18	^A 09/11/18	03/15/19	03/15/19	5%
MOTEMS TOTAL				\$192,274,752										
Miscellaneous Terminal Improvements														
1. B. 196-199 - Wharf Rehabilitation (2516600)	1171	Le, Chinh	Construction	\$14,300,000	03/04/14	^A 03/04/14	02/22/16	^A 02/22/16	100%	08/07/17	^A 08/07/17	07/19/19	07/19/19	93%
2. B. 240 A, B, & C - Seawall Improvements - PBF Energy (2537600)	1001	Sanchez, Marco	Completed	\$4,500,000	05/03/16	^A 05/03/16	09/14/17	^A 10/16/17	100%	11/06/17	^A 04/30/18	11/06/18	^A 08/31/18	100%
3. New Dredge Material Disposal Site (2542800)	1002	Kim, Taewon	Closed	\$0	07/03/17	^A 07/03/17	07/03/17	^A 07/03/17	N/A	07/03/17	^A 07/03/17	07/31/21	07/31/21	N/A
4. B. 243-245 - Confined Disposal Facility Modifications (2547700)	1002	Kim, Taewon	Design	\$2,500,000	12/01/17	^A 12/01/17	03/01/20	03/01/20	40%	05/02/18	07/01/19	11/01/25	11/01/25	0%
5. R.B. 206-209 - Demolition (2547800)	1156	Gutierrez, Mimi	Design	\$3,310,000	09/01/18	^A 09/01/18	02/28/19	02/28/19	95%	09/01/19	09/01/19	05/31/20	05/31/20	0%
6. R.B. 147-151 - Sanitary Sewer Rehabilitation (2548200)	1002	Vazquez, Lizeth	Hold	\$420,000	03/01/18	^A 03/01/18	07/31/18	^A 07/31/18	100%	10/01/18	10/01/18	01/31/19	01/31/19	0%
7. B. 240X So Cal Ship Services - Parking Lot Design (2550600)	1002	Harne, Melissa	Design	\$40,000	06/22/18	^A 08/20/18	10/19/18	02/28/19	10%	10/19/18	02/28/19	10/19/18	02/28/19	0%
MISCELLANEOUS TERMINAL IMPROVEMENTS TOTAL				\$25,070,000										
TERMINALS TOTAL				\$1,086,157,369										
II. Transportation														
Transportation Improvements														

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
1. South Wilmington Grade Separation (2423600)	1172	Martinez, Guillermo	Completed	\$70,078,430	06/01/05	A 06/01/05	06/27/12	A 06/27/12	100%	02/18/13	A 02/18/13	03/31/15	A 03/31/15	100%
2. I-110/SR 47 Connector Improvement (2466100)	1172	Konareddy, Prashant	Completed	\$16,937,052	08/18/08	A 08/18/08	06/19/13	A 06/19/13	100%	11/18/13	A 11/18/13	06/26/16	A 07/07/16	100%
3. John S. Gibson Intersection & NB I-110 Ramp Access Improvements (2469900)	1172	Konareddy, Prashant	Completed	\$28,572,586	03/04/08	A 03/04/08	06/19/13	A 06/19/13	100%	11/18/13	A 11/18/13	06/26/16	A 07/07/16	100%
4. C Street/I-110 Access Ramp Improvements (2485200)	1172	Konareddy, Prashant	Completed	\$45,392,083	07/01/08	A 07/01/08	07/31/13	A 07/31/13	100%	01/13/14	A 01/14/14	01/05/17	A 09/13/16	100%
5. B. 200 - Rail Yard (2488500)	1172	Sar, Christina	Completed	\$128,479,559	04/16/08	A 04/16/08	11/16/11	A 11/16/11	100%	08/27/12	A 08/27/12	08/01/14	A 08/15/14	100%
6. Avalon and Fries Street Closures Environmental Assessment (2516700)	1172	Wunder, Lisa	Environmenta l	\$779,650	08/08/12	A 08/08/12	08/08/12	A 08/08/12	N/A	08/08/12	A 08/08/12	12/31/19	12/31/19	80%
7. At-Grade Rail Crossing Protection System for Anaheim St. Rail Crossing of McFarland Lead Track (2524100)	1172	Hunt, Alex	Completed	\$434,106	06/10/13	A 06/10/13	08/31/15	A 08/31/15	100%	09/01/16	A 09/01/16	03/31/18	A 05/31/18	100%
8. SCIG Bridge and Road Review (2532200)	1189	Shimabukuro , Geraldine	Hold	\$200,000	01/12/15	A 01/12/15	06/30/16	06/30/16	95%	06/30/16	06/30/16	06/30/16	06/30/16	N/A
9. State Route 47/Vincent Thomas Bridge & Front St./Harbor Blvd Interchange Reconfiguration (2533400)	1172	Aziz, Sarah	Design	\$31,050,000	10/01/18	A 12/15/18	09/30/20	09/30/20	1%	04/01/21	04/01/21	03/30/23	03/30/23	N/A
10. Alameda Corridor Southern Terminus Gap Closure (2536600)	1172	Preciado, Noe	Design	\$10,056,000	12/07/15	A 12/07/15	04/30/19	04/30/19	85%	02/01/20	02/01/20	01/31/21	01/31/21	0%
11. Navy Way Speed Hump Reconstruction and Restriping (2538300)	1172	Konareddy, Prashant	Bid (Adv.) and Award	\$1,850,000	09/01/16	A 09/01/16	07/31/17	A 07/31/17	100%	09/03/18	01/15/19	03/29/19	03/29/19	0%
12. Water Street Resurfacing (2538500)	1172	Hunt, Alex	Completed	\$800,000	09/01/16	A 09/01/16	03/10/17	A 03/10/17	100%	10/01/18	A 08/22/18	03/29/19	A 10/15/18	100%
13. Reeves Avenue Resurfacing (2538700)	1172	Aziz, Sarah	Completed	\$660,000	09/01/16	A 09/01/16	02/10/17	A 02/10/17	100%	12/01/18	A 10/01/18	05/31/19	A 11/30/18	100%
14. Miner Street Resurfacing (2538800)	1172	Aziz, Sarah	Completed	\$500,000	12/08/16	A 12/08/16	04/07/17	A 04/07/17	100%	11/01/18	A 09/17/18	04/05/19	A 11/16/18	100%
15. B. 200 - Rail Yard and Track Connections Enhancements (2540800)	1172	Shimabukuro , Geraldine	Bid (Adv.) and Award	\$6,700,000	08/08/16	A 08/08/16	09/20/18	A 09/20/18	100%	04/01/19	04/01/19	04/01/20	04/01/20	0%
16. Waterside Emergency Access - Various Locations (2542400)	1172	Gutierrez, Mimi	Closed	\$103,366	02/01/17	A 01/20/17	03/02/17	A 09/15/17	100%	03/13/17	A 09/26/17	07/31/17	A 07/19/18	100%
17. Pier A - Street Resurfacing (2542900)	1172	Hunt, Alex	Completed	\$1,200,000	09/01/17	A 09/01/17	01/31/18	A 01/31/18	100%	04/01/18	A 07/30/18	07/31/18	A 08/10/18	100%
18. Swinford Street, Front Street, and Regan Street - Resurfacing Project (2543100)	1172	Konareddy, Prashant	Design	\$850,000	09/01/17	A 09/01/17	01/31/19	01/31/19	90%	03/01/19	03/01/19	12/28/19	12/28/19	0%
19. Alameda Street & Dispatch Hall Driveway Traffic Signal (2544900)	1172	Hunt, Alex	Completed	\$633,000	09/01/17	A 09/01/17	09/30/18	A 01/31/18	100%	12/01/18	A 02/20/18	02/28/19	A 06/30/18	100%
20. B. 200 - Roadway Improvements (2549400)	1172	Newbold, Adrienne	Bid (Adv.) and Award	\$209,060	06/02/18	A 06/02/18	09/30/18	A 10/31/18	100%	01/01/19	02/01/19	06/30/19	05/30/19	0%
21. Access Road Adjacent to Praxair, Inc. Resurfacing (2551400)	1172	Hunt, Alex	Design	\$600,000	11/01/18	A 10/16/18	08/31/19	08/31/19	40%	12/01/19	12/01/19	03/31/20	03/31/20	0%
22. Henry Ford Avenue and Anchorage Road Improvements (2551600)	1172	Hunt, Alex	Bid (Adv.) and Award	\$50,000	11/01/18	A 11/01/18	12/31/18	A 12/31/18	100%	03/01/19	03/01/19	04/30/19	04/30/19	0%

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
23. Southern California International Gateway (SCIG) Environmental Assessment (2552500)	1189	Ochsner, Lisa	Environmenta l	\$700,000	12/01/18	A 12/01/18	12/01/18	A 12/01/18	N/A	12/01/18	A 12/01/18	12/01/19	12/01/19	1%
24. C Street/I-110 Access Ramp Improvements Right of Way Transfer (2552800)	1172	Konareddy, Prashant	Planning	\$95,000	02/28/19	02/28/19	02/28/19	02/28/19	N/A	03/01/19	03/01/19	08/30/21	08/30/21	0%
25. B. 200 - Roadway Improvements & Extension (2554000)	1172	Harne, Melissa	Planning	\$6,390,000	02/02/20	02/02/20	07/31/21	07/31/21	0%	02/01/22	02/01/22	02/01/23	02/01/23	0%
TRANSPORTATION IMPROVEMENTS TOTAL				\$353,319,892										
TRANSPORTATION TOTAL				\$353,319,892										
III. Security														
Homeland Security														
1. Port Police - 700 MHz Radio System - Phase I (2542000)	1179	Bosso, Homero	Construction	\$1,202,310	10/31/16	A 10/31/16	12/31/16	A 12/31/16	100%	08/30/17	A 08/30/17	08/30/19	08/30/19	50%
2. Port Police - 700 MHz Radio System - Phase II (2542100)	1179	Schutte, Katrina	Design	\$17,468,453	10/31/16	A 10/31/16	01/31/19	01/31/19	95%	02/01/19	02/01/19	06/30/21	06/30/21	0%
3. Port Police - Catalina Island Radio Repeater Site (2546500)	1179	Bosso, Homero	Construction	\$400,352	10/01/17	A 10/01/17	10/01/17	A 10/01/17	N/A	10/01/17	A 10/01/17	06/30/19	06/30/19	50%
4. Port Police - Integrated Computer Aided Dispatch and Records Management System (CAD/RMS) (2547900)	1179	Schutte, Katrina	Bid (Adv.) and Award	\$2,556,715	04/30/18	A 04/30/18	04/30/18	A 04/30/18	N/A	11/02/18	02/01/19	11/02/19	11/30/19	0%
5. Port Police - Fixed License Plate Reader (LPR) System (2548000)	1179	Schutte, Katrina	Bid (Adv.) and Award	\$571,649	04/30/18	A 04/30/18	04/30/18	A 04/30/18	N/A	12/01/18	02/01/19	12/31/19	12/31/19	0%
6. 120 W "C" Street Port Police Canine Training Site Improvements (2549000)	1179	Hughes, Danny	Completed	\$73,818	03/01/18	A 03/01/18	03/01/18	A 03/01/18	N/A	03/02/18	A 03/02/18	06/01/18	A 07/31/18	100%
HOMELAND SECURITY TOTAL				\$22,273,297										
SECURITY TOTAL				\$22,273,297										
IV. Public Access/Environmental Enhancements														
Port-Wide Public Enhancements														
1. Front Street Beautification (2504700)	1167	Aziz, Sarah	Hold	\$7,300,000	10/30/11	A 10/30/11	08/31/15	A 08/31/15	100%	04/01/15	A 04/01/15	09/30/19	10/30/19	5%
PORT-WIDE PUBLIC ENHANCEMENTS TOTAL				\$7,300,000										
Los Angeles Waterfront														
1. San Pedro Waterfront														
1. San Pedro Waterfront - Harbor Boulevard (SP Slip to 22nd St.) Roadway Improvements (2488200)	1169	Harne, Melissa	Hold	\$22,000,000	03/01/17	03/01/17	07/01/18	07/01/18	0%	01/03/19	01/03/19	01/03/21	01/03/21	0%
2. San Pedro Waterfront - B. 57 - Wharf Demolition, Seawall Repair, and Street Improvements (2500600)	1182	Grossi, Chris	Hold	\$21,725,000	01/01/19	01/01/19	06/30/20	06/30/20	0%	01/01/21	01/01/21	06/30/22	06/30/22	0%

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					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
3. San Pedro Waterfront - Sampson Way Roadway Improvements - 7th Street & Harbor Blvd. Intersection (2509400)	1169	Leon, Laura	Completed	\$15,665,000	07/01/14	A 07/01/14	02/22/16	A 02/22/16	100%	10/31/16	A 10/31/16	08/28/18	A 08/11/18	100%
4. San Pedro Waterfront - B. 57 - AltaSea Environmental Assessment (2531800)	1182	Wunder, Lisa	Hold	\$1,000,000	01/05/15	A 01/05/15	01/05/15	A 01/05/15	N/A	01/05/15	A 01/05/15	02/28/18	02/28/18	70%
5. San Pedro Waterfront - Ports O' Call Promenade and Town Square - Phase I (2532100)	1185	Honeybone, Christine	Construction	\$32,200,000	07/01/15	A 07/01/15	01/29/19	01/29/19	95%	03/05/18	A 03/05/18	01/29/21	01/29/21	10%
6. San Pedro Waterfront - B. 79 - Buildings Demolition (2538000)	1185	Grossi, Chris	Closed	\$0	01/20/16	A 01/20/16	11/14/18	11/14/18	90%	05/16/19	05/16/19	11/16/21	05/16/19	0%
7. San Pedro Waterfront - B. 80-83 - Buildings and Floats Demolition (2538100)	1185	Grossi, Chris	Completed	\$958,000	01/19/16	A 01/19/16	09/01/18	A 09/01/18	100%	01/09/17	A 01/09/17	09/03/21	A 01/15/19	100%
8. San Pedro Waterfront - B. 78 - Chevron Clean-up - Phase I (2538200)	1185	Grossi, Chris	Construction	\$1,500,000	01/19/16	A 01/19/16	01/22/18	A 01/22/18	100%	12/03/18	A 12/03/18	05/01/19	05/01/19	15%
9. San Pedro Waterfront - B. 80-83 - Waterside Improvements (2539000)	1185	Grossi, Chris	Design	\$4,218,660	03/01/16	A 03/01/16	01/29/19	01/29/19	95%	07/31/19	07/31/19	09/30/22	09/30/22	0%
10. San Pedro Waterfront - Harbor Boulevard From Miner Street to SP Slip Roadway Improvements (2543000)	1169	Harne, Melissa	Design	\$6,000,000	01/03/17	A 01/03/17	09/18/19	09/18/19	82%	03/20/20	03/20/20	03/20/21	03/20/21	0%
11. Harbor Boulevard - Automated Public Toilet Retrofits (2546000)	1207	Reeser, Kenneth	Completed	\$158,034	08/26/17	A 08/26/17	08/26/17	A 08/26/17	N/A	09/24/17	A 10/08/17	06/30/18	A 05/17/18	100%
12. San Pedro Waterfront - Downtown Harbor Water Cut Sheet Piling Movement Investigation for Repair (2547500)	1183	Posadas, John	Closed	\$0	11/20/17	A 11/20/17	11/20/17	A 11/20/17	N/A	11/20/17	A 11/20/17	03/31/19	03/31/19	40%
13. San Pedro Waterfront - 34.5KV Electric Utility Service (2548400)	1169	Baird, Scott	Design	\$4,000,000	02/01/18	A 02/01/18	01/31/19	01/31/19	28%	07/01/19	07/01/19	01/31/20	01/31/20	0%
14. San Pedro Waterfront - Town Square Public Restrooms (2551300)	1185	Martinez, Anabel	Planning	\$958,400	10/24/18	01/15/19	07/02/19	07/02/19	0%	12/18/19	12/18/19	06/02/20	06/02/20	0%
15. San Pedro Waterfront - B. 78 Chevron Clean Up - Phase II (2552300)	1185	Grossi, Chris	Design	\$1,500,000	01/19/16	A 01/19/16	09/30/20	09/30/20	5%	04/01/21	04/01/21	09/30/22	09/30/22	0%
16. San Pedro Waterfront - Ports O' Call Promenade - Phase II (2552600)	1185	Honeybone, Christine	Design	\$8,200,000	07/01/15	A 07/01/15	09/30/20	09/30/20	60%	04/01/21	04/01/21	09/30/22	09/30/22	0%
SAN PEDRO WATERFRONT TOTAL				\$120,083,094										
2. Wilmington Waterfront Development														
1. Wilmington Waterfront Park Street Vacations (2525600)	1040	Brown, James	Design	\$265,000	01/02/14	A 01/02/14	06/02/19	06/02/19	60%	08/04/19	08/04/19	01/05/21	01/05/21	0%
2. Wilmington Waterfront Promenade (2533000)	1040	Cisneros, Hugo	Design	\$52,700,000	07/06/15	A 07/06/15	02/28/19	02/28/19	94%	09/01/19	09/01/19	09/01/21	09/01/21	0%
3. Wilmington Waterfront - Avalon Promenade and Gateway (2537700)	1040	Cisneros, Hugo	Design	\$23,800,000	02/03/17	A 02/03/17	03/30/20	03/30/20	31%	10/01/20	10/01/20	10/01/22	10/01/22	0%
4. Wilmington Waterfront Signage Improvements (2538600)	1040	Shimabukuro, Geraldine	Construction	\$600,000	05/01/16	A 05/01/16	10/31/17	A 10/31/17	100%	02/01/18	A 02/01/18	03/31/19	03/31/19	70%
5. Wilmington Waterfront - West End Park Improvements (2543200)	1040	Wooster, Carly	Construction	\$481,000	07/01/17	A 07/28/17	03/31/18	A 04/27/18	100%	10/01/18	A 06/04/18	03/31/19	03/31/19	50%
6. Wilmington Waterfront - Site Characterization Assessments (2545600)	1040	Sun, Pauling	Environmenta	\$560,000	08/02/17	A 08/02/17	08/02/17	A 08/02/17	N/A	08/02/17	A 08/02/17	03/30/20	03/30/20	50%

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
7. Wilmington Waterfront Park - Splash Fountain Methane Alarm Panel Replacement (2553400)	1040	Hazelett, Phil	Bid (Adv.) and Award	\$25,000	12/08/18	^A 12/08/18	12/08/18	^A 12/08/18	N/A	02/10/19	02/10/19	04/30/19	04/30/19	0%
8. Wilmington Youth Sailing and Aquatic Center (2553600)	1040	Low, Bryan	Planning	\$3,100,000	01/18/19	01/18/19	10/14/19	10/14/19	0%	04/14/20	04/14/20	04/11/21	04/11/21	0%
WILMINGTON WATERFRONT DEVELOPMENT TOTAL				\$81,531,000										
LOS ANGELES WATERFRONT TOTAL				\$201,614,094										
Environmental Enhancements														
1. Pacific Harbor Line - Locomotive Electric Charger (2549200)	1002	Hoang, Dac	Construction	\$200,000	03/08/18	^A 03/08/18	07/31/18	^A 07/31/18	100%	08/01/18	^A 08/01/18	08/30/19	08/30/19	70%
ENVIRONMENTAL ENHANCEMENTS TOTAL				\$200,000										
PUBLIC ACCESS/ENVIRONMENTAL ENHANCEMENTS TOTAL				\$209,114,094										
V. Maritime Services														
Harbor Department Facilities														
1. B. 161 - Marine Ways Modifications (2486100)	1029	Han, Edward	Construction	\$3,070,000	03/15/13	^A 03/15/13	12/31/17	^A 12/31/17	100%	07/09/18	^A 07/09/18	07/31/19	01/31/19	95%
2. Harbor Administration Building - HVAC Replacement (2509600)	1003	SooHoo, Ken	Design	\$9,500,000	02/14/14	^A 02/14/14	04/26/19	04/26/19	60%	11/04/19	11/04/19	10/30/20	10/30/20	0%
3. Harbor Administration Building - 4th Floor Work Space Solutions (2517900)	1003	Macias, Emilio	Bid (Adv.) and Award	\$3,667,200	10/01/17	^A 10/01/17	11/30/18	^A 11/30/18	100%	04/01/19	04/01/19	12/20/19	12/20/19	0%
4. Klein Billing and Port Pilot Systems Enhancement (2532400)	1206	Wei, Kelvin	Construction	\$1,618,000	04/01/15	^A 04/01/15	04/01/15	^A 04/01/15	N/A	07/01/15	^A 07/01/15	08/31/20	08/31/20	70%
5. Web-Based Construction Management System (2532900)	1206	Adams, Charles	Completed	\$339,000	09/24/15	^A 09/24/15	08/31/17	^A 09/30/17	100%	09/01/17	^A 10/01/17	02/28/18	^A 03/31/18	100%
6. Harbor Administration Building - IT HVAC Emergency Back Up Unit (2539200)	1003	Smith, Charles	Closed	\$415,445	02/18/16	^A 02/18/16	02/18/16	^A 02/18/16	N/A	05/16/16	^A 05/16/16	03/31/18	^A 03/31/18	100%
7. B. 186 - Banning's Landing HVAC System Upgrade (2541000)	1207	Reeser, Kenneth	Closed	\$289,173	08/01/16	^A 08/01/16	08/01/16	^A 08/01/16	N/A	06/19/17	^A 06/19/17	04/30/18	^A 04/30/18	100%
8. B. 161 - Elevator Modernization (2542500)	1029	Reeser, Kenneth	Construction	\$241,000	01/04/17	^A 01/04/17	01/04/17	^A 01/04/17	100%	12/05/17	^A 12/05/17	02/28/19	02/28/19	80%
9. B. 161 - Installation of Electrical Vehicle Chargers (2544400)	1207	Aboulhosn, Shawki	Completed	\$135,175	04/20/17	^A 04/20/17	05/04/17	^A 05/04/17	100%	05/06/17	^A 05/06/17	02/16/18	^A 03/16/18	100%
10. Harbor Administration Building - New Skylight at Penthouse Roof (2545100)	1002	Reeser, Kenneth	Completed	\$71,392	08/13/17	^A 08/13/17	08/19/17	^A 08/19/17	100%	08/20/17	^A 08/20/17	04/30/18	^A 04/30/18	100%
11. B. 161 - C&M Maintenance Yard Carpenter Shop Remodel (2545200)	1029	Reeser, Kenneth	Completed	\$1,116,019	07/11/17	^A 07/11/17	07/11/17	^A 07/11/17	100%	07/20/17	^A 07/20/17	10/31/18	^A 10/31/18	100%
12. Harbor Administrative Building - Garage Doors Replacement (2545500)	1003	Koerber, Matt	Bid (Adv.) and Award	\$394,000	09/01/17	^A 09/01/17	03/14/18	^A 03/14/18	100%	01/03/19	01/22/19	07/05/19	07/05/19	0%
13. B. 161 - Equipment Operations Building Renovation (2545700)	1207	Reeser, Kenneth	Design	\$1,000,000	10/24/17	^A 10/24/17	02/01/19	02/01/19	99%	02/02/19	02/02/19	02/04/20	02/04/20	0%

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					Baseline	Start Projected	Baseline	Finish Projected		Baseline	Start Projected	Baseline	Finish Projected	
14. 272 South Fries Ave - Building Improvements (2545800)	1207	Reeser, Kenneth	Construction	\$800,000	09/02/17	^A 09/02/17	09/02/17	^A 09/02/17	N/A	12/17/17	^A 12/17/17	03/31/19	03/31/19	90%
15. 514 Pier A Street - Soils Lab Interior Upgrades (2546200)	1029	Reeser, Kenneth	Completed	\$73,994	09/16/17	^A 09/16/17	09/16/17	^A 09/16/17	N/A	12/10/17	^A 01/16/18	08/30/18	^A 09/17/18	100%
16. 514 Pier A Street - Soils Lab Elevator Modernization (2546400)	1029	Reeser, Kenneth	Construction	\$150,000	09/16/17	^A 09/16/17	09/16/17	^A 09/16/17	N/A	10/01/18	^A 10/15/18	03/01/19	02/28/19	5%
17. B. 161 - Warehouse Lighting Overhaul (2546800)	1029	Basha, George	Construction	\$170,000	10/15/17	^A 10/15/17	10/15/17	^A 10/15/17	N/A	11/19/17	^A 08/15/18	03/31/19	03/31/19	90%
18. Harbor Administration Building - Exterior Landscaping (2547000)	1003	Wooster, Carly	Construction	\$100,000	10/17/17	^A 10/17/17	11/22/17	^A 12/22/17	100%	11/27/17	^A 03/12/18	01/03/18	05/30/19	40%
19. Harbor Administration Building - 3rd Floor Conference Rooms Upgrades (2547300)	1003	Kuo, Rodger	Completed	\$33,415	11/02/17	^A 12/04/17	12/30/17	^A 01/31/18	100%	01/15/18	^A 02/16/18	04/30/18	^A 09/30/18	100%
20. B. 161 - Electrical Improvement Project - Phase 2 (2548700)	1207	Basha, George	Construction	\$395,000	04/07/18	^A 04/07/18	04/07/18	^A 04/07/18	N/A	06/10/18	^A 08/01/18	01/31/19	01/31/19	95%
21. Harbor Administration Building - Exterior Frame Repair (2549500)	1003	Posadas, John	Bid (Adv.) and Award	\$940,000	04/07/18	^A 04/07/18	11/30/18	^A 12/31/18	100%	01/01/19	02/01/19	09/30/19	09/30/19	0%
22. Pilot Boats Replacement (2549600)	1104	Flinn, David	Bid (Adv.) and Award	\$7,140,000	07/01/18	^A 07/01/18	12/01/18	^A 07/01/18	N/A	02/01/19	02/01/19	04/01/20	04/01/20	0%
23. B. 161 - HVAC/Sheet Metal Shop Reorganization (2549800)	1029	Smith, Charles	Construction	\$40,000	04/02/18	^A 04/02/18	04/02/18	^A 10/15/18	100%	07/01/18	^A 10/26/18	07/30/18	06/30/19	40%
24. B. 68 - Port Pilot Station 1st & 2nd Floor Office Space Reconfiguration (2550000)	1085	Macias, Emilio	Construction	\$39,800	02/28/18	^A 02/28/18	04/16/18	^A 06/15/18	100%	04/23/18	^A 06/22/18	05/22/18	01/31/19	80%
25. Pilot Boat Swing Propulsion (2550200)	1207	Orozco, David	Bid (Adv.) and Award	\$235,000	06/02/18	^A 06/02/18	06/02/18	^A 06/02/18	N/A	11/01/18	02/01/19	05/30/19	05/30/19	0%
26. B. 161 - C&M Yard Wi-Fi Expansion (2550300)	1029	Wooster, Andy	Construction	\$167,000	09/01/18	^A 12/14/18	11/30/18	^A 12/14/18	N/A	12/01/18	^A 12/15/18	06/30/19	06/30/19	5%
27. B. 68 - Port Pilot Station Fire Protection System (2550500)	1207	Hazelett, Phil	Completed	\$259,513	07/15/18	^A 07/15/18	07/21/18	^A 07/21/18	100%	07/22/18	^A 07/22/18	12/31/18	^A 11/01/18	100%
28. Harbor Administration Building - Patio Leak Repair - Phase III (2550700)	1003	Reeser, Kenneth	Construction	\$1,500,000	07/14/18	^A 07/14/18	07/14/18	^A 07/14/18	N/A	10/14/18	^A 10/14/18	01/31/20	01/31/20	5%
29. Harbor Administration Building - 2nd Floor Workspace Solutions (2551000)	1003	Asuncion, Tom	Bid (Adv.) and Award	\$320,000	04/01/18	^A 04/01/18	08/31/18	^A 09/30/18	100%	02/01/19	02/01/19	08/31/19	08/31/19	0%
30. Harbor Administration Building - 5th Floor Workspace Solutions (2551100)	1003	Kuo, Rodger	Bid (Adv.) and Award	\$1,833,500	04/01/18	^A 04/01/18	11/30/18	^A 11/30/18	100%	04/01/19	04/01/19	12/20/19	12/20/19	0%
31. B. 84 - Port Police Marine Office - Two Workstation Installation - Phase II (2551200)	1002	Asuncion, Tom	Construction	\$25,000	07/27/18	^A 07/27/18	08/17/18	^A 08/31/18	100%	08/23/18	^A 11/01/18	09/17/18	02/14/19	1%
32. Harbor Administration Building - Board Hearing Room and Executive Session Room Remodel (2551900)	1003	Low, Bryan	Planning	\$1,485,000	02/03/19	02/03/19	05/01/20	05/01/20	0%	11/03/20	11/03/20	11/03/21	11/03/21	0%
33. Liberty Plaza Parking Lot (2552000)	1003	Aziz, Sarah	Design	\$420,000	11/01/18	^A 11/01/18	08/31/19	08/31/19	5%	12/01/19	12/01/19	03/31/20	03/31/20	0%
34. B. 161 C&M Administration Building - Fall Protection System (2552200)	1029	Hazelett, Phil	Bid (Adv.) and Award	\$55,000	10/06/18	^A 10/06/18	10/06/18	^A 10/06/18	N/A	12/06/18	01/15/19	06/30/19	06/30/19	0%
35. Port of Los Angeles Police Headquarters - Air Conditioning Replacement (2552400)	1181	Smith, Charles	Design	\$1,335,000	01/01/19	^A 01/01/19	03/30/19	03/30/19	1%	07/02/19	07/02/19	01/31/20	01/31/20	0%

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					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
36. B. 161 - C&M Yard Mass Notification System (2553200)	1029	Hazelett, Phil	Construction	\$298,000	12/01/18	A 12/01/18	12/01/18	A 12/01/18	N/A	02/07/19	A 12/02/18	03/31/19	03/31/19	20%
37. 272 S. Fries Ave - Re-pipe Water Supply (2553800)	1002	Reeser, Kenneth	Bid (Adv.) and Award	\$94,000	12/31/18	A 12/31/18	12/31/18	A 12/31/18	N/A	01/31/19	01/31/19	05/31/19	05/31/19	0%
HARBOR DEPARTMENT FACILITIES TOTAL				\$39,765,626										
Miscellaneous Projects														
1. Badger Avenue Bridge Rehabilitation (2525000)	1002	SooHoo, Ken	Completed	\$2,036,000	04/19/14	A 04/19/14	02/24/16	A 02/24/16	100%	09/01/16	A 09/01/16	09/01/17	A 08/28/17	100%
2. B. 84 - Maritime Museum Wharf Rehabilitation (2526200)	1002	Becaria, Lily	Completed	\$2,428,466	06/27/14	A 06/27/14	01/29/16	A 01/29/16	100%	09/19/16	A 09/19/16	12/31/17	A 01/31/18	100%
3. 300 Water Street - Office Building Re-Roof and Cooling Tower Replacement (2528900)	1002	Reeser, Kenneth	Completed	\$940,500	07/10/14	A 07/10/14	07/10/14	A 07/10/14	N/A	03/12/18	A 03/12/18	12/31/18	A 12/31/18	100%
4. Ports O'Call - American Disability Act Compliant Restrooms (2531700)	1002	Grossi, Chris	Completed	\$1,321,567	11/26/14	A 11/26/14	08/30/15	A 08/30/15	100%	09/01/15	A 09/01/15	05/31/18	A 06/30/18	100%
5. B. 85 - Port Police Float System Replacement (2534900)	1002	Becaria, Lily	Planning	\$1,500,000	07/01/15	A 07/01/15	07/01/15	A 07/01/15	N/A	02/01/17	11/01/17	12/24/17	12/24/17	0%
6. B. 72 - Municipal Fish Market - Chiller Unit Electrical Replacement (2540300)	1002	Aboulhosn, Shawki	Completed	\$49,727	06/28/16	A 06/28/16	07/18/16	A 11/03/16	100%	08/02/16	A 01/24/17	08/31/16	A 10/04/18	100%
7. Badger Avenue Bridge Conley Joints Purchase (2541200)	1002	Smith, Charles	Closed	\$422,320	09/15/16	A 09/15/16	09/15/16	A 09/15/16	N/A	11/07/17	A 11/09/17	12/31/18	A 10/29/18	100%
8. Tri-Marine Fish Company Lighting Upgrade (2545000)	1002	Gabriel, Verdy	Closed	\$94,488	06/13/17	A 06/13/17	08/18/17	A 07/25/17	100%	10/02/17	A 10/02/17	11/30/17	A 04/30/18	100%
9. POLA Sidewalk Repair Program - Sidewalk within POLA Facilities (2546300)	1002	Castro, Christian	Construction	\$3,600,000	09/07/17	A 09/07/17	12/31/21	12/31/21	10%	12/01/17	A 06/05/18	06/30/22	06/30/22	5%
10. Cabrillo Way Marina - Water Leak Detection System (2546700)	1091	Hazelett, Phil	Completed	\$172,226	10/14/17	A 10/14/17	10/14/17	A 10/14/17	N/A	02/16/18	A 02/16/18	10/31/18	A 10/31/18	100%
11. B. 155A - Building Improvements (2547100)	1207	Reeser, Kenneth	Construction	\$2,003,575	04/21/18	A 04/21/18	04/21/18	A 04/21/18	N/A	04/22/18	A 04/22/18	12/31/19	12/31/19	45%
12. Vincent Thomas Bridge Air Gap Sensor Electrical Installation (2547600)	1002	Shimabukuro, Geraldine	Closed	\$41,528	12/03/17	A 12/03/17	12/03/17	A 12/03/17	N/A	12/04/17	A 12/04/17	07/01/18	A 05/30/18	100%
13. Cabrillo Way Marina - Electrical Service Meter Separation (2548100)	1091	Hoang, Dac	Construction	\$81,000	12/27/17	A 12/27/17	04/24/18	A 11/16/18	100%	04/26/18	A 11/19/18	07/24/18	02/16/19	15%
14. B. 94 - 147 - Underwharf Pipeline Hangers Replacement (2548500)	1207	Hazelett, Phil	Completed	\$750,000	01/12/18	A 01/12/18	01/12/18	A 01/12/18	N/A	02/23/18	A 02/23/18	10/31/18	A 11/30/18	100%
15. Warehouse No. 1 - Elevator No. 4 Door Replacement (2548600)	1002	Smith, Charles	Bid (Adv.) and Award	\$98,792	02/10/18	A 02/10/18	02/10/18	A 02/10/18	N/A	07/08/18	01/15/19	01/31/19	06/30/19	0%
16. 249 Cannery Street Building Demolition (2548800)	1002	Han, Edward	Design	\$1,378,000	07/01/18	A 07/16/18	12/31/18	01/31/19	80%	07/01/19	03/01/19	12/31/19	12/31/19	0%
17. Cabrillo Way Marina - Gazebo and Sidewalk Repair (2548900)	1091	Wooster, Carly	Completed	\$153,291	11/06/17	A 11/06/17	04/08/18	A 05/08/18	100%	04/10/18	A 05/09/18	02/28/19	A 08/29/18	100%
18. FY 18/19 CIP Deferred Maintenance Projects (2549100)	1207	Cardamone, Janie	Planning	\$747,000	07/01/18	A 07/01/18	06/30/19	06/30/19	N/A	07/01/18	A 07/01/18	06/30/19	06/30/19	N/A
19. B. 51 - Access Improvements (2549300)	1002	Matsumoto, Briella	Construction	\$191,600	05/02/18	A 05/02/18	06/30/18	A 07/30/18	100%	10/01/18	A 10/01/18	12/31/18	01/31/19	100%

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					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
20. B. 263 - Tri-Marine Driveway Paving (2550100)	1002	Brown, James	Completed	\$80,000	05/15/18	A 05/15/18	06/13/18	A 07/16/18	100%	07/14/18	A 08/16/18	11/10/18	A 12/21/18	100%
21. Badger Avenue Bridge Miter Joints Purchase (2550800)	1002	Smith, Charles	Bid (Adv.) and Award	\$313,200	07/12/18	A 07/12/18	07/12/18	A 07/12/18	N/A	11/01/18	02/01/19	12/31/19	12/31/19	0%
22. B. 95 - Catalina Channel Express - Parking Improvements (2550900)	1002	Harne, Melissa	Design	\$250,000	09/10/18	A 09/10/18	03/08/19	03/08/19	2%	07/07/19	07/07/19	11/03/19	11/03/19	0%
23. B. 46 - Potable Water Pier Heads Installation (2551500)	1002	Hazelett, Phil	Construction	\$180,000	09/15/18	A 09/15/18	09/15/18	A 09/15/18	N/A	12/01/18	A 12/01/18	02/28/19	02/28/19	2%
24. Pacific Maritime Association (PMA) Lashing Training Station Project (2551700)	1002	Brown, James	Construction	\$287,000	10/31/18	A 11/07/18	10/31/18	A 11/07/18	N/A	11/01/18	A 11/08/18	02/27/19	02/27/19	20%
25. Cabrillo Beach Floating Dock Replacement (2552700)	1207	Orozco, David	Bid (Adv.) and Award	\$450,000	11/17/18	A 11/17/18	11/17/18	A 11/17/18	N/A	03/01/19	03/01/19	06/30/19	06/30/19	0%
26. B. 46 - 72 - Underwharf Pipeline Hangers Replacement (2553300)	1002	Hazelett, Phil	Planning	\$250,000	02/01/19	02/01/19	02/28/19	02/28/19	N/A	06/01/19	06/01/19	12/31/19	12/31/19	0%
27. 801 Reeves Ave - Fire Alarm Panel Replacement (2553500)	1002	Hazelett, Phil	Bid (Adv.) and Award	\$39,000	12/01/18	A 12/01/18	12/01/18	A 12/01/18	N/A	01/31/19	01/31/19	03/31/19	03/31/19	0%
28. B. 73 - Fender Pile Replacement and Camel Log Placement (2553700)	1002	Orozco, David	Construction	\$1,560,000	12/13/18	A 12/13/18	12/14/18	A 12/14/18	N/A	12/31/18	A 12/31/18	06/30/19	06/30/19	5%
MISCELLANEOUS PROJECTS TOTAL				\$21,419,279										
Unallocated Capital Improvement Program Fund														
1. Unallocated Capital Improvement Program Fund (190000)		Cardamone, Janie	Future	\$295,260,000	01/00/00	07/01/28	01/00/00	07/01/28	N/A	01/00/00	07/01/28	01/00/00	07/01/28	N/A
UNALLOCATED CAPITAL IMPROVEMENT PROGRAM FUND TOTAL				\$295,260,000										
MARITIME SERVICES TOTAL				\$356,444,905										
CIP TOTAL COST				\$2,027,309,557										

EXHIBIT "B"

SCOPE OF WORK

I. Detailed Scope of Services

Harbor Department Engineering Guidelines: Consultant acknowledges receipt, review and understanding of the City's Harbor Department's "Engineering Design Guidelines," and "CAD Manual" ("Guidelines") and shall perform this Scope of Work in accordance with Guidelines.

Task 1 - Project Management and Coordination

Consultant shall provide state-of-the-art project management services throughout the term of the Agreement. This project management effort shall be provided for the following processes: Project initiation, Project planning and scheduling, Project controls, Project execution, and Project administration and closing. Consultant shall deal with issues, including, but not limited to, Project integration, Project scope development, Project management, cost management, quality assurance and control issues, staffing requirements, Project communications, and Project risk management.

Consultant shall initiate, plan, execute, direct, control, and administer the Project by effectively organizing, staffing, directing, integrating, and coordinating the required Project Tasks and Subtasks. These services shall be performed in a professional fashion as per current project management principals, guidelines, and standards promoted by recognized project management organizations and institutions. This task includes the following:

Task 1.A - Project Management Plan

Consultant shall provide a detailed project management plan (PMP) including information on coordination with appropriate agencies to ensure timely completion of the Plans, Specifications (using SpecLink software and submitted in SpecLink format), Estimates (PS&E) packages. This plan shall include a schedule for milestone completion and an hourly breakdown for each task and subtask. The PMP shall be delivered within 30 days of the first Notice to Proceed issued under the Agreement.

Task 1.A - Deliverables

Consultant shall produce the original work product and ten copies or exact reproductions thereof of all deliverables submitted to the City. Deliverables may include, but are not limited to, drawings and/or plans, specifications, estimates, reports, records, reference material, data, charts, documents, renderings, computations, computer tapes or disks, and other items of any type whatsoever, whether in the form of writing, figures, delineation or electronic data prepared or compiled in connection with this Agreement.

1. Drawings produced by Consultant shall conform to the best standards of the profession in which the generator of the drawings practices. Information shall be organized in a logical, systematic manner, using the necessary number of drawings required to maintain clarity and completeness. Drawings and specifications shall fully delineate the work to be done and materials required. Dimensions, diagrams, descriptions, cross sections, and details shall demonstrate adequacy of design for review, permitting, bidding, and construction.
2. Reports shall be prepared on a word processor and hard copy submittals shall be on 8-1/2" X 11" size white paper unless otherwise approved by Engineer. Specifications shall be prepared using SpecLink software and submitted in SpecLink format. Specification hard copy submittals shall be on 8-1/2" X 11" size white paper unless otherwise approved by Engineer. Submittals shall be bound, except any final submittal intended solely for reproduction by City shall be unbound. Pages shall be numbered in the lower margin. Reports shall include a title page and table of contents with lists of exhibits, plates and appendices. Information shall be presented in a clear, logical, and organized manner which will facilitate review by the reader. Reports and studies shall be submitted in draft or preliminary form for review prior to the final submittal. Specifications shall be prepared in conformance with the format of the Construction Specifications Institute, unless Engineer otherwise directs.
3. Unless otherwise directed in writing, Consultant shall submit all deliverables, such as reports, drawings, specifications, designs, calculations, schedules and all work necessary to produce its deliverables, in an electronic format (AutoCad and/or PDF) acceptable to Engineer in addition to the hard copies. Consultant shall assure at the start of Project that its proposed method of electronic submittal to City is consistent with City's computer hardware, networking and software systems, including layering of information and the attachment of data files to the drawings. Pertinent data gathered during the course of the work will be entered into an electronic database (if required) acceptable to Engineer. In conjunction with the submittal of computer-generated calculations, Consultant shall document the appropriateness of the selected software to the task and clearly describe the input/output and default elements of the software and their relation to the Project.
4. Unless Engineer otherwise directs in writing, the drawings are to be electronically generated on a CAD (Computer Aided Drafting) system equal to or compatible by translation with the City's AutoCAD system. To enable drawing elements to be manipulated and translations to be efficient, all CAD-generated drawings shall be developed as dimensionally and geometrically precise models (to three decimal places) of the work depicted. For a CAD system other than AutoCAD, a translated representative sample (one sheet minimum of each discipline) must be included with each submittal. Consultant shall conform to the drafting standards, layering and symbology of City. Consultant will be apprised by City of its layering and symbology requirements prior to the start of work.

5. Signature and record drawing submittals shall be in electronic format as approved by Engineer as well as the original reproducible vellum. Each original drawing sheet shall be stamped and signed by an engineer or architect appropriately licensed to practice in the State of California.

Task 1.B - Suitability of Work and Consultant Cooperation

Consultant shall furnish, in accordance with the agreed upon schedule, a complete, practical, economical design, plans, specifications, and estimates (if such plans and specifications are within the scope of Consultant's work), and related corrections and changes which are best suited for the contemplated construction, and ensure all work is completed in accordance with this Agreement and with sound engineering principles and is signed and sealed by a licensed Professional Engineer and/or Architect, as appropriate. Consultant shall, upon request of the Engineer, provide all calculations, data, charts, and other information of any type whatsoever which support its designs or other work performed pursuant to this Agreement. Consultant may not assert as a basis for refusing to provide such information that it is proprietary. Consultant shall satisfy Engineer that design decisions are based on objective evaluation of the requirements of the facility owner and user, meet site-specific conditions, comply with Project construction cost budget, and minimize long-term operation and maintenance costs. Consultant is aware and agrees that the City has the right to submit the Consultant's work product to independent design reviewers. Consultant agrees to fully cooperate with such reviewers if City determines review is appropriate. Consultant's obligation to cooperate shall include the obligation to respond in an objective professional manner to requests for information, and, if expressly requested by Engineer, to enter into a dialogue with the reviewer regarding the comments of the reviewer on the work

Task 1.C - Quality Assurance/Quality Control Plan

In conjunction with the PMP, the Consultant shall also prepare a quality assurance/quality control plan (QA/QC Plan) for the Project, within 30 days of issuance of the first Notice to Proceed under this Agreement. The QA/QC Plan shall be prepared in accordance with minimum requirements of City's Harbor Department, recognized professional standards, and shall identify procedures for reviewing and checking computations, design drawings and other submittals specific to the design phase for both Consultant and Subconsultants. The plan shall also identify roles and responsibilities for implementing and monitoring quality control and quality assurance. As part of the Consultant's QA/QC Plan, Consultant Senior Staff shall perform independent review of all documents for completeness, technical accuracy, and coordination and code compliance at the end of each work phase prior to submittal of deliverables to Engineer.

Task 1.D - Prepare Project Schedule

Consultant shall develop a computerized critical path method schedule (CPM Schedule) using Microsoft Project. This schedule shall be created in close coordination with the Engineer or Engineer's designee. The initial schedule shall be submitted 30 days after the issuance of the first Notice to Proceed under this Agreement. The schedule shall initially focus on design phase activities, including significant milestones, permits, utility coordination and related Tasks, to allow for effective planning, monitoring and reporting throughout the Project. It shall combine activities related to cost, planning and design,

reviews, delivery, and approvals and shall provide uniform guidance for planning, scheduling, budgeting, and coordination efforts. Updates to the schedule should coincide with the monthly Project Development Team (PDT) Meeting, where reporting shall take place.

Task 1.E - Monthly Progress Status Reports and Schedule Updates

Consultant shall prepare monthly progress reports that include an update to the key milestone delivery schedule and percent completion of each task worked on during that period. Consultant shall maintain the CPM Schedule. The schedule will be reviewed in close coordination with Engineer. Each month a schedule shall be issued for Project progress meetings and other public meetings where Project status and the schedule may be an agenda item. The CPM Schedule shall also be updated each month to show progress.

Task 1.F - Project Development Team (PDT) Meetings

Consultant shall attend monthly PDT meetings with Project stakeholders throughout the term of this Agreement. Consultant's Project Manager shall attend each meeting. It is anticipated that various other members of the Project team, including Subconsultants, shall attend the meetings, as needed. Consultant shall prepare an agenda and distribute meeting minutes, as well as track design contract action items. Monthly progress reports shall be presented and discussed at this meeting.

Task 1.G - Subconsultant Administration

Consultant shall administer all Subconsultants on this Project. All Subconsultant requests for information, questions, clarifications, and invoices shall be processed through the Consultant.

Task 1.H - Meetings, Permits, and Utility Coordination

Consultant shall attend meetings, conferences, hearings and provide drawings, applications and exhibits necessary to obtain all required approvals, plan checks, permits, variances and utility services/modifications for the Project. Consultant shall determine regulatory agency approvals, plan checks, permits and variances necessary for Project's design and construction unless the Engineer otherwise directs in writing. Consultant shall prepare and deliver to Engineer, for review and comment, minutes of all meetings attended within three (3) working days after the meeting, whether or not City is represented at said meetings, if the subject of such meeting is material to design of Project or if Engineer requests such meeting minutes.

NOTE: Project Management and Coordination services and costs are included within all major scope of services Tasks (Tasks 2.0 – 10.0) and so are not broken out separately as Task 1.0.

Task 2 - Geotechnical Engineering Services

Consultant will investigate the soil and subsurface conditions at the project site, and provide geotechnical recommendations for design of the project. The geotechnical work shall include, but not necessarily be limited to the following:

A. Review and Analysis of Existing Information:

1. Collect and review existing geotechnical reports, boring logs and other geotechnical information from adjacent and nearby projects, as well as from previously performed geotechnical work in the Project area.
2. Review and represent the site geology on plan, section, and profiles. Summarize soil parameters as presented in existing data.
3. Inspect site to determine existing site conditions.

B. Field Investigation:

1. Following review of available geotechnical information, Consultant shall develop a geotechnical work plan, including determination of the number of borings, cone penetration tests (CPT) or other data acquisition and testing required for design of the Project.
2. Submit a boring plan indicating the location and depths of all borings and CPTs for approval by Engineer prior to sampling. Boring plan shall indicate substructures in the vicinity of the proposed borings.
3. Detailed planning of field investigation:
 - a. Arrange for and schedule drillers.
 - b. Make preparations for sample handling, transportation, and testing.
 - c. Locate test borings.
 - d. Locate utilities and other onsite interferences and mark location on the ground.
 - e. Obtain necessary permits.
 - f. Schedule field staff.
4. Perform borings and other fieldwork as necessary for the surface and subsurface investigation. As initial surface and subsurface investigation is accomplished and data is reviewed, Consultant shall adjust boring depths, locations, and number of borings and CPTs using prudent engineering judgment and considering subsurface conditions and project requirements and as approved by Engineer. CPT data shall be obtained during borings.
5. Borings in uncontaminated areas shall be backfilled with soil cuttings except CPTs will not be backfilled. Borings and CPTs in contaminated

areas shall be backfilled with grout. Contaminated drilling spoils shall be left on-site in drums for disposal by others.

C. Laboratory Testing:

1. Perform laboratory testing to include, but not necessarily be limited to the following:
 - a. Index testing:
 - i. Moisture content/dry density
 - ii. Specific gravity
 - iii. Atterberg limits
 - iv. Sand equivalent
 - v. Sieve analysis
 - vi. Resistivity
 - b. Consolidation tests with time plot.
 - c. Soil Strength tests:
 - i. Triaxial compression
 - ii. Direct shear
 - iii. Standard penetration test
 - d. R-value or CBR tests.
 - e. Compaction tests.
 - f. Chemical analysis:
 - i. pH
 - ii. sulfates
 - iii. chlorides

D. Prepare Soil Data Report:

1. Prepare narrative summary of the site soil conditions and soil parameters as developed from review of existing data, borings, and laboratory testing.
2. Prepare and draft boring logs using GINT program.
3. Prepare site soil plan, profile, and cross sections.
4. Prepare data report.

E. Geotechnical Analysis:

The geotechnical analysis shall be based on both the currently available geotechnical site information and the results of the new field investigation. The following items shall be addressed by the geotechnical analysis:

1. Provide seismic design requirements and recommendations based on Los Angeles Building Code criteria and considering the significance of the Palos Verdes Fault.
2. Foundation Analysis:
 - a. Develop recommendations for the foundations and/or bedding of structures, including retaining walls, vaults, storm drains and light poles considering local site conditions and recommended seismic requirements.
 - b. Prepare technical report.
3. Pavement Design:
 - a. Develop pavement section for roadway improvements based on adjoining property usage.
 - b. Provide R-values and CBRs of sub-grade for pavement design.
 - c. Prepare technical report.
4. General Grading:
 - a. Provide analyses and recommendations for the following:
 - i. Trench excavation, backfill and shoring
 - ii. Site grading, fill placement and compaction
 - iii. Subgrade preparation for foundations and footings of structures
 - iv. Bedding requirements for utilities and substructures
 - v. Dewatering
5. Corrosive Potential:
 - a. Determine soil corrosion potential and recommend protective measures for utilities and substructures.

F. Final and Draft reports:

The findings, conclusions and recommendations shall be discussed with City as they are developed. Upon completion of the work, Consultant shall submit five copies of the draft report containing the findings, conclusions and recommendations together with the supporting field and laboratory data for review by City. Consultant shall review and address City's comments, and submit ten copies of the final report to City.

G. Plans, Specifications, and Estimates Review:

Consult with designers during Preliminary and Final Designs as necessary to implement recommendations and review project plans, specifications and estimates for conformance with geotechnical recommendations.

Task 2 – Deliverables

- Meeting minutes
- Boring plan
- Obtain necessary permits
- Soil data reports
- Draft and final geotechnical reports

Task 3 - Conceptual Study and Report Phase

After issuance of the first written Notice to Proceed under this Agreement, Consultant shall perform Conceptual Study and Report for the Project. That work shall include but not necessarily be limited to the following:

- A. Visit the site and become familiar with the Project area;
- B. Review available survey, coordinate control information and record plans and use this material to establish site boundaries, locations of existing facilities, utilities (including utilities below grade) and existing grades. Provide a list of additional surveys required, which will be performed by the City's survey forces;
- C. Identify and analyze permits, approvals and requirements of local, state, and federal regulatory agencies, and coordinate with them as necessary for conformance with their requirements, rules and regulations;
- D. Coordinate work with adjacent projects, facilities and improvement;
- E. Develop detailed project design criteria and identify critical issues, opportunities and constraints. Prepare Design Criteria Manual to incorporate results of this work; and
- F. Prepare a report and documentation package presenting the results of the two (2) conceptual studies to clearly present the considerations involved and the alternative solutions available setting forth Consultant's findings, evaluations and recommendations. Document and recommend one preferred plan that best achieves the project design criteria.

Task 3 – Deliverables

- Preliminary Conceptual Study (Design Criteria Manual)
- Final Conceptual Study report
- Architectural exhibits/artist renderings
- Preliminary architectural plans
- Landscaping exhibit(s)
- Mechanical/electrical/ exhibit(s)
- Grading and surfacing exhibit(s)
- Utility and substructure exhibit(s)
- Construction phasing
- Refined design imagery
- Preliminary project construction cost estimates
- Preliminary project design and construction schedules

Task 4 - Preliminary Design Phase (40% Construction Plans)

- A. Upon completion of the conceptual study and report phase, selection of a preferred alternative by City, and issuance of a written Notice to Proceed from the Engineer, or written provisional Notice to Proceed with individual elements, Consultant shall perform the preliminary (40%) design.
- B. Plans shall include typical sections and details and illustrate the architectural, civil, structural, electrical and mechanical design aspects in sufficient detail to cover all matters, which will materially affect the essential features and cost of the Project.
- C. The preliminary design submittal shall include, but not necessarily be limited to, the following for all facilities:
 - 1. Architectural Plans
 - 2. Site plan showing coordination and relationships with overall site development
 - 3. Construction phasing plan
 - 4. Removal plan
 - 5. Substructure plan
 - 6. Civil design
 - 7. Structural design
 - 8. Mechanical/HVAC Design
 - 9. Plumbing design
 - 10. Electrical design
 - 11. Storm drain plans and details
 - 12. Landscape and hardscape design
 - 13. Striping and signage plan
 - 14. Utility plan

15. Site/Area lighting plan
16. Rail plan
17. Outline specifications for each discipline of work
18. Updated project cost estimate and schedule
19. Utility demand estimates
20. Perform all appropriate code coordination and review with applicable local, state, and federal agencies

Task 4 – Deliverables

Deliverables from this phase will provide a general overview of the entire proposed development not necessarily attempting to group the plans by anticipated construction contract sets. The deliverables will include:

- Preliminary architectural plans
- Preliminary site plan
- Preliminary construction phasing plans
- Preliminary removal plan
- Preliminary substructure plan
- Preliminary civil plans
- Preliminary structural plans
- Preliminary mechanical/electrical/plumbing plans
- Preliminary utility plans
- Preliminary landscape and hardscape plan
- Preliminary signing & striping plans
- Preliminary site/area lighting plans
- Preliminary rail plans
- Preliminary construction cost estimate
- Preliminary construction schedule
- Associated reports and analysis work
- Outline of specifications

Task 5 - Eighty-percent Construction Documents (80% DESIGN)

- A. Upon issuance of written Notice(s) to Proceed from the Engineer, proceed with 80% design of Project. This procedure is the same for the Final design.
- B. Preparation of plans, specifications, and estimates in sufficient detail to provide the information necessary for competitive construction contract bidding for Project.
- C. Permits and approvals:
 1. Perform all appropriate code coordination and review with all applicable local, state, and federal agencies.

2. Consultant shall complete applications, including necessary documentation, to obtain all permits and approvals for Project other than those that are required to be obtained by contractor(s). These applications shall be submitted to Engineer for review and approval prior to filing with appropriate agencies.
3. Permits/approvals for this project include but are not necessarily limited to the following:
 - a. City of Los Angeles, Department of Building and Safety
 - b. City of Los Angeles Department of Public Works
 - d. City of Los Angeles Fire Department
 - e. Federal Railroad Administration
 - f. California Public Utilities Commission
4. Changes in the plans, specifications, and estimates, including any changes required by a change in rules, regulations, or laws required to obtain final approval from said agencies shall be made by Consultant.
5. Consultant shall determine and obtain any other permits required by the local, state, and federal agencies for Project.

Task 5 – Deliverables

An 80% version of the following, grouped by contract set, will be provided to the City at the end of this design phase.

- Architectural plans
- Site plan
- Construction phasing plan
- Removal plan
- Substructure plan
- Civil plans
- Structural plans
- Preliminary mechanical/electrical/plumbing plans
- Utility composite plan
- Landscape and hardscape plans
- Signage and striping plans
- Site/area lighting plans
- Rail plans
- Updated construction estimates
- Updated construction schedule
- Associated reports and analysis work

- Calculations
- Specifications

Task 6 - Final Design Documents (100% DESIGN)

- A. Upon issuance of a written Notice to Proceed from the Engineer, or written provisional Notice to Proceed with individual elements, Consultant shall prepare the Final Design submittal and respond to and incorporate all comments received from the City and City Department of Building and Safety.
- B. Plans, specifications, and estimates shall be stamped and signed by an architect or engineer appropriately licensed to practice in the State of California.
- C. Submit to Engineer all construction quantities as well as structural, civil, electrical, mechanical, and any other calculations used in the design of the Project.
- D. Submit a detailed estimate of the cost based on the bid items and provide a Class "A" estimate.
- E. Submit a proposed construction schedule in sufficient detail for use by Engineer in evaluating the adequacy of contractor's scheduling submittal.

Task 6 - Deliverables

Final versions of the following contract sets consisting of plans, specifications and estimates are anticipated:

- Architectural plans
- Site plans
- Construction phasing plan
- Removal plan
- Substructure plan
- Civil plans
- Structural plans
- Mechanical/electrical/plumbing plans
- Utility composite plan
- Landscape and hardscape plans
- Signage and striping plans
- Site/area lighting plan
- Rail plans
- Updated construction estimates
- Updated construction schedules
- Associated reports and analysis work

- Calculations
- Specifications

Task 7 - Signature Submittal

- Following review and incorporation of comments of Engineer, original plans, specifications, and estimates, stamped and signed by an engineer or architect appropriately licensed to practice in the State of California, shall be submitted for signature by Engineer.
- The original drawings and two vellums drawings, electronic CAD files, unbound original specification, and two copies of final cost estimate and schedule shall be submitted.
- Submit to Engineer all final construction quantities as well as structural, civil, electrical, mechanical, and any other calculations used in the design of the Project.

Task 7 – Deliverables

- Original drawings
- Unbound original specifications
- Final cost estimate
- Final schedule
- Final quantities and calculations

Task 8 - Bidding Phase

Consultant will provide assistance to the City during the contract(s) advertising and award process to include the following:

- Assistance in pre-qualifying potential bidders
- Attendance at pre-bid meetings
- Reviewing and providing responses to bidder inquiries
- Preparing and issuing addendums as needed.
- Assistance in reviewing bids

Task 9 - Design Services during Construction

Consultant shall provide the following services in support of the City on-site construction management efforts.

A. Office Engineering:

1. Check detailed construction drawings, submittals, shop and erection drawings, and substitutions submitted by the project contractor for compliance with permits and plans, specifications, and estimates.
2. Review specific non-routing laboratory, shop, and mill test reports of materials and equipment as directed by the City.
3. Address requests for information ("RFI's") from the project contractor and Building and Safety inspectors.
4. Prepare record (as-built) drawings on original plans as per the data supplied by the Project contractor via the City's construction manager.

B. Field Engineering:

1. Make periodic visits to the site to observe the work in progress and provide appropriate reports, including attendance at selected weekly progress meetings.
2. Observe and report to the City on any performance test required by the plans and specifications.
3. Attend final inspections of project's completed construction contracts.

C. Structural Observation:

Consultant shall provide qualified personnel for observation of structural systems, for general conformance to the approved plans and specifications in conformance with all applicable codes.

This task includes a limited number of field trips at significant construction stages and at completion of the structural system. The structural systems include the lateral and/or gravity of load paths.

Task 9 - Deliverables

- Responses to RFIs
- Field reports and "punch lists"
- Reviewed shop drawings and submittals

Task 10 - Additional Design Services

The work includes, but is not limited to, technical studies, analysis, conceptual –final designs, and other engineering services as directed by the Engineer that relate to the Project.

KA/LMR:
Ex B – Scope of Work
8439SOW

EXHIBIT C

Form of Directive

Date _____

(Consultant)
(Consultant Address)
(City, State, Zip Code)

Attn: (Project Manager)

SUBJECT: DIRECTIVE NO. _____
PROJECT TITLE _____
AGREEMENT NO. _____

Pursuant to Section 2.2(a) of the subject Agreement No. _____, after receipt of a written Notice to Proceed signed by the Chief Harbor Engineer of the Construction Division, Consultant shall proceed with the following:

Task	Services	Authorized Amount
1	_____	\$_____ (Lump Sum)
2	_____	\$_____ (Not to Exceed)

Consultant shall provide all required tasks, services, and deliverables in accordance with Exhibit "A" to Agreement No. _____.

Consultant shall complete the work within ____ calendar days from the transmittal of a written Notice to Proceed.

When invoicing for the services covered by this Directive, please identify fees for this Directive as follows:

LAHD EWO No. _____	LAHD Job No. _____
LAHD Center No. _____	LAHD Program No. _____
LAHD Account No. _____	

Consultant shall undertake the following MBE/WBE/SBE/DVBE/OBE utilization in connection with its performance of this Directive:

MBE XX%, WBE XX%, SBE XX%, DVBE XX%, OBE XX%, VSBE XX%

Consultant acknowledges that the terms and conditions of Agreement No. _____ govern this Directive and that its signature below reflects its agreement with the terms and conditions of this Directive.

Please sign both original copies of this Directive. Retain one original for your files and return the other executed copy to this office immediately.

If you have any questions, please contact _____ at (310) 732-_____.

Sincerely,

Dave Walsh
Chief Harbor Engineer
Engineering Division

ACCEPTED:

APPROVED:

(Consultant Name)
Consultant

ANTONIO V. GIOIELLO
Deputy Executive Director

Date: _____

Date: _____

Exhibit "D"

Form of Notice to Proceed

(Date)

(Consultant)
(Consultant Address)
(City, State, Zip)

Attention: (Project Manager)

Subject: Notice to Proceed – Directive No. _____
Agreement No. _____
(Project Name)

This is to notify and direct you to commence performance of the subject Directive.
Enclosed is your set of the executed Directive documents.

If you have any questions, please contact _____ at (310) 732-_____.

Very truly yours,

Dave Walsh
Chief Harbor Engineer

Enclosure: Directive No. _____

EXHIBIT E

COMPENSATION

For those items of the Scope of Work for which compensation is payable in fixed fee amounts, payment to the Consultant shall be made in accordance with the compensation schedule as set forth in the project directive, and the percentage of completion of each phase of the Scope of Work, as determined and approved by the Engineer and based upon monthly progress reports submitted by the Consultant. Monthly progress payments shall be equal to the percentage of completion of each phase multiplied by the fixed fee payable for completion of each phase, less amounts previously billed.

For those items of the Scope of Work for which compensation is payable in not-to-exceed amounts, the Consultant shall be paid an hourly fee as defined in Section 5.2 of this Agreement, at the rates set forth in Exhibit "F" and in accordance with the compensation schedule as set forth in the Directive. The Consultant's monthly invoice shall itemize all hours actually worked in performing such services, identifying the personnel and sub-consultant classifications of individuals performing the Directive, and the applicable hourly rates, according to Exhibit "F."

Compensable amounts set forth on (i) an hourly basis, or (ii) on the basis of an estimated Fixed Fee subject to a not-to-exceed maximum, are estimated only. In the event that all necessary services required in any category described above are, in the judgment of the Engineer, fully performed by Consultant at a cost to City which is less than the amounts estimated and authorized hereunder, Engineer may apply the unexpended balance to compensate Consultant for services in any other category for which compensation was underestimated on either of these bases.

A 5% (five percent) mark-up payable to the prime Consultant shall be allowed for work performed by listed Subconsultants. This mark-up shall be considered payment in full for all necessary work performed by the listed Subconsultants.

EXHIBIT F

400 Oceangate, Suite 500, Long Beach, CA 90802 562.437.9100 kpff.com



KPFF CONSULTING ENGINEERS HOURLY RATE SCHEDULE

	2020
Principal	\$241
Sr. Project Mgr	\$234
Project Mgr	\$229
Sr. Tech Specialist	\$219
Sr. Engineer	\$190
Professional Eng	\$170
Design Engineer	\$142
Designer	\$137
Sr. Drafter	\$148
CAD Technician	\$132
Project Assistant	\$109
Administration	\$87

Billing procedures will adhere to the services agreement noted in Attachment 1 of On-Call Engineering Services RFP.

Subconsultants

The billings of subconsultants will be marked up 5%.

EXHIBIT F

Anchor QEA, LLC

2019 RATES

Base labor rates will have a 3% annual escalation rate

Professional Level Hourly Rates

Principal 2/Senior Technical Advisor.....	\$265
Principal 1	\$256
Senior Manager	\$229
Manager	\$213
Senior Staff	\$190
Staff 3	\$167
Staff 2	\$149
Staff 1	\$126
Senior CAD ¹ Designer	\$132
CAD Designer	\$110
Technician	\$107
Senior Technical Editor	\$130
Technical Editor	\$110
Senior Project Coordinator	\$124
Project Coordinator	\$106

Special Hourly Rates

National expert consultant	\$424
All work by a testifying expert.....	1.5 times professional level rate

EXPENSE BILLING RATES

Expense Rates

Computer Modeling (per hour)	\$10.00
Graphic Plots (varies with plot size)	\$3-\$6/sf
Mileage (per mile)	Current Federal Standard

FEE ON LABOR AND EXPENSE CHARGES

Subcontracts/subconsultants	10%
Travel and other direct costs.....	10%
Field equipment and supplies	10%

¹ CAD: Computer Aided Design

EXHIBIT F



14280 Euclid Ave
Chino, CA 91710
1-888-90-BELOW

Prevailing Wage

Service	Cost	
Ground Penetrating Radar		
GPR Handheld Supervising Tech Location of reinforcing steel, conduit.....	\$ 180.00	per hour
Travel Time Per Man.....	\$ 135.00	per hour
Utility Locating - Electromagnetic Locator		
Locating Supervising Tech Locate Water, Power, Communication, Gas & Waste Lines	\$ 180.00	per hour
Locating Utility Locator Tech	\$ 135.00	per hour
Travel Time Per Crew	\$ 195.00	per hour
Mapping		
Mapping Party.....	\$ 215.00	per hour
AutoCAD drawings Utilities	\$ 95.00	per hour
Travel Time Per Man.....	\$ 110.00	per hour
CCTV Pipe Inspection		
CCTV Video Pipe Inspection	\$ 310.00	per hour
Water Jetting High Pressure Hydro-Jetting.....	\$ 345.00	per hour
Travel Time Per Crew	\$ 225.00	per hour
Potholing		
Standard Pothole 1' x 1' x 5' deep.....	\$ 560.00	per hole
Pothole 1' x 1' x 5'-10' deep	\$ 610.00	per hole
Traffic Control Price subject to change without notice	\$ 950.00	per day
Traffic Control Plans Engineered Stamped Plan.	\$ 550.00	per page
Flagman	\$ 110.00	per hour
Potholing Hourly.....	\$ 485.00	per hour
Manhole Dips	\$ 100.00	per location
Pothole Report Report 1-10 Potholes. Additional fees will apply for more than 10 PH's. .	\$ 200.00	per report
Travel Time Per Crew	\$ 225.00	per hour
Additional Fees		
Administration / Project Coordination.....	\$ 95.00	per hour
Per Diem Per technician	\$ 150.00	per day
Permit Costs	\$ 3rd Prty + 10% markup	

C Below terms & Conditions apply to all services.

- ** Potholes / Trenching deeper than 10 feet must call for additional pricing
- * 15% Overtime charges applies to all services for Saturday work and off hours
- * 20% Overtime charges applies to all services for Sunday work
- * All services will be billed within the 4 & 8 hour minimum



EXHIBIT F



2019 - 2021 US Fee Schedule

Principals: \$247.00 - \$300.00

Associates: \$200.00 - \$265.00

Specialist: \$210.00 - \$269.00

Engineers:

- ◆ Level A \$130.00 - \$153.00
- ◆ Level B \$145.00 - \$159.00
- ◆ Level C \$153.00 - \$192.00
- ◆ Level D \$184.00 - \$213.00
- ◆ Level E \$205.00 - \$245.00
- ◆ Level F \$236.00 - \$265.00

Geologists/Hydrogeologists:

- ◆ Level A \$131.00 - \$148.00
- ◆ Level B \$142.00 - \$158.00
- ◆ Level C \$152.00 - \$192.00
- ◆ Level D \$184.00 - \$213.00
- ◆ Level E \$204.00 - \$232.00
- ◆ Level F \$223.00 - \$264.00

Environmental Chemists/Scientists/Planners:

- ◆ Level A \$126.00 - \$141.00
- ◆ Level B \$136.00 - \$158.00
- ◆ Level C \$152.00 - \$180.00
- ◆ Level D \$173.00 - \$203.00
- ◆ Level E \$196.00 - \$229.00
- ◆ Level F \$221.00 - \$260.00

Industrial Hygienists/Safety Professionals:

- ◆ Level A \$126.00 - \$142.00
- ◆ Level B \$136.00 - \$158.00
- ◆ Level C \$147.00 - \$180.00
- ◆ Level D \$173.00 - \$203.00
- ◆ Level E \$195.00 - \$229.00
- ◆ Level F \$221.00 - \$269.00

Information Technologists:

- ◆ Level A \$126.00 - \$142.00
- ◆ Level B \$136.00 - \$158.00
- ◆ Level C \$152.00 - \$180.00
- ◆ Level D \$173.00 - \$203.00
- ◆ Level E \$195.00 - \$229.00
- ◆ Level F \$221.00 - \$260.00

Database Analysts:

- ◆ Level A \$105.00 - \$125.00
- ◆ Level B \$121.00 - \$140.00
- ◆ Level C \$136.00 - \$180.00
- ◆ Level D \$173.00 - \$216.00
- ◆ Level E \$209.00 - \$234.00
- ◆ Level F \$225.00 - \$269.00

Technicians/Technologists:

- ◆ Level A \$96.00 - \$117.00
- ◆ Level B \$111.00 - \$136.00
- ◆ Level C \$131.00 - \$148.00
- ◆ Level D \$142.00 - \$180.00
- ◆ Level E \$173.00 - \$218.00
- ◆ Level F \$210.00 - \$249.00

Draft/CADD:

- ◆ Level A \$91.00 - \$105.00
- ◆ Level B \$101.00 - \$117.00
- ◆ Level C \$111.00 - \$132.00
- ◆ Level D \$127.00 - \$144.00
- ◆ Level E \$138.00 - \$149.00
- ◆ Level F \$143.00 - \$154.00

Technical Apprentices: \$90.00 - \$109.00

Administrative Support: \$76.00 - \$94.00

EXHIBIT F



2019 - 2021 PREVAILING WAGE RATES

One Person Survey Crew	\$190.00 - \$229.00
Two Person Survey Crew	\$365.00 - \$406.00
Special Inspector with Equipment	\$195.00 - \$245.00
Special Inspector	\$180.00 - \$229.00
Inspector	\$160.00 - \$219.00
Senior Geotechnical Engineering Technician	\$130.00 - \$182.00
Geotechnical Engineering Technician	\$110.00 - \$161.00
Non-Professional overtime (8+ hours/day), swing shift, or Saturday work	1.5 x hourly rate
Sunday work	2.0 x hourly rate
Holiday work	2.5 x hourly rate

Expenses and other project-related costs are billed out at cost plus 15%. Rates are as follows:

Office Consumables	\$6.00/hour
Environmental and Construction Inspection consumables	\$11.00/hour
Survey Field consumables	\$15.00/hour
Exploration Equipment – Hand Auger & Sampling Equipment	\$50/day
Geophysical Equipment – Seismic Refraction	\$400/day
Geophysical Equipment – Seismic Refraction & Multi-channel Analysis of Surface Waves	\$500/day
Slope Inclinator Equipment	\$725/visit
Mileage	Federal Mileage Rate

Payment for work and expenses is due and payable upon receipt of our invoice. Amounts unpaid thirty (30) days after the issue date of our invoice shall be assessed a service charge of one and one half (1.5) percent per month.

Rates do not apply to forensic-related services. All field personnel charges are portal to portal.

EXHIBIT F

General Technologies and Solutions (GTS)

Rate Sheet

Labor Rates		
Labor Category (Grade)	Hourly Base Rate	Hourly fully-Loaded Rate
Principal L7	\$75 - \$95	\$173.25 - \$219.45
Engineer / Planner / Analyst (L6)	\$55 - \$70	\$127.05 - \$173.25
Engineer / Planner / Analyst (L5)	\$45 - \$60	\$103.95 - \$138.6
Engineer / Planner / Analyst (L4)	\$40 - \$55	\$92.4 - \$127.05
Engineer / Planner / Analyst (L3)	\$35 - \$45	\$80.85 - \$103.95
Engineer / Planner / Analyst (L2)	\$35 - \$45	\$80.85 - \$103.95
Engineer / Planner / Analyst (L1)	\$30 - \$40	\$69.3 - \$92.4
Project Admin / CAD / Graphics (L4)	\$40 - \$55	\$92.4 - \$127.05
Project Admin / CAD / Graphics (L2)	\$25 - \$35	\$57.75 - \$80.85
Intern (L1)	\$20 - \$25	\$46.2 - \$57.75

EXHIBIT F

Hatch Team Member Full Burdened Rates (2019-2020)

Name	Suggested Role	Full Hourly Rate
1. Hanh Le Griffin, PHD	Project Manager, Ports & Rail Operational Efficiency & Capacity Integration and Analysis	\$250
2. Eric Vaillancourt	Terminal and Rail Network Simulation	\$175
3. Danielle Zyngier, PHD	Rail Network Operational Optimization and Scheduling	\$135
4. Edward Backlund	Marine Engineer and Planner IV	\$140

Team headshots in the order of the list in the table above.



EXHIBIT F



Integrated Engineering Management's (IEM) proposed billing rates for calendar year 2019 are presented in the following table.

2019 Billing Rates Effective from 1/1/19 through 12/31/19

Position	Hourly Rate
Principal	\$240
Project Manager III	\$196
Project Manager II	\$186
Project Manager I	\$175
Construction Manager III / Resident Engineer III	\$196
Construction Manager II / Resident Engineer II	\$186
Construction Manager I / Resident Engineer I	\$175
Project Engineer III	\$165
Project Engineer II	\$155
Project Engineer I	\$145
Associate Engineer / Office Engineer	\$140
Cost Estimator III / Scheduler III	\$196
Cost Estimator II / Scheduler II	\$186
Inspector III	\$165
Inspector II	\$155
Inspector I	\$145
Document Control Specialist	\$110
Project Assistant	\$100
Clerical	\$85

1. Rates are subject to 4% increase on January 1, 2020 and annually thereafter.
2. Above rates are based on home and field overhead rate of 138.3% and profit rate of 10%.
3. All services by sub-consultants and outside services will be billed with 5% mark-up.
4. Direct project related expenses are billed at cost.
5. IEM will charge \$1,300 per month for site vehicles.

EXHIBIT F



2019 BILLING RATES

<u>Title</u>	<u>Rates</u>
Sr. Project Administrator	\$105
Intern	\$115
Technician	\$115
Sr. Technician	\$125
Associate	\$170
Fire Protection Engineer I / Consultant	\$190
Fire Protection Engineer II / Consultant II	\$210
Sr. Fire Protection Engineer I / Sr. Consultant I	\$235
Sr. Fire Protection Engineer II / Sr. Consultant II	\$275
Sr. Fire Protection Engineer III / Sr. Consultant III / Assoc. Director / Director	\$300
Vice President	\$350

F: +1 714-450-1700

2099 S. State College Blvd. | Suite 540
Anaheim, CA 92806 | USA

jensenhughes.com

EXHIBIT F



FEE SCHEDULE

Effective January 1, 2019 – December 31, 2022

Classification - Engineers	Hourly Rate
Expert Witness	\$ 310.00
Principal	\$ 250.00
Vice President	\$ 235.00
Project Manager	\$ 180.00
Project Engineer	\$ 155.00
Engineer III (Sr. Design Engineer)	\$ 140.00
Engineer II (Design Engineer)	\$ 120.00
Engineer I / CAD Technician (Designer)	\$ 110.00
Classification – Miscellaneous	Hourly Rate
Controller	\$ 100.00
Clerical	\$ 75.00
Classification - Surveyors	Hourly Rate
Field Survey Party (4 hrs. Minimum Charge)	
One Person Party	\$ 150.00
Two Person Party	\$ 210.00
Three Person Party	\$ 325.00
Office/ Field Management	
Principal	\$ 250.00
Director	\$ 195.00
Project Manager	\$ 180.00
Chief of Parties	\$ 150.00
Project Surveyor	\$ 110.00
Assistant Project Surveyor	\$ 85.00
Office CADD & Administration Services	Hourly Rate
CADD Technician	\$ 110.00
Project Assistant/Researcher	\$ 85.00
Clerical	\$ 75.00
Reimbursable Expenses	Per Unit Charge
Large format copy service	Cost
Black & white plots	Cost
Color Plots	Cost
Outside printing/media service	Cost
Travel Expenses	Per POLB Guidelines

EXHIBIT F



Kewo Engineering Corporation
510 S Hewitt St #304
Los Angeles, CA 90013
(646) 450-5396
www.kewocorp.com

Certifications
Metro: SBE, Pre-Qualified Consultant
Caltrans: DBE/MBE
DGS: SB Micro, EBE
Los Angeles: SLB, SBE, VSBE

Rate Sheet

Resource	Labor Category	Hourly Rate
Brian B. Kewo *	Sr. Engineer	\$175
Aram Chavdarian *	Sr. Engineer	\$175
Mohammad Khajavi *	Sr. Electrical Engineer	\$175
Anh Thu Doan	Electrical Engineer III	\$145

* Key Personnel

Labor Category	Hourly Rate
Project Manager	\$175
Sr. Engineer	\$175
Engineer IV	\$155
Engineer III	\$145
Engineer II	\$135
Engineer I	\$125
CAD Designer II	\$120
CAD Designer I	\$100
Administrative Assistant	\$90

EXHIBIT F

FEE SCHEDULE

Effective January 1, 2018

<u>TITLE</u>	<u>PER HOUR</u>
Principals	
Principal	\$ 255.00
Associate Principal.....	\$ 229.00
Planning/Design Manager.....	\$ 213.00
Transportation Engineers	
Senior Transportation Engineer	\$ 189.00
Transportation Engineer III.....	\$ 167.00
Transportation Engineer II.....	\$ 141.00
Transportation Engineer I	\$ 121.00
Transportation Planners	
Senior Transportation Planner	\$ 167.00
Transportation Planner III.....	\$ 141.00
Transportation Planner II.....	\$ 121.00
Transportation Planner I	\$ 108.00
Technical Support	
Engineering Associate II.....	\$ 120.00
Engineering Associate I.....	\$ 116.00
Engineering Computer Analyst II.....	\$ 114.00
Engineering Computer Analyst I	\$ 90.00
Senior CADD Drafter	\$ 116.00
CADD Drafter III.....	\$ 108.00
CADD Drafter II.....	\$ 95.00
CADD Drafter I	\$ 82.00
Senior Engineering Technician.....	\$ 116.00
Engineering Technician II.....	\$ 108.00
Engineering Technician I.....	\$ 82.00
Word Processor/Secretary.....	\$ 76.00
Engineering Aide I.....	\$ 58.00

Public Hearing and litigation support may be charged at 125% of the base rate. Consultation in connection with litigation and Court appearances will be quoted separately.

Project-related mileage will be billed at the prevailing standard mileage rate as determined by the IRS.
Subcontractors and other project-related expenses will be billed at cost plus 15%.

The above schedule is for straight time. Overtime will be charged at 1.50 times the standard hourly rates.
Interim and/or monthly statements will be presented for completed work. These will be due and payable upon presentation unless prior arrangements are made. A finance charge of 1.5% may be charged each month on the unpaid balance.

EXHIBIT F



RATE SCHEDULE (M-I)

EXHIBIT A

Mark Thomas & Company, Inc. Rate Schedule

Expires June 30, 2019*

HOURLY CHARGE RATE RANGES**Engineering Services**

Sr. Principal	\$410 - \$441
Principal	\$378 - \$410
Sr. Engineering Manager	\$299 - \$365
Engineering Manager	\$268 - \$299
Practice Area Leader	\$268 - \$299
Sr. Project Manager	\$208 - \$268
Sr. Technical Lead	\$208 - \$268
Project Manager	\$181 - \$208
Technical Lead	\$181 - \$208
Sr. Project Engineer	\$154 - \$181
Sr. Technical Engineer	\$154 - \$181
Project Engineer	\$139 - \$154
Design Engineer II	\$117 - \$139
Design Engineer I	\$88 - \$117
Sr. Technician	\$107 - \$139
Technician	\$72 - \$110
Intern	\$47 - \$72

Survey Services

Sr. Survey Manager	\$202 - \$248
Survey Manager	\$199 - \$221
Sr. Project Surveyor	\$181 - \$199
Project Surveyor	\$151 - \$169
Sr. Surveyor	\$129 - \$161
Surveyor	\$115 - \$135
Lead Survey Technician	\$143 - \$157
Sr. Survey Technician	\$107 - \$143
Survey Technician	\$90 - \$130
Survey Intern	\$61 - \$89
Single Chief	\$138 - \$162
Single Chainman	\$118 - \$132
Apprentice	\$54 - \$106
1 Person Field Crew	\$138 - \$162
2 Person Field Crew	\$257 - \$323
3 Person Field Crew	\$311 - \$455

Urban Planning/Landscape Architecture Services

Sr. LAUD Division Manager	\$246 - \$258
LAUD Division Manager	\$214 - \$246
Sr. LAUD Project Manager	\$186 - \$214
LAUD Project Manager	\$170 - \$186
Landscape Architect II	\$120 - \$170
Landscape Architect I	\$95 - \$120
Landscape Designer II	\$82 - \$113
Landscape Designer I	\$63 - \$82
Intern	\$47 - \$72

Project Support/Coordination Services

Sr. Project Accountant	\$112 - \$148
Project Accountant	\$95 - \$112
Sr. Project Coordinator	\$110 - \$139
Project Coordinator	\$85 - \$110
Sr. Project Assistant	\$85 - \$104
Project Assistant	\$47 - \$85
Sr. Technical Writer	\$88 - \$126
Technical Writer	\$47 - \$88
Sr. Graphic Designer	\$101 - \$132
Graphic Designer	\$66 - \$101

District Management Services

Deputy District Manager	\$227 - \$268
Sr. Inspector	\$107 - \$142
Inspector	\$72 - \$107

Grant Writing Services

Sr. Funding Specialist	\$155
Funding Specialist	\$125

Construction Management Services

Resident Engineer	\$236
Construction Inspector	\$159

Special Services

Expert Witness	\$405
Strategic Consulting	\$405

OTHER DIRECT COSTS**Reimbursables including, but not limited to:**

Reproductions, Filing Fees and Field Expenses	Cost Plus 5%
Mileage	Per IRS Rate
Outside Consultant Fees	Cost Plus 5%

*Rates subject to escalation with new hourly rate schedule as of July 1, 2019

PAGE 1 OF 1

EXHIBIT F



Phone 707-748-4333
Fax 707-748-4344

McKAY INTERNATIONAL ENGINEERS, INC.

560 First Street, Suite C107

Benicia, California 94510-3205
mckay@mckayint.com

Effective: January 1, 2019

CONSULTING FEES AND PAYMENT FOR SERVICES for COMMERCIAL ACCOUNTS

The following are McKay International's basic hourly rates for Engineering Services billed at the labor category of the individual performing the work:

SENIOR PRINCIPAL ENGINEER	\$ 285
PRINCIPAL ENGINEER	\$ 235
SENIOR ELECTRICAL ENGINEER	\$ 215
ELECTRICAL ENGINEER	\$ 165
SENIOR MECHANICAL ENGINEER	\$ 185
MECHANICAL ENGINEER	\$ 165
DESIGNER	\$ 105
PROJECT CONTROLS / ADMINISTRATION	\$ 100

General Conditions:

1. McKay provides professional engineering services and reserves the right to refuse to work hours which it determines are unreasonable (such as nights and weekends), or that may be seen as abusive of this straight rate policy.
2. Normal office costs to include domestic phone, domestic fax, computer, reproduction, shipping, etc. are considered as normal operating costs and are contained within the above stated basic rate structure. Extraordinary costs will be billed as Other Direct Costs (ODCs).
3. Subconsultants and/or subcontractors will be employed as necessary and with the concurrence of the client. When subconsultants or subcontractors are utilized, their costs will be marked up by 15%.
4. Other Direct Costs (ODCs) will be billed at actual substantiated cost plus 15%.
5. Travel and related costs are considered to be ODCs. Domestic travel will be Coach or Economy Class. Travel outside the United States will be Business Class. Travel costs within the San Francisco Bay Area are included in the basic rate structure. Time spent in transit during normal business hours will be billed as time worked.
6. Engineering work outside the San Francisco Bay Area will be billed at a minimum of 10 hours per day or part thereof away from the Bay Area.
7. All documents, software, and data prepared by McKay as instruments of service shall remain the property of McKay. McKay shall retain all common law, statutory and other reserved rights, including the copyright thereto.
8. Invoices are rendered by the 15th of each month for work performed in the previous month. Terms are net cash, 30 days. If, at the end of 30 days, the invoice has not been paid and it is necessary to issue a follow-up invoice, 2% interest (or the maximum rate allowed by law, whichever is less) will be added to the previously invoiced amount.



**Muni-Fed Energy, Inc.
2019-2020 Fee Schedule**

Senior Engineer ----- \$190/hr.

Senior Developer ----- \$220/hr.

Notes:

- Direct expenses will be charged at cost plus 5 percent administrative handling fee.
- Mileage to be charged at Internal Revenue Service standard mileage rate.

EXHIBIT F



P2S INC.
PORT OF LOS ANGELES
RATE SCHEDULE

Category	YEAR 1
PRINCIPAL ENGINEER	\$267
ENGINEER GRADE 05	\$252
ENGINEER GRADE 04	\$240
ENGINEER GRADE 03	\$211
ENGINEER GRADE 02	\$193
ENGINEER GRADE 01	\$174
DESIGN ENGINEER GRADE 05	\$211
DESIGN ENGINEER GRADE 04	\$193
DESIGN ENGINEER GRADE 03	\$174
DESIGN ENGINEER GRADE 02	\$156
DESIGN ENGINEER GRADE 01	\$137
DESIGNER GRADE 04	\$147
DESIGNER GRADE 03	\$137
DESIGNER GRADE 02	\$129
DESIGNER GRADE 01	\$120
CAD/BIM DESIGNER GRADE 04	\$120
CAD/BIM DESIGNER GRADE 03	\$112
CAD/BIM DESIGNER GRADE 02	\$100
CAD/BIM DESIGNER GRADE 01	\$91
PROJECT ASSISTANT	\$91

EXHIBIT F



**PACIFIC RAILWAY
ENTERPRISES,
INC.**

SPECIALIZING IN

RAILROAD SYSTEMS

DESIGN & CONSULTING

POLA - On Call Engineering Services

RFP Number: N/A

Name: Jennifer A. Purcell, PE

Signature: *Jennifer A. Purcell*

Offeror Name: Pacific Railway Enterprises, Inc.

Title: President/CEO

DATE: April 3, 2019

POLA-On Call Engineering Services

PRE Classification	Direct Hourly Rate	Fully Burdened
Sr. Systems Engineer	\$111.00	\$250.54
Professional Engineer	\$86.00	\$194.11
Rail Program Manager	\$72.00	\$162.51
Sr. Railroad Systems Technologist IV	\$95.00	\$214.42
Sr. Railroad Systems Technologist III	\$80.00	\$180.57
Sr. Railroad Systems Technologist II	\$69.00	\$155.74
Sr. Railroad Systems Technologist I	\$61.75	\$139.38
Railroad Systems Technologist II	\$53.00	\$119.63
Railroad Systems Technologist I	\$46.25	\$104.39
Signal Designer III	\$36.00	\$81.26
Signal Designer II	\$30.00	\$67.71
Signal Designer I	\$25.00	\$56.43

Overhead Used 105.19%

Fee 10%

JENNIFER A. PURCELL, PE
PRESIDENT/CEO

3560 UNIVERSITY AVENUE, SUITE F
RIVERSIDE, CALIFORNIA 92501

TEL 951-784-4630
FAX 951-784-4635

EXHIBIT F



SCHEDULE OF STANDARD CHARGES (As of October 1, 2018)

1.0 Perkins Eastman Architects, DPC, as agreed, will provide its services on an hourly basis for all hours worked by its personnel and will invoice at a fixed rate for the category to which an individual is assigned to the project.

2.0 The current hourly rates for the categories of personnel are listed below. Rates are adjusted annually to reflect increases to employees' salaries.

	Range	
Principal	\$226.00	\$398.00
Project Manager	\$175.00	\$252.00
Senior Architect	\$193.00	\$252.00
Intermediate Architect	\$124.00	\$175.00
Junior Architect	\$29.00	\$102.00
Senior Designer	\$193.00	\$252.00
Intermediate Designer	\$124.00	\$175.00
Junior Designer	\$29.00	\$102.00
CADD/BIM	\$102.00	\$142.00
Administrative Support	\$29.00	\$102.00

3.0 Services of consultants, if required, will be billed at a multiple of 1.10 times the amount billed to the Architect for such services. Consultants will only be engaged when authorized by the Owner.

4.0 Reimbursable expenses, as described below, will be billed at a multiple of 1.10 times the expenses incurred by the Architect, the Architect's employees, and consultants in the interest of the project. Reimbursable expenses consist of all non-salary expenses directly related to the project, such as:

1. Expense of transportation in connection with the project.
2. Fees paid for securing approval of authorities having jurisdiction over the project.
3. Reproductions of all drawings, specifications, and other documents.
4. Long-distance communications.
5. Computer plotting (no charges for computer time or computer drafting).
6. Postage, delivery services, and electronic facsimile transmissions.
7. Professional and/or presentation quality models or renderings, if requested by the Owner.
8. Expense of additional insurance coverage or limits, including professional liability insurance, requested by the owner in excess of that normally carried by the Architects.

5.0 The Architect will generally submit invoices monthly for services performed and reimbursables incurred during the prior month.

EXHIBIT F



- 6.0 Please make checks payable to Perkins Eastman Architects, DPC and forward them to 115 Fifth Avenue, New York, NY 10003. Payments will be due the Architect upon presentation of the Invoice, and if unpaid after 30 days from the date of the invoice, the outstanding amount shall bear interest at the rate of 1.5% per month from the due date.
- 7.0 Should the Owner's failure to make payments in accordance with this agreement cause the Architect to pursue collection means, the Architect shall be entitled to reimbursement of all costs actually incurred by it in collecting overdue accounts including, without limitation, reasonable legal fees.

EXHIBIT F

Position Classification	Hourly Billing Rate
Port Design Partners, Inc.	2020
Principal	\$269.00
Senior Project Manager	\$251.00
Project Manager III	\$233.00
Project Manager II	\$220.00
Project Manager I	\$206.00
Senior Project Engineer	\$189.00
Project Engineer	\$180.00
Project Designer III	\$135.00
Project Designer II	\$117.00
Project Designer I	\$103.00
CAD Technician III	\$117.00
CAD Technician II	\$108.00
CAD Technician I	\$81.00
Contract Administrator	\$81.00
Project Administrator	\$90.00
Senior Project Assistant	\$76.00

EXHIBIT F



251 South Mission Road
Los Angeles, California 90033
T. 213 384 3844

studio-mla.com

BILLING RATES

<i>President</i>	<i>\$250/ hr.</i>
<i>Principal</i>	<i>\$185/ hr.</i>
<i>Senior Associate</i>	<i>\$150/ hr.</i>
<i>Associate</i>	<i>\$135/ hr.</i>
<i>Project Designer</i>	<i>\$100/ hr.</i>

EXHIBIT F



305 N. Beacon St.

"Excellence Under Water"

Mailing Address: P.O.Box 1548

San Pedro, CA 90731 (310) 547-0955 Fax:(310) 547-0970 e-mail: shipdiving@aol.com San Pedro CA 90733

Hourly Rates

Diving Rates: Los Angeles & Long Beach Harbors, El Segundo, San Diego, San Francisco, and Offshore
Effective January 2019

	STRAIGHT TIME	OVERTIME	DOUBLE TIME
Supervisor	\$85.00	\$118.00	\$152.00
Diver	\$112.00	\$157.00	\$202.00
Standby Diver	\$63.00	\$86.00	\$111.00
Tender	\$63.00	\$86.00	\$111.00
Deck Hand	\$50.00	\$71.00	\$90.00
Shop Man	\$50.00	\$71.00	\$90.00
Travel Time	\$43.00	\$60.00	\$76.00
Per Diem	\$46.00 per day		
Reports	\$225.00 per job		

Work Vessels / Dive Van

Dive vessel "Coast Diver"	\$107.00 per hour	***DTS ST \$260.00 hr.
Fully equipped /enclosed dive trailer	\$225.00 per day	DTS OT \$361.00 hr.
Pickup Truck	\$178.00 per day	DTS DT \$465.00 hr.
Dive Chamber & Compressor	\$710.00 per day	
Mileage – truck	\$0.84 mile	
Mileage – truck w/ trailer	\$1.14 mile	
Dive trailer / gear	\$201.00	

Inspection Equipment

Digital underwater camera with strobe	\$178.00 per day
CCTV color video system with 100 meter cable	\$383.00 per day
Magnetic particle testing equipment	\$178.00 per day

Welding Equipment

300 amp diesel welder	\$178.00 per day
Burning equipment	\$178.00 per day
Welding equipment	\$118.00 per day
Welding rod – mild steel	\$5.00 each
Welding rod – stainless steel	\$7.50 each
Burning rod	\$6.90 each

Propeller Polishing Equipment

Hydraulic propeller polisher	\$178.00 per day
Hydraulic power system and hose for polisher	\$178.00 per day
Polishing pad	\$102.00 ea.
Propeller drill	\$180.00 per day

Hydraulic Power Units and Tools

14 gpm hydraulic unit	\$151.00 per day
Hydraulic grinder	\$93.00 per day
14" hydraulic cutoff saw	\$184.00 per day

EXHIBIT F



Hydraulic impact wrench small	\$93.00 per day
Hydraulic impact wrench large	\$141.00 per day
Hydraulic chipping hammer	\$141.00 per day
Chain Saw	\$148.00 per day
Dual head brush kart	\$225.00 per day
Hydraulic Impact gun	\$141.00 per day
Hydraulic concrete drill	\$141.00 per day

Other Equipment

Air drill	\$63.00 per day
Air grinder	\$93.00 per day
Air tool compressor	\$93.00 per day
Hull cleaning	Per vessel bid
Cofferdam patches	On request
Consumables	Cost plus 20%
Confined Space equipment	\$225.00 per day
Cofferdam dry pump	\$178.00 per day

Misc. Items

1 gal contact cement	\$85.00
2 gal kit Splash Zone	\$240.00
Water plug per bucket	\$97.00
Dry Suit	\$56.00 per tank / day

Terms and Conditions

Diving teams come equipped with air helmet, diving hose, hardwire communication and underwater light system. Additional underwater tools and equipment will be billed at listed rates.

Minimum call out: 8 hour shift minimum on all work days.

Straight time rates: charged between 7am and 5 pm.

Overtime rates charged between 5pm and 7am, after 8 hours and weekends.

Double time rate will be charged for employee time in excess of 12 hours worked

Holidays double-time rates charged for the following holidays: Christmas, New Years Day, Easter Sunday, Labor Day, Memorial Day, Thanksgiving Day, and Fourth of July.

Mobilization and demobilization are billed at shop man hours.

Boat rates are charged dock to dock.

Minimum dive team – diver and two tenders.

Bottom times as set by US Navy dive tables.

Payment terms: Net 30 days

EXHIBIT F



Rate Sheet

January 2019

Cargo Velocity Inc. On Call Work Group	2019 Hourly Rates, US Dollars
Principal Engineer, Terminal Planning, PE	\$225.00
Railway Systems Engineer, PE	\$225.00
Project Manager	\$153.00
Project Engineer (CAD), PE	\$153.00
Engineer I (CAD & analysis)	\$144.00
Contract Administrator	\$117.00

Rates include overhead, office expenses, fringe benefits

Travel and expenses will be invoiced at cost

Annual escalation will be scaled to West Coast CPI.

Primary Contact:

Dan Johnson, PE
Cargo Velocity Inc.
204 G Street, Suite 201
Petaluma, CA, 94953
Phone: 510-913-6558

EXHIBIT F

Earth Mechanics, Inc.

Geotechnical & Earthquake Engineering

FEE SCHEDULE (2019)

Port of Los Angeles
On-Call Engineering Services

LABOR CATEGORY	FULLY BURDENED HOURLY RATE
Principal/Senior Consultant	\$272.85
Principal Engineer/Geologist	\$238.44
Senior Engineer/Geologist	\$200.79
Senior Project Engineer/Geologist	\$166.28
Project Engineer/Geologist	\$153.73
Senior Staff Engineer/Geologist	\$119.22
Staff Engineer/Geologist	\$106.67
Senior Technician	\$131.77
Technician	\$62.75
Clerical	\$109.81

Combined Overhead Rate = 185.21%

Profit = 10 %

Multiplier = 3.1373

EXHIBIT G

Company Name & Logo
Address

Accounts Payable Section
Harbor Department, City of Los Angeles
P.O. Box 191
San Pedro, CA 90733-0191
Attention: _____

Project Title:
Agreement No.:
Directive No.:

Invoice No.:
Invoice Date:
Invoice Period:
Federal ID No.:
City Business Tax No.:

Consultant Contact:
Telephone:

Task No.	Description	Fee Type	Contract Amount	Authorized Amount	% Comp	Amount Paid to Date	Prior Invoices	Current Invoice	Remaining Balance
1			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
2			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
3			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
4			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
	GRAND TOTAL		\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -

"I certify under penalty of perjury that the above bill is just and correct according to the terms of Agreement No. _____ and that payment has not been received. I further certify that I have complied with the provisions of the City's Living Wage Ordinance."

Project Manager

EXHIBIT H

MONTHLY SUBCONSULTANT MONITORING REPORT

Instructions: Please indicate the SBE/MBE/WBE/OBE/DBE participation levels achieved for the month of _____ covered by the referenced contract number.

Contract No. _____ Division _____ Contractor Administrator _____

Contractor _____ *Group _____ Contract Title/Project _____

Contract Amount _____ Start Date _____ End Date _____

Total Amount Invoiced to Date _____

SBE Mandated Participation Percentage _____ SBE _____ VSBE _____

Proposed Subcontractor Percentage _____ MBE _____ WBE _____ OBE _____ DVBE _____

				PROPOSED		ACTUALS		
	Name of Subcontractor	Type of Work Performed	Group SBE/VSBE/MBE/WBE/OBE/DVBE	Original Proposed Amount	Original Proposed Percentage	Amount Paid to Date	Amount Paid to Date Percentage	Contract Amount Percentage
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

Directions:

Original Proposed Percentage: Original Proposed Percentage of Total Contract Amount

Amount Paid to Date Percentage: Percentage of Total Amount Invoiced to Date

Contract Amount Percentage: Percentage Paid to Date of Total Contract Amount

* Group = (SBE/VSBE/MBE/WBE/OBE/DVBE/DBE)

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

Sec. 10.8.4 Affirmative Action Program Provisions.

Every non-construction contract with or on behalf of the City of Los Angeles for which the consideration is \$100,000 or more and every construction contract with or on behalf of the City of Los Angeles for which the consideration is \$5,000 or more shall contain the following provisions which shall be designated as the AFFIRMATIVE ACTION PROGRAM provisions of such contract:

- A. During the performance of City contract, the contractor certifies and represents that the contractor and each subcontractor hereunder will adhere to an affirmative action program to ensure that in its employment practices, persons are employed and employees are treated equally and without regard to or because of race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
 - 1. This provision applies to work or services performed or materials manufactured or assembled in the United States.
 - 2. Nothing in this section shall require or prohibit the establishment of new classifications of employees in any given craft, work or service category.
 - 3. The contractor shall post a copy of Paragraph A hereof in conspicuous places at its place of business available to employees and applicants for employment.
- B. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to their race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
- C. As part of the City's supplier registration process, and/or at the request of the awarding authority or the Office of Contract Compliance, the contractor shall certify on an electronic or hard copy form to be supplied, that the contractor has not discriminated in the performance of City contracts against any employee or applicant for employment on the basis or because of race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
- D. The contractor shall permit access to and may be required to provide certified copies of all of its records pertaining to employment and to its employment practices by the awarding authority or the Office of Contract Compliance, for the purpose of investigation to ascertain compliance with the Affirmative Action Program provisions of City contracts, and on their or either of their request to provide evidence that it has or will comply therewith.

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

- E. The failure of any contractor to comply with the Affirmative Action Program provisions of City contracts may be deemed to be a material breach of contract. Such failure shall only be established upon a finding to that effect by the awarding authority, on the basis of its own investigation or that of the Board of Public Works, Office of Contract Compliance. No such finding shall be made except upon a full and fair hearing after notice and an opportunity to be heard has been given to the contractor.
- F. Upon a finding duly made that the contractor has breached the Affirmative Action Program provisions of a City contract, the contract may be forthwith cancelled, terminated or suspended, in whole or in part, by the awarding authority, and all monies due or to become due hereunder may be forwarded to and retained by the City of Los Angeles. In addition thereto, such breach may be the basis for a determination by the awarding authority or the Board of Public Works that the said contractor is an irresponsible bidder or proposer pursuant to the provisions of Section 371 of the Los Angeles City Charter. In the event of such determination, such contractor shall be disqualified from being awarded a contract with the City of Los Angeles for a period of two years, or until he or she shall establish and carry out a program in conformance with the provisions hereof.
- G. In the event of a finding by the Fair Employment and Housing Commission of the State of California, or the Board of Public Works of the City of Los Angeles, or any court of competent jurisdiction, that the contractor has been guilty of a willful violation of the California Fair Employment and Housing Act, or the Affirmative Action Program provisions of a City contract, there may be deducted from the amount payable to the contractor by the City of Los Angeles under the contract, a penalty of TEN DOLLARS (\$10.00) for each person for each calendar day on which such person was discriminated against in violation of the provisions of a City contract.
- H. Notwithstanding any other provisions of a City contract, the City of Los Angeles shall have any and all other remedies at law or in equity for any breach hereof.
- I. The Public Works Board of Commissioners shall promulgate rules and regulations through the Office of Contract Compliance and provide to the awarding authorities electronic and hard copy forms for the implementation of the Affirmative Action Program provisions of City contracts, and rules and regulations and forms shall, so far as practicable, be similar to those adopted in applicable Federal Executive Orders. No other rules, regulations or forms may be used by an awarding authority of the City to accomplish this contract compliance program.
- J. Nothing contained in City contracts shall be construed in any manner so as to require or permit any act which is prohibited by law.
- K. The Contractor shall submit an Affirmative Action Plan which shall meet the requirements of this chapter at the time it submits its bid or proposal or at the time it

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

registers to do business with the City. The plan shall be subject to approval by the Office of Contract Compliance prior to award of the contract. The awarding authority may also require contractors and suppliers to take part in a pre-registration, pre-bid, pre-proposal, or pre-award conference in order to develop, improve or implement a qualifying Affirmative Action Plan. Affirmative Action Programs developed pursuant to this section shall be effective for a period of twelve

months from the date of approval by the Office of Contract Compliance. In case of prior submission of a plan, the contractor may submit documentation that it has an Affirmative Action Plan approved by the Office of Contract Compliance within the previous twelve months. If the approval is 30 days or less from expiration, the contractor must submit a new Plan to the Office of Contract Compliance and that Plan must be approved before the contract is awarded.

1. Every contract of \$5,000 or more which may provide construction, demolition, renovation, conservation or major maintenance of any kind shall in addition comply with the requirements of Section 10.13 of the Los Angeles Administrative Code.
 2. A contractor may establish and adopt as its own Affirmative Action Plan, by affixing his or her signature thereto, an Affirmative Action Plan prepared and furnished by the Office of Contract Compliance, or it may prepare and submit its own Plan for approval.
- L. The Office of Contract Compliance shall annually supply the awarding authorities of the City with a list of contractors and suppliers who have developed Affirmative Action Programs. For each contractor and supplier the Office of Contract Compliance shall state the date the approval expires. The Office of Contract Compliance shall not withdraw its approval for any Affirmative Action Plan or change the Affirmative Action Plan after the date of contract award for the entire contract term without the mutual agreement of the awarding authority and the contractor.
- M. The Affirmative Action Plan required to be submitted hereunder and the pre-registration, pre-bid, pre-proposal or pre-award conference which may be required by the Board of Public Works, Office of Contract Compliance or the awarding authority shall, without limitation as to the subject or nature of employment activity, be concerned with such employment practices as:
1. Apprenticeship where approved programs are functioning, and other on-the-job training for non-apprenticeable occupations;
 2. Classroom preparation for the job when not apprenticeable;
 3. Pre-apprenticeship education and preparation;

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

4. Upgrading training and opportunities;
 5. Encouraging the use of contractors, subcontractors and suppliers of all racial and ethnic groups, provided, however, that any contract subject to this ordinance shall require the contractor, subcontractor or supplier to provide not less than the prevailing wage, working conditions and practices generally observed in private industries in the contractor's, subcontractor's or supplier's geographical area for such work;
 6. The entry of qualified women, minority and all other journeymen into the industry; and
 7. The provision of needed supplies or job conditions to permit persons with disabilities to be employed, and minimize the impact of any disability.
- N. Any adjustments which may be made in the contractor's or supplier's workforce to achieve the requirements of the City's Affirmative Action Contract Compliance Program in purchasing and construction shall be accomplished by either an increase in the size of the workforce or replacement of those employees who leave the workforce by reason of resignation, retirement or death and not by termination, layoff, demotion or change in grade.
- O. Affirmative Action Agreements resulting from the proposed Affirmative Action Plan or the pre-registration, pre-bid, pre-proposal or pre-award conferences shall not be confidential and may be publicized by the contractor at his or her discretion. Approved Affirmative Action Agreements become the property of the City and may be used at the discretion of the City in its Contract Compliance Affirmative Action Program.
- P. This ordinance shall not confer upon the City of Los Angeles or any Agency, Board or Commission thereof any power not otherwise provided by law to determine the legality of any existing collective bargaining agreement and shall have application only to discriminatory employment practices by contractors or suppliers engaged in the performance of City contracts.
- Q. All contractors subject to the provisions of this section shall include a like provision in all subcontracts awarded for work to be performed under the contract with the City and shall impose the same obligations, including but not limited to filing and reporting obligations, on the subcontractors as are applicable to the contractor. Failure of the contractor to comply with this requirement or to obtain the compliance of its subcontractors with all such obligations shall subject the contractor to the imposition of any and all sanctions allowed by law, including but not limited to termination of the contractor's contract with the City.

EXHIBIT J

SMALL/VERY SMALL BUSINESS ENTERPRISE PROGRAM AND LOCAL BUSINESS PREFERENCE PROGRAM

(1) SMALL/VERY SMALL BUSINESS ENTERPRISE PROGRAM

The City of Los Angeles Harbor Department is committed to creating an environment that provides all individuals and businesses open access to the business opportunities available at the Harbor Department in a manner that reflects the diversity of the City of Los Angeles. The Harbor Department's Small Business Enterprise (SBE) Program was created to provide additional opportunities for small businesses to participate in professional service and construction contracts. An overall Department goal of 25% SBE participation, including 5% Very Small Business Enterprise (VSBE) participation, has been established for the Program. The specific goal or requirement for each contract opportunity may be higher or lower based on the scope of work.

It is the policy of the Harbor Department to solicit participation in the performance of all service contracts by all individuals and businesses, including, but not limited to, SBEs, VSBEs, women-owned business enterprises (WBEs), minority-owned business enterprises (MBEs), and disabled veteran business enterprises (DVBES). The SBE Program allows the Harbor Department to target small business participation, including MBEs, WBEs, and DVBES, more effectively. It is the intent of the Harbor Department to make it easier for small businesses to participate in contracts by providing education and assistance on how to do business with the City, and ensuring that payments to small businesses are processed in a timely manner. **In order to ensure the highest participation of SBE/VSBE/MBE/WBE/DVBES, all proposers shall utilize the City's contracts management and opportunities database, the Los Angeles Business Assistance Virtual Network (LABAVN), at <http://www.labavn.org>, to outreach to potential subcontractors.**

The Harbor Department defines a SBE as an independently owned and operated business that is not dominant in its field and meets criteria set forth by the Small Business Administration in Title 13, Code of Federal Regulations, Part 121. Go to www.sba.gov for more information. The Harbor Department defines a VSBE based on the State of California's Micro-business definition which is 1) a small business that has average annual gross receipts of \$3,500,000 or less within the previous three years, or (2) a small business manufacturer with 25 or fewer employees.

The SBE Program is a results-oriented program, requiring consultants who receive contracts from the Harbor Department to perform outreach and utilize certified small businesses. **Based on the work to be performed, it has been determined that the percentage of small business participation will be __%, including __% VSBE participation.** The North American Industry Classification System (NAICS) Code for the scope of services is _____. This NAICS Code is the industry code that corresponds to at least 51% of the scope of services and will be used to determine the size standard for SBE participation of the Prime Consultant. The maximum SBE size standard for this NAICS Code is \$_ million.

Consultant shall be responsible for determining the SBE status of its subconsultants for purposes of meeting the small business requirement. Subconsultants must qualify as an SBE based on the type of services that they will be performing under the Agreement. All business participation will be determined by the percentage of the total amount of compensation under the agreement paid to SBEs. The Consultant shall not substitute an SBE firm without obtaining prior approval of the City. A request for substitution must be based upon demonstrated good cause. If substitution is permitted, Consultant shall endeavor to make an in-kind substitution for the substituted SBE.

(2) LOCAL BUSINESS PREFERENCE PROGRAM:

The Harbor Department is committed to maximizing opportunities for local and regional businesses, as well as encouraging local and regional businesses to locate and operate within the Southern California region. It is the policy of the Harbor Department to support an increase in local and regional jobs. The Harbor Department's Local Business Preference Program (LBPP) aims to benefit the Southern California region by increasing jobs and expenditures within the local and regional private sector.

The Harbor Department defines a LBE as: **EXHIBIT J**

- (a) A business headquartered within Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties; or
- (b) A business that has at least 50 full-time employees, or 25 full-time employees for specialty marine contracting firms, working in Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties.

In order for Harbor Department staff to determine the appropriate LBE preference, Consultant shall complete, sign, notarize (where applicable) and submit the attached Affidavit and Contractor Description Form. The Affidavit and Contractor Description Form will signify the LBE status of the Consultant and subconsultants. Prior to contract award, the Harbor Department will verify the status of all LBEs.

Consultant shall complete, sign, notarize (where applicable) and submit as part of the executed agreement the attached Affidavit and Contractor Description Form. The Contractor Description Form, when signed, will signify the Consultant's intent to comply with the SBE and LBPP requirements. Prior to contract award, the Harbor Department will verify the status of all SBEs. In addition, prior to being awarded a contract with the Harbor Department, all contractors and subcontractors must be registered on LABAVN.

In the event of Consultant's noncompliance during the performance of the Agreement, Consultant shall be considered in material breach of contract. In addition to any other remedy available to City under this Agreement or by operation of law, the City may withhold invoice payments to Consultant until noncompliance is corrected, and assess the costs of City's audit of books and records of Consultant and its subconsultants. In the event the Consultant falsifies or misrepresents information contained in any form or other willful noncompliance as determined by City, City may disqualify the Consultant from participation in City contracts for a period of up to five (5) years.

EXHIBIT J
AFFIDAVIT OF COMPANY STATUS

"The undersigned declares under penalty of perjury pursuant to the laws of the State of California that the following information and information contained on **the attached Consultant Description Form** is true and correct and includes all material information necessary to identify and explain the operations of

KPFF Consulting Engineers

Name of Firm

as well as the ownership and location thereof. Further, the undersigned agrees to provide complete and accurate information regarding ownership in the named firm, and all of its domestic and foreign affiliates, any proposed changes of the ownership and to permit the audit and examination of firm ownership documents, and the ownership documents of all of its domestic and foreign affiliates, in association with this agreement."

(1) **Small/Very Small Business Enterprise Program:** Please indicate the ownership of your company. Please check all that apply. At least one box must be checked:

☐SBE ☐VSBE ☐MBE ☐WBE ☐DVBE ☒OBE

- A Small Business Enterprise (SBE) is an independently owned and operated business that is not dominant in its field and meets criteria set forth by the Small Business Administration in Title 13, Code of Federal Regulations, Part 121.
- A Very Small Business Enterprise (VSBE) is 1) a small business that has average annual gross receipts of \$5,000,000 or less within the previous three years, or (2) a small business manufacturer with 25 or fewer employees.
- A Minority Business Enterprise (MBE) is defined as a business in which a minority owns and controls at least 51% of the business. A Woman Business (WBE) is defined as a business in which a woman owns and controls at least 51% of the business. For the purpose of this project, a minority includes:
 - (1) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin);
 - (2) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish Culture or origin, regardless of race);
 - (3) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, The Indian Subcontinent, or the Pacific Islands); and
 - (4) American Indian or Alaskan Native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).
- A Disabled Veteran Business Enterprise (DVBE) is defined as a business in which a disabled veteran owns at least 51% of the business, and the daily business operations are managed and controlled by one or more disabled veterans.
- An OBE (Other Business Enterprise) is any enterprise that is neither an SBE, VSBE, MBE, WBE, or DVBE.

EXHIBIT J

(2) **Local Business Preference Program:** Please indicate the Local Business Enterprise status of your company. Only one box must be checked:

☒ LBE ☐ Non-LBE

- A Local Business Enterprise (LBE) is: (a) a business headquartered within Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties; or (b) a business that has at least 50 full-time employees, or 25 full-time employees for specialty marine contracting firms, working in Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties. "Headquartered" shall mean that the business physically conducts and manages all of its operations from a location in the above-named counties.
- A Non-LBE is any business that does not meet the definition of a LBE.

Signature: 

Printed Name: Todd Graham

Title: Principal

Date Signed: 04/17/2019

EXHIBIT J

Consultant Description Form

PRIME CONSULTANT:

Contract Title: Port of Los Angeles On-Call Engineering Services
Business Name: KPFF Inc. LABAVN ID#: 22283
Award Total: \$ NA
Owner's Ethnicity: NA Gender NA Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise: YES X NO (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 148,779,310
Address: 400 Oceangate, Ste 500
City/State/Zip: Long Beach, California 90802
County: Los Angeles County
Telephone: (562) 437-9100 FAX: (213) 266-5294
Contact Person/Title: Todd Graham, Principal
Email Address: todd.graham@kpff.com

SUBCONSULTANT:

Business Name: Anchor QEA, LLC LABAVN ID#: 61245
Award Total: (% or \$): N/A
Services to be provided: Dredging, Coastal, and Environmental Engineering
Owner's Ethnicity: C Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise: YES NO X (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 92 Million
Address: 9700 Research Drive
City/State/Zip: Irvine, CA 92618
County: Orange
Telephone: (949) 347-2780 FAX: () N/A
Contact Person/Title: Steve Cappellino
Email Address: scappellino@anchorqea.com

SUBCONSULTANT:

Business Name: C Below, Inc. LABAVN ID#:
Award Total: (% or \$): TBD
Services to be provided: Underground Utility Locating
Owner's Ethnicity: M Gender Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise: YES NO (Check only one)
Primary NAICS Code: 561990 Average Three Year Gross Revenue: \$ 6.5M
Address: 14280 Euclid Avenue
City/State/Zip: Chino, CA 91710
County: San Bernardino
Telephone: (888) 902-3569 FAX: ()
Contact Person/Title: David Mintzer Business Development Manager
Email address: DMintzer@cbelow.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: GHD Inc. LABAVN ID#: 81520
Award Total: (% or \$): _____
Services to be provided: Ocean and coastal engineering
Owner's Ethnicity: N/A Gender _____ Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise: YES X NO _____ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$115,300,000
Address: 3760 Kilroy Airport Way Suite 130
City/State/Zip: Long Beach CA 90806
County: Los Angeles
Telephone: (562) 206 7990 FAX: () N/A
Contact Person/Title: Gillian Millar, CEng, Maritime & Coastal Service Line Leader - North America
Email Address: gillian.millar@ghd.com

SUBCONSULTANT:

Business Name: General Technologies and Solutions (GTS) LABAVN ID#: 92111
Award Total: (% or \$): _____
Services to be provided: Traffic Engineering and Transportation Planning
Owner's Ethnicity: Middle East Gender M Group: SBE VSBE MBE WBE DVBE OBE
Local Business Enterprise: YES NO _____ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ N.A.
Address: 830 Traction Ave Suite 3A
City/State/Zip: Los Angeles, CA 90013
County: Los Angeles
Telephone: (213) 267 2332 FAX: (213) 318 0744
Contact Person/Title: Rawad Hani / Principal
Email Address: rawad.hani@gentecsol.com

SUBCONSULTANT:

Business Name: Hatch Associates Consultants, Inc. LABAVN ID#: 87393
Award Total: (% or \$): _____
Services to be provided: _____
Owner's Ethnicity: _____ Gender _____ Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise: YES x NO _____ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 70 million
Address: 601 S. Figueroa Street
City/State/Zip: Los Angeles, CA 90017
County: Los Angeles
Telephone: (213) 205-3190 FAX: () _____
Contact Person/Title: Hanh Le-Griffin, Director, Ports and Terminal Planning
Email Address: hanh.le-griffin@hatch.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Integrated Engineering Management (IEM) LABAVN ID#: 4786

Award Total: (% or \$): TBD

Services to be provided: Cost Estimating/Scheduling/Constructability Review

Owner's Ethnicity: Caucasian Gender Female Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 3.5M

Address: 302 W. 5th Street, Suite 207

City/State/Zip: San Pedro, CA 90731

County: Los Angeles

Telephone: (310) 221-0749 FAX: (310) 221-0859

Contact Person/Title: Behjat Zanjani, President

Email Address: bzanjani@iemcm.com

SUBCONSULTANT:

Business Name: Jensen Hughes, Inc. LABAVN ID#: _____

Award Total: (% or \$): _____

Services to be provided: Fire/Life Safety Consulting

Owner's Ethnicity: _____ Gender _____ Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ _____

Address: 2099 S. State College Boulevard, Suite 540

City/State/Zip: Anaheim, CA 92806

County: Orange

Telephone: (714) 450-1700 FAX: (714) 450-1701

Contact Person/Title: Vidar Landa, Director

Email Address: vlanda@jensenhughes.com

SUBCONSULTANT:

Business Name: John M. Cruikshank Consultants, Inc. dba JMC2 LABAVN ID#: 4083

Award Total: (% or \$): TBD

Services to be provided: Civil Engineering

Owner's Ethnicity: C Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES x NO (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 15,000 estimated

Address: 411 N. Harbor Blvd. Suite 201

City/State/Zip: San Pedro, CA 90731

County: Los Angeles

Telephone: (310) 241-6550 FAX: () _____

Contact Person/Title: John M. Cruikshank - President / CEO

Email Address: jcruikshank@jmc-2.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Kewo Engineering Corporation LABAVN ID#: 71117

Award Total: (% or \$): _____

Services to be provided: Engineering Services

Owner's Ethnicity: Asian Gender Male Group: (SBE) (VSBE) (MBE) WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO _____ (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 572,463

Address: 510 S Hewitt St #304

City/State/Zip: Los Angeles, CA 90013

County: Los Angeles

Telephone: (646) 450 - 5396 FAX: () _____

Contact Person/Title: Brian B. Kewo, President

Email Address: Brian.Kewo@kewocorp.com

SUBCONSULTANT:

Business Name: LG2WB Engineers, Inc. dba
Linscott, Law & Greenspan, Eng. LABAVN ID#: 3262

Award Total: (% or \$): _____

Services to be provided: Transportation Planning and Transportation Engineering Design

Owner's Ethnicity: _____ Gender _____ Group: (SBE) (VSBE) (MBE) WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES x NO _____ (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 10.5 million

Address: 600 South Lake Avenue, Suite 500

City/State/Zip: Pasadena, CA 91106

County: Los Angeles

Telephone: (626) 796-2322 FAX: (626) 792-0941

Contact Person/Title: Clare M. Look-Jaeger, P.E. *Clare M. Look-Jaeger*

Email Address: look-jaeger@llgengineers.com

SUBCONSULTANT:

Business Name: Mark Thomas & Company, Inc. LABAVN ID#: 34046

Award Total: (% or \$): TBD

Services to be provided: Transportation Design

Owner's Ethnicity: Caucasian Gender Male Group: SBE VSBE MBE WBE DVBE (OBE) (Circle all that apply)

Local Business Enterprise: YES _____ NO X (Check only one)

Primary NAICS Code: 54133 Average Three Year Gross Revenue: \$ 40 Million

Address: 16795 Von Karman Avenue, Suite 240

City/State/Zip: Irvine, CA 92606

County: Orange

Telephone: (949) 477-9000 FAX: (949) 477-4102

Contact Person/Title: Rob Himes, PE, President

Email Address: rhimes@markthomas.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: McKay International Engineers LABAVN ID#: 100452

Award Total: (% or \$): _____

Services to be provided: Mechanical/Electrical Engineering Consulting Services

Owner's Ethnicity: White Gender Male Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES _____ NO X (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 1,434,676

Address: 560 First Street, Suite C107

City/State/Zip: Benicia, CA 94510

County: Solano

Telephone: (707) 748-4333 FAX: (707) 748-4344

Contact Person/Title: Vicki Gee/Office Manager

Email Address: vgee@mckayint.com

SUBCONSULTANT:

Business Name: Muni-Fed Energy, Inc. LABAVN ID#: 66530

Award Total: (% or \$): TBD

Services to be provided: Environmental Engineering Services

Owner's Ethnicity: Caucasian Gender Male Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO _____ (Check only one)

Primary NAICS Code: 541620 Average Three Year Gross Revenue: \$ 285,761

Address: 192 Marina Drive

City/State/Zip: Long Beach/CA/90803

County: Los Angeles

Telephone: (562) 303-6514 FAX: () _____

Contact Person/Title: Greg Alexander/Vice President & COO

Email Address: greg@munifedenergy.com

SUBCONSULTANT:

Business Name: P2S Inc. LABAVN ID#: 3805

Award Total: (% or \$): TBD

Services to be provided: Mechanical, Electrical & Plumbing Engineering Design

Owner's Ethnicity: White Gender Male Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO _____ (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 29,813,158

Address: 5000 E. Spring St., Suite 800

City/State/Zip: Long Beach CA 90815

County: Los Angeles

Telephone: (562) 497.2999 FAX: (562) 497.2990

Contact Person/Title: Mike Shen, Associate Principal

Email Address: mike.shen@p2sinc.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Pacific Railway Enterprises, Inc. LABAVN ID# 55736

Award Total (% or \$): TBD %

Services to be provided: Railroad Signal and Communications Systems Design and Engineering Services

Owner's Ethnicity: Caucasian Gender: F Group: SBE VSBE MBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES NO X (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue \$6,336,097

Address: 3560 University Avenue, Suite F,

City/State/Zip: Riverside, CA 92501

County: Riverside

Telephone: (951) 784-4630 FAX: () N/A

Contact Person/Title: Jennifer A. Purcell, PE, President / CEO

Email Address: japurcell@pacrail.com

SUBCONSULTANT:

Business Name: Perkins Eastman Architects DPC LABAVN ID#: 67764

Award Total: (% or \$): TBD

Services to be provided: Architecture, Urban Design

Owner's Ethnicity: White Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES NO X (Check only one)

Primary NAICS Code: 541310 Average Three Year Gross Revenue: \$143,000,000

Address: 5510 Lincoln Boulevard, Suite 250

City/State/Zip: Los Angeles, CA 90094

County: Los Angeles

Telephone: (310) 829-2249 FAX: (212) 353-7676

Contact Person/Title: Vaughan Davies, Principal

Email Address: v.davies@perkinseastman.com

SUBCONSULTANT:

Business Name: Port Design Partners, Inc. LABAVN ID# 87452

Award Total (% or \$): %

Services to be provided: Civil and Railroad Engineering Support

Owner's Ethnicity: Gender: Group: SBE VSBE MBE DVBE OBE (Circle all that apply)

Local Business Enterprise: YES X NO (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue \$81,509.00

Address: 6475 E. Pacific Coast Hwy, Ste 265

City/State/Zip: Long Beach, CA 90803

County: Los Angeles

Telephone: (949) 241-6759 FAX: () N/A

Contact Person/Title: Nathan deSouza

Email Address: nathand@portdp.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: MLA Green Inc., dba Studio-MLA LABAVN ID#: 7097
Award Total: (% or \$): _____
Services to be provided: Landscape architecture
Owner's Ethnicity: Latina Gender F Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise: YES X NO _____ (Check only one)
Primary NAICS Code: 56173 Average Three Year Gross Revenue: \$6,320,156
Address: 251 S Mission Road
City/State/Zip: LA CA 90033
County: Los Angeles
Telephone: (213) 384 3844 FAX: () _____
Contact Person/Title: Jan Dyer, Principal
Email Address: jan@studio-mla.com

SUBCONSULTANT:

Business Name: Coast Diving Service, Inc LABAVN ID#: 8973
Award Total: (% or \$): _____
Services to be provided: Vessel / Diving Support
Owner's Ethnicity: Wht. Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise: YES _____ NO X (Check only one)
Primary NAICS Code: 561990 Average Three Year Gross Revenue: \$ 1.25m
Address: 305. N. Beacon St.
City/State/Zip: San Pedro, CA 90731
County: Los Angeles
Telephone: (310) 547-0955 FAX: (310) 547-0970
Contact Person/Title: Tyler Finton
Email Address: shipldiving@aol.com

SUBCONSULTANT:

Business Name: Cargo Velocity, Inc LABAVN ID#: _____
Award Total (% or \$): TBD
Services to be provided: Planning, Design Consulting, Management Consulting for terminals and Port.
Owner's Ethnicity: C Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☐ No ☒ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ <1M
Address: 204 G Street, Suite 201
City/State/Zip: Petaluma, CA 94952
County: USA
Telephone (925) 255-5913 (xxx) _____
Contact Person/Title: Dan Johnson, President
Email Address: Dan.johnson@cargovelocity.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Earth Mechanics, Inc. LABAVN ID#: 285
Award Total: (% or \$): _____
Services to be provided: Geotechnical/earthquake engineering and laboratory services
Owner's Ethnicity: Asian Gender M Group: (SBE) (VSBE) (MBE) (WBE) (DVBE) (OBE) (Circle all that apply)
Local Business Enterprise: YES X NO _____ (Check only one)
Primary NAICS Code: 541330/541380 Average Three Year Gross Revenue: \$ 8.3M
Address: 17800 Newhope Street, Suite B
City/State/Zip: Fountain Valley, CA 92708
County: Orange
Telephone: (714) 751-3826 FAX: (714) 751-3928
Contact Person/Title: Kandaih (Arul) Arulmoli, PhD, PE, GE, Principal
Email Address: Arulmoli@earthmech.com

SUBCONSULTANT:

Business Name: _____ LABAVN ID#: _____
Award Total: (% or \$): _____
Services to be provided: _____
Owner's Ethnicity: _____ Gender _____ Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise: YES _____ NO _____ (Check only one)
Primary NAICS Code: _____ Average Three Year Gross Revenue: \$ _____
Address: _____
City/State/Zip: _____
County: _____
Telephone: () _____ FAX: () _____
Contact Person/Title: _____
Email Address: _____

SUBCONSULTANT:

Business Name: _____ LABAVN ID#: _____
Award Total: (% or \$): _____
Services to be provided: _____
Owner's Ethnicity: _____ Gender _____ Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise: YES _____ NO _____ (Check only one)
Primary NAICS Code: _____ Average Three Year Gross Revenue: \$ _____
Address: _____
City/State/Zip: _____
County: _____
Telephone: () _____ FAX: () _____
Contact Person/Title: _____
Email address: _____

EXHIBIT K

Sec. 10.8.2.1. Equal Benefits Ordinance.

Discrimination in the provision of employee benefits between employees with domestic partners and employees with spouses results in unequal pay for equal work. Los Angeles law prohibits entities doing business with the City from discriminating in employment practices based on marital status and/or sexual orientation. The City's departments and contracting agents are required to place in all City contracts a provision that the company choosing to do business with the City agrees to comply with the City's nondiscrimination laws.

It is the City's intent, through the contracting practices outlined in this Ordinance, to assure that those companies wanting to do business with the City will equalize the total compensation between similarly situated employees with spouses and with domestic partners. The provisions of this Ordinance are designed to ensure that the City's contractors will maintain a competitive advantage in recruiting and retaining capable employees, thereby improving the quality of the goods and services the City and its people receive, and ensuring protection of the City's property.

(c) Equal Benefits Requirements.

(1) No Awarding Authority of the City shall execute or amend any Contract with any Contractor that discriminates in the provision of Benefits between employees with spouses and employees with Domestic Partners, between spouses of employees and Domestic Partners of employees, and between dependents and family members of spouses and dependents and family members of Domestic Partners.

(2) A Contractor must permit access to, and upon request, must provide certified copies of all of its records pertaining to its Benefits policies and its employment policies and practices to the DAA, for the purpose of investigation or to ascertain compliance with the Equal Benefits Ordinance.

(3) A Contractor must post a copy of the following statement in conspicuous places at its place of business available to employees and applicants for employment: "During the performance of a Contract with the City of Los Angeles, the Contractor will provide equal benefits to its employees with spouses and its employees with domestic partners." The posted statement must also include a City contact telephone number which will be provided each Contractor when the Contract is executed.

(4) A Contractor must not set up or use its contracting entity for the purpose of evading the requirements imposed by the Equal Benefits Ordinance.

EXHIBIT K

(d) Other Options for Compliance. Provided that the Contractor does not discriminate in the provision of Benefits, a Contractor may also comply with the Equal Benefits Ordinance in the following ways:

(1) A Contractor may provide an employee with the Cash Equivalent only if the DAA determines that either:

a. The Contractor has made a reasonable, yet unsuccessful effort to provide Equal Benefits; or

b. Under the circumstances, it would be unreasonable to require the Contractor to provide Benefits to the Domestic Partner (or spouse, if applicable).

(2) Allow each employee to designate a legally domiciled member of the employee's household as being eligible for spousal equivalent Benefits.

(3) Provide Benefits neither to employees' spouses nor to employees' Domestic Partners.

(e) Applicability.

(1) Unless otherwise exempt, a Contractor is subject to and shall comply with all applicable provisions of the Equal Benefits Ordinance.

(2) The requirements of the Equal Benefits Ordinance shall apply to a Contractor's operations as follows:

a. A Contractor's operations located within the City limits, regardless of whether there are employees at those locations performing work on the Contract.

b. A Contractor's operations on real property located outside of the City limits if the property is owned by the City or the City has a right to occupy the property, and if the Contractor's presence at or on that property is connected to a Contract with the City.

c. The Contractor's employees located elsewhere in the United States but outside of the City limits if those employees are performing work on the City Contract.

(3) The requirements of the Equal Benefits Ordinance do not apply to collective bargaining agreements ("CBA") in effect prior to January 1, 2000. The Contractor must agree to propose to its union that the requirements of the Equal Benefits Ordinance be incorporated into its CBA upon amendment, extension, or other modification of a CBA occurring after January 1, 2000.

EXHIBIT K

(f) **Mandatory Contract Provisions Pertaining to Equal Benefits.**
Unless otherwise exempted, every Contract shall contain language that obligates the Contractor to comply with the applicable provisions of the Equal Benefits Ordinance. The language shall include provisions for the following:

(1) During the performance of the Contract, the Contractor certifies and represents that the Contractor will comply with the Equal Benefits Ordinance.

(2) The failure of the Contractor to comply with the Equal Benefits Ordinance will be deemed to be a material breach of the Contract by the Awarding Authority.

(3) If the Contractor fails to comply with the Equal Benefits Ordinance the Awarding Authority may cancel, terminate or suspend the Contract, in whole or in part, and all monies due or to become due under the Contract may be retained by the City. The City may also pursue any and all other remedies at law or in equity for any breach.

(4) Failure to comply with the Equal Benefits Ordinance may be used as evidence against the Contractor in actions taken pursuant to the provisions of Los Angeles Administrative Code Section 10.40, et seq., Contractor Responsibility Ordinance.

(5) If the DAA determines that a Contractor has set up or used its Contracting entity for the purpose of evading the intent of the Equal Benefits Ordinance, the Awarding Authority may terminate the Contract on behalf of the City. Violation of this provision may be used as evidence against the Contractor in actions taken pursuant to the provisions of Los Angeles Administrative Code Section 10.40, et seq., Contractor Responsibility Ordinance.

AGREEMENT NO.
BETWEEN THE CITY OF LOS ANGELES
AND
WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS, INC.

THIS AGREEMENT ("Agreement") is made and entered into by and between the CITY OF LOS ANGELES, a municipal corporation ("City") acting by and through its Board of Harbor Commissioners ("Board"), and WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS, INC., a Nevada corporation, whose address is 6001 Rickenbacker Road, Los Angeles, CA 90040 (Consultant").

WHEREAS, City requires professional, scientific, expert or technical services of a temporary and occasional character, including as-needed services to support the City's Capital Improvement Program ("CIP") and Maintenance Improvement Program ("MIP") in connection with the project described in Exhibit "A" hereto ("Project"); and

WHEREAS, Consultant is an organization that provides services, including, but not limited to, those services required by the City and, by virtue of training and experience, is well-qualified to provide such services to the City; and

WHEREAS, by reason of the nature and length of the services required by City, it is not economical or feasible for City to have such services performed by its own employees;

NOW, THEREFORE, in consideration of the covenants, terms and conditions hereinafter contained to be kept and performed by the respective parties hereto, it is mutually agreed as follows:

1. Incorporation of Recitals.

1.1 The recitals to this Agreement above are incorporated herein and made a part hereof.

2. Services To Be Performed By Consultant.

2.1 All of the services Consultant shall perform for City are set forth in Exhibit "B" hereto and hereinafter shall be referred to as "Scope of Work." Among other things, Exhibit "B" breaks down the Scope of Work into individual tasks and, in some cases, further breaks down such tasks into subtasks, which hereinafter shall be referred to generically as "Tasks" and "Subtasks." The aggregate of all Tasks and, as applicable, Subtasks, comprises the Scope of Work.

2.2 Consultant's performance of Tasks and, as applicable, Subtasks shall occur as follows:

a. The Chief Harbor Engineer of the Engineering Division of City's Harbor Department ("Engineer") shall issue a written document in the form

attached hereto as Exhibit "C" that has been signed by the Deputy Executive Director of Development for the City's Harbor Department and that specifies, without limitation: the Task or Subtask to be performed; the specific services required in connection with such Task or Subtask; the deliverables required in the performance of such Task or Subtask; the schedule for the performance of such Task or Subtask; authorized personnel who may perform the Task or Subtask; authorized compensation for such Task or Subtask; and MBE/WBE/SBE/VSBE/DVBE/OBE utilization ("Directive"). Directives shall specifically identify any services that fall within the meaning of "design professional services" as defined by Section 2782.8 of the California Civil Code to which the indemnity obligation set forth at Section 9.2 of this Agreement shall apply. A Directive's failure to identify such "design professional services" shall bar application of Section 9.2 to that Directive.

b. Consultant, to reflect its agreement with all the terms of such Directive, shall sign, date and return such Directive to Engineer.

c. Following Engineer's receipt of the Directive signed by Consultant, Engineer shall issue a written document in the form attached hereto as Exhibit "D" that has been signed by Engineer and that authorizes Consultant to commence performance of the services contemplated by such Directive ("Notice to Proceed").

2.3 Consultant acknowledges and agrees that it lacks authority to perform and that Engineer lacks authority to request the performance of any services outside the Scope of Work. Consultant further acknowledges and agrees that any services it performs outside the Scope of Work or a Directive, or in the absence of both a Directive and a Notice to Proceed, are performed as a volunteer and shall not be compensable under this Agreement.

2.4 The Scope of Work shall be performed by personnel qualified and competent in the sole reasonable discretion of Engineer, whether performance is undertaken by Consultant or third-parties with whom Consultant has contracted and whom are listed on Exhibit "J" on the effective date of this Agreement, or whom Engineer may subsequently approve in writing ("Subconsultants"). Obligations of this Agreement, whether undertaken by Consultant or Subconsultants, are and shall be the responsibility of Consultant. Consultant acknowledges and agrees that this Agreement creates no rights in Subconsultants with respect to City and that obligations that may be owed to Subconsultants, including, but not limited to, the obligation to pay Subconsultants for services performed, are those of Consultant alone. Upon Engineer's written request, Consultant shall supply City's Harbor Department with all agreements between it and its Subconsultants.

2.5 Consultant's performance of the Scope of Work shall adhere in all respects to the schedule set forth in a Directive.

2.6 Consultant, at its sole cost and expense, shall furnish all services, materials, equipment, subsistence, transportation and all other items necessary to perform the Scope of Work. As between City and Consultant, Consultant is solely responsible for any taxes or fees which may be assessed against it or its employees resulting from performance of the Scope of Work, whether social security, payroll or

other, and regardless of whether assessed by the federal government, any state, the City, or any other governmental entity. City shall pay applicable state or local fees necessary to obtain approval, plan checks, permits and variances for the Project.

2.7 Engineer shall resolve in his or her sole reasonable discretion any issues or questions which may arise during the term of this Agreement as to the quality or acceptability of Consultant's performance of the Scope of Work, the manner of performance, the interpretation of direction given to Consultant, the acceptable completion of a Directive, and the amount of compensation due. Upon written notice from Engineer, Consultant shall assign replacement personnel and/or shall remedy any deficient services or work product to Engineer's reasonable satisfaction and at Consultant's sole cost and expense. Compliance with the requirements of this Section 2.7 is a condition to payment by City of compensation to Consultant pursuant to this Agreement.

2.8 Consultant's representative responsible for administering this Agreement, Sarp Ersoylu, P.E. ("Project Manager"), shall not be changed without Engineer's written approval. Engineer may, for any reason in his or her sole reasonable discretion, require Consultant to substitute a new Project Manager. If City requests such a substitution, the substitute Project Manager shall expend whatever time and costs necessary to become familiar with the Project and any portions of the Scope of Work already performed at Consultant's sole cost and expense.

2.9 If the law requires Consultant, in performing the Scope of Work, to follow a different standard of care than the ordinary standard of care applied to a reasonable person, Consultant shall perform such services with the degree of diligence, skill, judgment, and care applicable to Consultant's profession ("professional standard"). Consultants not required to follow a professional standard shall exercise the degree of care required of ordinary persons.

2.10 For portions of the Scope of Work to be performed on a time and material basis, Consultant shall assign personnel, whether employees or Subconsultants, with the lowest applicable hourly rate who are fully competent to provide the services required. If Consultant finds it necessary to have any portion of the Scope of Work, which this Section 2.10 would require to be performed by personnel at a lower rate, to be performed by personnel at a higher rate, Consultant shall, nevertheless, invoice City at the lower rate.

2.11 Consultant shall promptly consider and implement, to the reasonable satisfaction of Engineer, any written comments of Engineer.

2.12 Consultant shall review information provided by City's Harbor Department, whether in the form of drawings, documents, and/or written or verbal comments, excluding survey data. Any such information reasonably believed by Consultant to be inaccurate, incomplete or inapplicable shall be brought promptly to the attention of Engineer in writing.

2.13 Consultant shall perform the Scope of Work as expeditiously as possible and at the time or times required by the Engineer. Time is of the essence in the performance of the Scope of Work. Consultant's failure to conform to any schedule set

forth in a Directive shall entitle City to have services completed by others, shall obligate Consultant to pay City's cost to undertake completion of such services, and shall authorize City to withhold such amounts from any payments otherwise due to Consultant. Consultant's failure to timely perform in accordance with the schedule set forth in a Directive shall result in economic losses to the City, including, but not limited to, the timely bidding and awarding of contracts, completion of the Project and the use of the Project by City's Harbor Department, its tenants and the public.

3. Services To Be Performed By City.

3.1 City's Harbor Department shall provide Consultant with available and/or necessary horizontal and vertical survey data in the form of field notes or electronic format as maintained by City's Harbor Department, access to public records, prints of existing aerial photos, existing planimetric maps, environmental documents, existing oceanographic studies and existing soil reports in the vicinity, previous specifications and other information which, in the sole reasonable discretion of Engineer, shall assist in completing the Scope of Work.

3.2 City's Harbor Department shall provide all necessary copies and prints of final plans, specifications and estimates for bid advertisement and construction.

3.3 City's Harbor Department shall provide survey, construction inspection, construction contract administration and soil compaction-testing services unless the Scope of Work provides otherwise.

3.4 Consultant shall provide Engineer with reasonable advance written notice if it requires access to the Project area or any other premises of City's Harbor Department. Subsequent access rights, if any, shall be granted to Consultant at the sole reasonable discretion of Engineer, specifying conditions Consultant must satisfy in connection with such access. Consultant acknowledges that the Project area may be occupied or used by tenants or contractors of City and that access rights granted by City's Harbor Department to Consultant shall be consistent with any such occupancy or use.

3.5 City shall not be obligated to provide information and/or services except as specified in this Agreement.

4. Effective Date and Term.

4.1 After approval by City in accordance with Section 245 of City's Charter, the effective date of this Agreement shall be the date of its execution by City's Harbor Department Executive Director ("Executive Director"). Consultant acknowledges that Section 245 of City's Charter furnishes to the City Council of City ("Council") the right to review this Agreement and that this Agreement shall not become effective until after the expiration of the fifth Council meeting day after approval of this Agreement by Board, or the date of Council's approval of the Agreement.

4.2 The term of this Agreement shall not exceed three (3) years, commencing on the Agreement's effective date. This Agreement shall be in full force and effect until:

a. Engineer determines that Consultant has completed the Scope of Work and provides Consultant written notice thereof; or

b. Board, in its sole discretion, terminates this Agreement, which termination shall become effective five (5) calendar days following Executive Director's transmittal of written notice advising Consultant of such action by Board. Upon receipt of such written notice, Consultant shall cease the performance of the Scope of Work. Consultant shall be entitled to compensation only for services actually performed prior to such termination. Engineer, in his or her sole reasonable discretion, shall determine the amount of services actually performed and shall allocate a portion of the total compensation due Consultant accordingly. If Board so terminates this Agreement, Consultant shall deliver all drawings, specifications, plans, reports, studies, calculations, estimates, documents and other work product produced pursuant to this Agreement to City in an organized, usable form with all items properly labeled to the degree of detail specified by the Engineer. No compensation shall be due Consultant until it complies with the requirements of this paragraph; or

c. Three (3) years have elapsed from the effective date of the Agreement.

4.3. Notwithstanding the foregoing, this Agreement is subject to the provisions of City's Charter which, among other things, precludes City from making any expenditure of funds or incurring any liability, including contractual commitments, in excess of the amount appropriated therefor. Board, in awarding this Agreement, is expected to appropriate sufficient funds to meet the estimated expenditure of funds through June 30 of the current fiscal year and to make further appropriations in each succeeding fiscal year during the life of the Agreement. However, Board is under no legal obligation to do so. City, its boards, officers, and employees are not bound by the terms of this Agreement or obligated to make payment thereunder in any fiscal year in which the Board does not appropriate funds therefor. Consultant is not entitled to any compensation in any fiscal year in which funds have not been appropriated for the Agreement by Board.

Although Consultant is not obligated to perform any services required by the Scope of Work in any fiscal year in which no appropriation for the Agreement has been made, Consultant shall resume performance of the Scope of Work on the same terms and conditions for a period of sixty (60) days after the end of the fiscal year if an appropriation therefor is approved by Board within that sixty (60)-day period. Consultant is responsible for maintaining all insurance and bonds during this sixty (60)-day period. The time for performance shall be extended during this period until the appropriation is made; however, such extension of time is not compensable.

If in any subsequent fiscal year funds are not appropriated by Board for this Agreement, this Agreement shall be terminated. However, such termination shall not

relieve the parties of liability for any obligation previously incurred.

5. Compensation.

5.1 For the full and satisfactory performance of the Scope of Work, City shall pay Consultant and Consultant shall accept a sum not to exceed Three Million Dollars (\$3,000,000) to be paid as specified in Exhibit "E." If Exhibit "E" allocates a specific amount to the performance of a Task or Subtask and if, following the completion of such Task or Subtask, unexpended sums remain in relation to such specific amount, Executive Director may, upon written notice to Consultant, allocate such unexpended sums to the performance of a subsequent Task or Subtask.

5.2 Compensation payable under this Agreement includes payment for all labor, travel, per diem, fringe benefits, general and administrative expenses, overhead, profit, materials, supplies, transportation, and all other direct and indirect costs and expenses incurred by Consultant ("Expenses"). As such, Consultant shall not be entitled to separate reimbursement of Expenses under this Agreement. No markups or premiums shall be applied to services performed by Subconsultants unless Exhibit "E" expressly so allows. Compensation payable under this Agreement shall be on a (1) fixed fee, (2) hourly, or (3) combined fixed fee and hourly basis in accordance with the terms below, as may be more particularly specified in Exhibit "E" and Exhibit "F."

a. Fixed Fee. Lump sum compensation for satisfactory performance of Tasks as may be identified as "Lump Sum" in Exhibit "E."

b. Hourly Fee. An amount equal to the product of the hours expended by Consultant and the applicable hourly rates set forth in Exhibit "F" for time actually spent in the performance of Tasks as may be identified as "Not-to-Exceed" in Exhibit "E." The rates identified in Exhibit "F" state the maximum rates Consultant shall charge under this Agreement. No premium rates, including, but not limited to, overtime or hazardous duty premiums, shall be charged.

5.3 If the term of this Agreement exceeds one (1) year and if Executive Director so consents in writing, Consultant may increase the rates set forth in Exhibit "F" after each twelve (12) months of service as long as such increases (a) are equal to or lower than the rates Consultant charges to other municipal or governmental entities and (b) represent an increase of no more than three percent (3%) over the rates charged during the prior twelve (12) month period. Such increases in rates, if any, shall not result in increases of the amount of total compensation payable under this Agreement set forth in Section 5.1. In the event of any such rate increase, Exhibit "F" shall be revised, replaced and renumbered as Exhibit "F-1," Exhibit "F-2," etc., as applicable.

5.4 Each month during the term of this Agreement, as a prerequisite to payment for services, Consultant shall submit a written invoice to City's Harbor Department for services performed during the prior month, accompanied by such records and receipts as may be specifically required in Exhibit "E." Each such invoice shall bear a City Business Tax Registration Number and a Taxpayer Identification

Number. Each invoice shall identify all services performed by Subconsultants. If payments are to be based on the performance of established milestones, Consultant shall bill as each milestone is completed, but not more often than once a month.

Consultant shall submit one (1) original and four (4) copies of each such invoice for payment in the format that contains the information specified in Exhibit "G" and that includes the following certification:

"I certify under penalty of perjury that the above bill is just and correct according to the terms of Agreement No. _____ and that payment has not been received. I further certify that I have complied with the provisions of the City's Living Wage Ordinance.

(signed)

5.5 Consultant shall submit supporting documents with each invoice as may be set forth in a Directive. Such documents may include, but are not limited to, provider invoices, payrolls, and time sheets.

5.6 If Consultant utilizes Subconsultants to perform aspects of the Scope of Work, Consultant shall submit to City, with each monthly invoice, a Monthly Subconsultant Monitoring Report in the form attached hereto as Exhibit "H." Consultant shall provide an explanation for any item that does not meet or exceed the participation levels required by a particular Directive, with specific plans and recommendations for improved subconsultant utilization. Invoices will not be paid without a completed Monthly Subconsultant Monitoring Report form. Consultant is not required to submit support for direct costs items of \$25 or less.

5.7 All sums due and payable to Consultant shall be paid as soon as, in the ordinary course of City business, the same may be reviewed and approved. City shall use all reasonable effort to pay said sums within sixty (60) days of receipt of each statement.

For payment and processing, all invoices shall be mailed to the following address:

Accounts Payable Section
Harbor Department, City of Los Angeles
P.O. Box 191
San Pedro, CA 90733-0191

6. Recordkeeping and Audit Rights.

6.1 Consultant shall keep and maintain full, complete and accurate books of accounts and records of the services performed under this Agreement in accordance with generally accepted accounting principles consistently applied, which books and records shall be readily accessible to and open for inspection and copying at the

premises by City, its auditors or other authorized representatives. Notwithstanding any other provision of this Agreement, failure to do so shall constitute a conclusive waiver of any right to compensation for such services as are otherwise compensable hereunder. Such books and records shall be maintained by Consultant for a period of three (3) years after completion of services to be performed under this Agreement or until all disputes, appeals, litigation or claims arising from this Agreement have been resolved.

6.2 During the term of this Agreement, City may audit, review and copy any and all writings (as that term is defined in Section 250 of the California Evidence Code) of Consultant and Subconsultants arising from or related to this Agreement or performance of the Scope of Work, whether such writings are (a) in final form or not, (b) prepared by Consultant, Subconsultants or any individual or entity acting for or on behalf of Consultant or a Subconsultant, and (c) without regard to whether such writings have previously been provided to City. Consultant shall be responsible for obtaining access to and providing writings of Subconsultants. Consultant shall provide City at Consultant's sole cost and expense a copy of all such writings within fourteen (14) calendar days of a written request by City. City's right shall also include inspection at reasonable times of the Consultant's office or facilities which are engaged in the performance of the Scope of Work. Consultant shall, at no cost to City, furnish reasonable facilities and assistance for such review and audit. Consultant's failure to comply with this Section 6.2 shall constitute a material breach of this Agreement and shall entitle City to withhold any payment due under this Agreement until such breach is cured.

7. Consultant Is An Independent Contractor.

Consultant, in the performance of the Scope of Work, is an independent contractor and not an agent or employee of City. Consultant shall not represent itself as an agent or employee of the City and shall have no power to bind the City in contract or otherwise.

8. Business Tax Registration Certificate.

City's Office of Finance requires the implementation and enforcement of Los Angeles Municipal Code Section 21.09 et seq. This section provides that every person, other than a municipal employee, who engages in any business within City, is required to obtain the necessary Business Tax Registration Certificate and pay business taxes. The City Controller has determined that this Code Section applies to consulting firms that are doing work for City's Harbor Department. See <https://finance.lacity.org/how-register-btrc>.

9. Indemnification.

9.1 Indemnification

Except for the sole negligence or willful misconduct of the City, or any of its Boards, Officers, Agents, Employees, Assigns and Successors in Interest, Consultant undertakes and agrees to defend, indemnify and hold harmless the City and any of its

Boards, Officers, Agents, Employees, Assigns, and Successors in Interest from and against all suits and causes of action, claims, losses, demands and expenses, including, but not limited to, attorney's fees (both in house and outside counsel) and cost of litigation (including all actual litigation costs incurred by the City, including but not limited to, costs of experts and consultants), damages or liability of any nature whatsoever, for death or injury to any person, including Consultant's employees and agents, or damage or destruction of any property of either party hereto or of third parties, arising in any manner by reason of the negligent acts, errors, omissions or willful misconduct incident to the performance of this Agreement by Consultant or its subcontractors of any tier. Rights and remedies available to the City under this provision are cumulative of those provided for elsewhere in this Agreement and those allowed under the laws of the United States, the State of California, and the City.

9.2 Indemnification for Design Professional Services

To the fullest extent permitted by law (including without limitation, Section 2782.8 of the California Civil Code), when the services to be provided under this Agreement are design professional services to be performed by a design professional, as that term is defined under said Section 2782.8, Consultant shall indemnify, protect, defend and hold harmless City and any and all of its boards, officers, agents, or employees from and against all claims, charges, demands, costs, expenses (including counsel fees), judgments, civil fines and penalties, liabilities or losses of any kind or nature whatsoever which may be sustained or suffered by or secured against the City, its boards, officers, agents, and/or employees that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of Consultant, or the acts or omissions of an officer, employee, agent or Subconsultant, excepting only liability resulting from the negligence or willful misconduct of City.

10. Insurance.

10.1 Insurance procured by Consultant on Behalf of Consultant

In addition to and not as a substitute for, or limitation of, any of the indemnity obligations imposed by Section 9, Consultant shall procure and maintain at its sole cost and expense and keep in force at all times during the term of this Agreement the following insurance:

(a) Commercial General Liability Insurance

Commercial general liability insurance covering personal and advertising injury, bodily injury, and property damage providing contractual liability, independent contractors, products and completed operations, and premises/operations coverage written by an insurance company authorized to do business in the State of California rated VII, A- or better in Best's Insurance Guide (or an alternate guide acceptable to City if Best's is not available) within Consultant's normal limits of liability but not less than One Million Dollars (\$1,000,000) combined single limit for injury or claim. Said limits shall provide first dollar coverage except that Executive Director may permit a self-insured retention or self-insurance in those cases where, in his or her judgment, such

retention or self-insurance is justified by the net worth of Consultant. The retention or self-insurance provided shall provide that any other insurance maintained by the Harbor Department shall be excess of Consultant's insurance and shall not contribute to it. In all cases, regardless of any deductible or retention, said insurance shall contain a defense of suits provision and a severability of interest clause. Each policy shall name the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds.

(b) Automobile Liability Insurance

Automobile liability insurance written by an insurance company authorized to do business in the State of California rated VII, A- or better in Best's Insurance Guide (or an alternate guide acceptable to City if Best's is not available) within Consultant's normal limits of liability but not less than One Million Dollars (\$1,000,000) covering damages, injuries or death resulting from each accident or claim arising out of any one claim or accident. Said insurance shall protect against claims arising from actions or operations of the insured, or by its employees. Coverage shall contain a defense of suits provision and a severability of interest clause. Each policy shall name the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds.

(c) Workers' Compensation and Employer's Liability

Consultant shall certify that it is aware of the provisions of Section 3700 of the California Labor code which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and that Consultant shall comply with such provisions before commencing the performance of the tasks under this Agreement. Coverage for claims under U.S. Longshore and Harbor Workers' Compensation Act, if required under applicable law, shall be included. Consultant shall submit Workers' Compensation policies whether underwritten by the state insurance fund or private carrier, which provide that the public or private carrier waives its right of subrogation against the City in any circumstance in which it is alleged that actions or omissions of the City contributed to the accident. Such Worker's Compensation and occupational disease requirements shall include coverage for all employees of Consultant, and for all employees of any subcontractor or other vendor retained by Consultant.

(d) Professional Liability Insurance

Consultant is required to provide Professional Liability insurance with respect to negligent or wrongful acts, errors or omissions, or failure to render services in connection with the professional services to be provided under this Agreement. This insurance shall protect against claims arising from professional services of the insured, or by its employees, agents, or contractors, and include coverage (or no exclusion) for contractual liability.

Consultant certifies that it now has professional liability insurance in the amount of Five Million Dollars (\$5,000,000), which covers work to be performed pursuant to this Agreement and that it will keep such insurance or its equivalent in effect at all times

during performance of said Agreement and until two (2) years following acceptance of the completed project by Board.

10.2 Insurance Procured by Consultant on Behalf of City

In addition to and not as a substitute for, or limitation of, any of the indemnity obligations imposed by Section 9, and where Consultant is required to name the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds on any insurance policy required by this Agreement, Consultant shall cause City to be named as an additional insured on all policies it procures in connection with this Section 10. Consultant shall cause such additional insured status to be reflected in the original policy or by additional insured endorsement (CG 2010 or equivalent) substantially as follows:

"Notwithstanding any inconsistent statement in the policy to which this endorsement is attached, or any endorsement or certificate now or hereafter attached hereto, it is agreed that City, Board, their officers, agents and employees, are additional insureds hereunder, and that coverage is provided for all contractual obligations, operations, uses, occupations, acts and activities of the insured under Agreement No. ____, and under any amendments, modifications, extensions or renewals of said Agreement regardless of where such contractual obligations, operations, uses, occupations, acts and activities occur.

"The policy to which this endorsement is attached shall provide a 10-days notice of cancellation for nonpayment of premium, and a 30-days notice of cancellation for any other reasons to the Risk Manager.

"The coverage provided by the policy to which this endorsement is attached is primary coverage and any other insurance carried by City is excess coverage;

"In the event of one of the named insured's incurring liability to any other of the named insureds, this policy shall provide protection for each named insured against whom claim is or may be made, including claims by other named insureds, in the same manner as if separate policies had been issued to each named insured. Nothing contained herein shall operate to increase the company's limit of liability; and

"Notice of occurrences or claims under the policy shall be made to the Risk Manager of City's Harbor Department with copies to the City Attorney's Office."

10.3 Required Features of Coverages

Insurance procured by Consultant in connection with this Section 10 shall include the following features:

(a) Acceptable Evidence and Approval of Insurance

Electronic submission is the required method of submitting Consultant's insurance documents. Consultant's insurance broker or agent shall register with the City's online insurance compliance system **KwikComply** at <https://kwikcomply.org/> and

submit the appropriate proof of insurance on Consultant's behalf.

Upon request by City, Consultant shall furnish a copy of the binder of insurance and/or a full certified policy for any insurance policy required herein. This obligation is intended to, and shall, survive the expiration or earlier termination of this Agreement.

(b) Carrier Requirements

All insurance which Consultant is required to provide pursuant to this Agreement shall be placed with insurance carriers authorized to do business in the State of California and which are rated A-, VII or better in Best's Insurance Guide. Carriers without a Best's rating shall meet comparable standards in another rating service acceptable to City.

(c) Notice of Cancellation

For each insurance policy described above, Consultant shall give a 10-day prior notice of cancellation or reduction in coverage for nonpayment of premium, and a 30-day prior notice of cancellation or reduction in coverage for any other reason, by written notice via registered mail and addressed to the City of Los Angeles Harbor Department, Attn: Risk Manager and the City Attorney's Office, 425 S. Palos Verdes Street, San Pedro, California 90731.

(d) Modification of Coverage

Executive Director, at his or her sole reasonable discretion, based upon recommendation of independent insurance consultants to City, may increase or decrease amounts and types of insurance coverage required hereunder at any time during the term hereof by giving ninety (90) days' prior written notice to Consultant.

(e) Renewal of Policies

At least thirty (30) days prior to the expiration of any policy required by this Agreement, Consultant shall renew or extend such policy in accordance with the requirements of this Agreement and direct their insurance broker or agent to submit to the City's online insurance compliance system **KwikComply** at <https://kwikcomply.org/> a renewal endorsement or renewal certificate or, if new insurance has been obtained, evidence of insurance as specified above. If Consultant neglects or fails to secure or maintain the insurance required above, Executive Director may, at his or her own option but without any obligation, obtain such insurance to protect City's interests. The cost of such insurance shall be deducted from the next payment due Consultant.

10.4 Right to Self-Insure

Upon written approval by the Executive Director, Consultant may self-insure if the following conditions are met:

1. Consultant has a formal self-insurance program in place prior to execution of this Agreement. If a corporation, Consultant must

have a formal resolution of its board of directors authorizing self-insurance.

2. Consultant agrees to protect the City, its boards, officers, agents and employees at the same level as would be provided by full insurance with respect to types of coverage and minimum limits of liability required by this Agreement.
3. Consultant agrees to defend the City, its boards, officers, agents and employees in any lawsuit that would otherwise be defended by an insurance carrier.
4. Consultant agrees that any insurance carried by Department is excess of Consultant's self-insurance and will not contribute to it.
5. Consultant provides the name and address of its claims administrator.
6. Consultant submits its most recently filed 10-Q and its 10-K or audited annual financial statements for the three most recent fiscal years prior to Executive Director's consideration of approval of self-insurance and annually thereafter.
7. Consultant agrees to inform Department in writing immediately of any change in its status or policy which would materially affect the protection afforded Department by this self-insurance.
8. Consultant has complied with all laws pertaining to self-insurance.

10.5 Accident Reports

Consultant shall report in writing to Executive Director within fifteen (15) calendar days after it, its officers or managing agents have knowledge of any accident or occurrence involving death of or injury to any person or persons, or damage in excess of Five Hundred Dollars (\$500.00) to property, occurring upon the premises, or elsewhere within the Port of Los Angeles if Consultant's officers, agents or employees are involved in such an accident or occurrence. Such report shall contain to the extent available (1) the name and address of the persons involved, (2) a general statement as to the nature and extent of injury or damage, (3) the date and hour of occurrence, (4) the names and addresses of known witnesses, and (5) such other information as may be known to Consultant, its officers or managing agents.

11. Personal Services Agreement.

11.1 During the term of this Agreement, Consultant agrees that it will not enter into other contracts or perform any work without the written permission of the Executive Director where the work may conflict with the interests of City's Harbor Department.

11.2 Consultant acknowledges that it has been selected to perform the Scope of Work because of its experience, qualifications and expertise. Any assignment or other

transfer of this Agreement or any part hereof shall be void provided, however, that Consultant may permit Subconsultant(s) to perform portions of the Scope of Work in accordance with Section 2.3. All Subconsultants whom Consultant utilizes, however, shall be deemed to be its agents. Subconsultants' performance of the Scope of Work shall not be deemed to release Consultant from its obligations under this Agreement or to impose any obligation on the City to such Subconsultant(s) or give the Subconsultant(s) any rights against the City.

12. Confidentiality.

Consultant shall not disclose any proprietary or confidential information of City to any third party or parties during or after the term of this Agreement without the prior written consent of City. The data, documents, reports, or other materials which contain information relating to the review, documentation, analysis and evaluation of the Scope of Work and any recommendations made by Consultant relative thereto shall be considered confidential and shall not be reproduced, altered, used or disseminated by Consultant or its employees or agents in any manner except and only to the extent necessary in the performance of the work under this Agreement. In addition, Consultant is required to safeguard such information from access by unauthorized personnel.

13. Affirmative Action.

Consultant shall not discriminate in its employment practices against any employee or applicant for employment because of employee's or applicant's race, religion, national origin, ancestry, sex, age, sexual orientation, disability, marital status, domestic partner status, or medical condition. The provisions of Section 10.8.4 of the Los Angeles Administrative Code are incorporated herein by this reference and made a part of this Agreement. All subcontracts awarded shall contain a like nondiscrimination provision. See Exhibit "I."

14. Small/Very Small Business Enterprise Program and Local Business Preference Program.

It is the policy of City's Harbor Department to provide Small Business Enterprises (SBE), Very Small Business Enterprises (VSBE) and Minority-Owned, Women-Owned, Disabled Veteran Business Enterprises, and all Other Business Enterprises (MBE/WBE/DVBE/OBE) an equal opportunity to participate in the performance of all City contracts in all areas where such contracts afford such participation opportunities. Consultant shall assist City's Harbor Department in implementing this policy and shall use its best efforts to afford the opportunity for SBEs, VSBEs, MBEs, WBEs, DVBEs, and OBEs to achieve participation in subcontracts where such participation opportunities present themselves and attempt to ensure that all available business enterprises, including SBEs, VSBEs, MBEs, WBEs, DVBEs, and OBEs, have equal participation opportunities which might be presented under this Agreement. See Exhibit "J."

It is also the policy of the Department to support an increase in local and regional jobs. The Department's Local Business Preference Program aims to benefit the Southern California region by increasing jobs and expenditures within the local and regional private sector. Consultant shall assist the City in implementing this policy and shall use its best efforts to afford the opportunity for Local Business Enterprises to

achieve participation in subcontracts where such participation opportunities present themselves.

NOTE: Prior to being awarded a contract with the City, Consultant and all Subconsultants must be registered on the City's Contracts Management and Opportunities Database, Los Angeles Business Assistance Virtual Network (LABAVN), at <http://www.labavn.org>.

15. Conflict of Interest.

Consultant has reviewed and understands the provisions of Section 1090 et seq. and Section 87100 et seq. of the California Government Code relating to conflict of interest of public officers and employees, as well as the Los Angeles Municipal Code ("LAMC") Municipal Ethics and Conflict of Interest provisions of Section 49.5.1 et seq. and the Conflict of Interest Codes of the City and City's Harbor Department. All parties hereto agree that they are unaware of any financial or economic interest of any public officer or employee of City relating to this Agreement. Notwithstanding any other provision of this Agreement, it is further understood and agreed that if such financial interest does exist at the inception of this Agreement, City may immediately terminate this Agreement by giving written notice thereof. Consultant's signature of this Agreement constitutes its affirmation that any former employees of City or City's Harbor Department that are employed by Consultant and that assist in performing the Scope of Work shall be free of any conflicts of interest with respect to City and City's Harbor Department.

During the term of this Agreement, Consultant shall inform the Department in writing when Consultant, or any of its Subconsultants, employs or hires in any capacity, and for any length of time, a person who has worked for the Department as a Commissioner, officer or employee. Said notice shall include the individual's name and current position and their prior position and years of employment with the Department. Written notice shall be provided by Consultant to the Department within thirty (30) days of the employment or hiring of the individual.

16. Compliance with Applicable Laws.

Consultant's activities under this Agreement, including its performance of the Scope of Work, shall comply with all federal, state, municipal, local and departmental laws, ordinances, rules, regulations, and orders. If in any instance a City standard is more stringent than a state, federal or other requirement, the City standard shall be followed unless the Engineer notifies the Consultant otherwise in writing, in which case the requirements of said notification shall apply.

17. Trademarks, Copyrights and Patents.

Consultant shall promptly and fully inform Engineer in writing of any patents, trademarks or copyrights related to services provided under this Agreement or patent trademark or copyright disputes, existing or potential, which Consultant has knowledge of, relating to any idea, design, method, material, equipment or other matter connected to this Agreement. Consultant agrees to save, keep, hold harmless, protect and indemnify City and any of its officers or agents from any damages, cost, or expenses in law or equity from infringement of any patent, trademark, service mark or copyright of

any person or persons, or corporations in consequence of the use by City of any materials supplied by Consultant in the performance of this Agreement.

18. Proprietary Information.

Writings, as that term is defined in Section 250 of the California Evidence Code (including, without limitation, drawings, specifications, estimates, reports, records, reference material, data, charts, documents, renderings, computations, computer tapes or disks, submittals and other items of any type whatsoever, whether in the form of writing, figures or delineations), which are obtained, generated, compiled or derived in connection with this Agreement (collectively hereafter referred to as "property"), are owned by City as soon as they are developed, whether in draft or final form. City has the right to use or permit the use of property and any ideas or methods represented by such property for any purpose and at any time without compensation other than that provided in this Agreement. Consultant hereby warrants and represents that City at all times owns rights provided for in this section free and clear of all third-party claims whether presently existing or arising in the future, whether or not presently known. Consultant need not obtain for City the right to use any idea, design, method, material, equipment or other matter which is the subject of a valid patent, unless such patent is owned by Consultant or one of its employees, or its Subconsultant or the Subconsultant's employees, in which case such right shall be obtained without additional compensation. Whether or not Consultant's initial proposal or proposals made during this Agreement are accepted by City, it is agreed that all information of any nature whatsoever connected with the Scope of Work, regardless of the form of communication, which has been or may be given by Consultant, its Subconsultants or on either's behalf, whether prior or subsequent to this Agreement becoming effective, to the City, its boards, officers, agents or employees, is not given in confidence. Accordingly, City or its designees may use or disclose such information without liability of any kind, except as may arise under valid patents.

19. Royalty-Free License.

If research or development is furnished in connection with this Agreement and if, in the course of such research or development, patentable work product is produced by Consultant, its officers, agents, employees, or Subconsultants, the City shall have, without cost or expense to it, an irrevocable, non-exclusive royalty-free license to make and use, itself or by anyone on its behalf, such work product in connection with any activity now or hereafter engaged in or permitted by City. Upon City's request, Consultant, at its sole cost and expense, shall promptly furnish or obtain from the appropriate person a form of license satisfactory to the City. It is expressly understood and agreed that, as between City and Consultant, the referenced license shall arise for City's benefit immediately upon the production of the work product, and is not dependent on the written license specified above. City may transfer such license to its successors in the operation or ownership of any real or personal property now or hereafter owned or operated by City.

20. City's Disclosure Obligations.

Consultant acknowledges that City is subject to laws, rules and/or regulations generally requiring it to disclose records upon request, which laws, rules and/or regulations include, but are not limited to, the California Public Records Act (California Government Code Sections 6250 et seq.) ("Disclosure Laws").

21. Notices.

In all cases where written notice is to be given under this Agreement, service shall be deemed sufficient if said notice is deposited in the United States mail, postage prepaid. When so given, such notice shall be effective from the date of mailing of the same. For the purpose hereof, unless otherwise provided by notice in writing from the respective parties, notice to City's Harbor Department shall be addressed to Director of Development, Los Angeles Harbor Department, P.O. Box 151, San Pedro, California 90733-0151, and notice to Consultant shall be addressed to it at the address set forth above. Nothing herein contained shall preclude or render inoperative service of such notice in the manner provided by law.

22. Taxpayer Identification Number ("TIN").

The Internal Revenue Service (IRS) requires that all consultants and suppliers of materials and supplies provide a TIN to the party that pays them. Consultant declares that it has an authorized TIN which shall be provided to the Department prior to payment under this Agreement. No payments will be made under this Agreement without a valid TIN.

23. Service Contractor Worker Retention Policy and Living Wage Requirements.

The Board of Harbor Commissioners of the City of Los Angeles adopted Resolution Nos. 19-8419 and 19-8420 on January 24, 2019, adopting the provisions of Los Angeles City Ordinance No. 185356 relating to Service Contractor Worker Retention ("SCWR"), Section 10.36 et seq. of the Los Angeles Administrative Code, as the policy of City's Harbor Department. Further, Charter Section 378 requires compliance with the City's Living Wage requirements as set forth by ordinance, Section 10.37 et seq. of the Los Angeles Administrative Code. Consultant shall comply with the policy wherever applicable. Violation of this provision, where applicable, shall entitle City to terminate this Agreement and otherwise pursue legal remedies that may be available.

24. Wage and Earnings Assignment Orders/Notices of Assignments.

Consultant and Subconsultants shall comply with all applicable state and federal employment reporting requirements for employees.

Consultant and Subconsultants shall certify that the principal owner(s) are in compliance with any Wage and Earnings Assignment Orders and Notices of Assignments applicable to them personally. Consultant and Subconsultants shall fully comply with all lawfully served Wage and Earnings Assignment Orders and Notices of Assignments in accordance with Section 5230 et seq. of the California Family Code.

25. Equal Benefits Policy.

Board adopted Resolution No. 6328 on January 12, 2005, agreeing to adopt the provisions of Los Angeles City Ordinance No. 172,908, as amended, relating to Equal Benefits, Section 10.8.2.1 et seq. of the Los Angeles Administrative Code, as a policy of City's Harbor Department. Consultant shall comply with the policy wherever applicable. Violation of this policy shall entitle the City to terminate any agreement with Consultant and pursue any and all other legal remedies that may be available. See Exhibit "K."

26. Compliance With Los Angeles City Charter Section 470(c)(12).

The Consultant, Subconsultants, and their Principals are obligated to fully comply with City of Los Angeles Charter Section 470(c)(12) and related ordinances, regarding limitations on campaign contributions and fundraising for certain elected City officials or candidates for elected City office if the agreement is valued at \$100,000 or more and requires approval of a City elected official. Additionally, Consultant is required to provide and update certain information to the City as specified by law. Any Consultant subject to Charter Section 470(c)(12), shall include the following notice in any contract with a subconsultant expected to receive at least \$100,000 for performance under this Agreement:

Notice Regarding Los Angeles Campaign Contribution and Fundraising Restrictions

As provided in Charter Section 470(c)(12) and related ordinances, you are a subconsultant on Harbor Department Agreement No. _____. Pursuant to City Charter Section 470(c)(12), subconsultant and its principals are prohibited from making campaign contributions and fundraising for certain elected City officials or candidates for elected City office for 12 months after the Agreement is signed. Subconsultant is required to provide to Consultant names and addresses of the subconsultant's principals and contact information and shall update that information if it changes during the 12 month time period. Subconsultant's information must be provided to Consultant within 10 business days. Failure to comply may result in termination of the Agreement or any other available legal remedies including fines. Information about the restrictions may be found at the City Ethics Commission's website at <http://ethics.lacity.org/> or by calling 213-978-1960.

Consultant, Subconsultants, and their Principals shall comply with these requirements and limitations. Violation of this provision shall entitle the City to terminate this Agreement and pursue any and all legal remedies that may be available.

27. State Tidelands Grants.

This Agreement is entered into in furtherance of and as a benefit to the State Tidelands Grant and the trust created thereby. Therefore, this Agreement is at all times subject to the limitations, conditions, restrictions and reservations contained in and

prescribed by the Act of the Legislature of the State of California entitled "An Act Granting to the City of Los Angeles the Tidelands and Submerged Lands of the State Within the Boundaries of Said City," approved June 3, 1929 (Stats. 1929, Ch. 651), as amended, and provisions of Article VI of the Charter of the City of Los Angeles relating to such lands. Consultant agrees that any interpretation of this Agreement and the terms contained herein must be consistent with such limitations, conditions, restrictions and reservations.

28. Construction of Agreement.

This Agreement shall not be construed against the party preparing the same, shall be construed without regard to the identity of the person who drafted such and shall be construed as if all parties had jointly prepared this Agreement and it shall be deemed their joint work product; each and every provision of this Agreement shall be construed as though all of the parties hereto participated equally in the drafting hereof; and any uncertainty or ambiguity shall not be interpreted against any one party. As a result of the foregoing, any rule of construction that a document is to be construed against the drafting party shall not be applicable.

29. Titles and Captions.

The parties have inserted the section titles in this Agreement only as a matter of convenience and for reference, and the section titles in no way define, limit, extend or describe the scope of this Agreement or the intent of the parties in including any particular provision in this Agreement.

30. Modification in Writing.

This Agreement may be modified only by written agreement of all parties. Any such modifications are subject to all applicable approval processes required by, without limitation, City's Charter and City's Administrative Code.

31. Waiver.

A failure of any party to this Agreement to enforce the Agreement upon a breach or default shall not waive the breach or default or any other breach or default. All waivers shall be in writing.

32. Governing Law.

This Agreement is made and entered into in the State of California and shall in all respects be construed, interpreted, enforced and governed under and by the laws of the State of California, without reference to choice of law rules.

33. Severability.

Should any part, term, condition or provision of this Agreement be declared or determined by any court of competent jurisdiction to be invalid, illegal or incapable of being enforced by any rule of law, public policy, or city charter, the validity of the remaining parts, terms, conditions or provisions of this Agreement shall not be affected

thereby, and such invalid, illegal or unenforceable part, term, condition or provision shall be treated as follows: (a) if such part, term, condition or provision is immaterial to this Agreement, then such part, term, condition or provision shall be deemed not to be a part of this Agreement; or (b) if such part, term, condition or provision is material to this Agreement, then the parties shall revise the part, term, condition or provision so as to comply with the applicable law or public policy and to effect the original intent of the parties as closely as possible.

34. Jurisdiction.

The parties hereto consent to the jurisdiction of the State of California for the enforcement of this Agreement.

35. Integrated Agreement.

This Agreement contains the entire understanding and agreement between the parties hereto with respect to the matters referred to herein. No other representations, covenants, undertakings, or prior or contemporaneous agreements, oral or written, regarding such matters which are not specifically contained, referenced, and/or incorporated into this Agreement by reference shall be deemed in any way to exist or bind any of the parties. Each party acknowledges that it has not been induced to enter into the Agreement and has not executed the Agreement in reliance upon any promises, representations, warranties or statements not contained, referenced, and/or incorporated into the Agreement. **THE PARTIES ACKNOWLEDGE THAT THIS AGREEMENT IS INTENDED TO BE, AND IS, AN INTEGRATED AGREEMENT.**

36. Exhibits; Sections.

All exhibits to which reference is made in this Agreement are deemed incorporated in this Agreement, whether or not actually attached. To the extent the terms of an exhibit conflict with or appear to conflict with the terms of the body of the Agreement, the terms of the body of the Agreement shall control. References to sections are to sections of this Agreement unless stated otherwise.

37. Counterparts.

This Agreement may be executed in any number of counterparts, each of which shall be deemed an original and all of which shall constitute together one and the same instrument.

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IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the date next to their signatures.

THE CITY OF LOS ANGELES, by its
Board of Harbor Commissioners


Date: _____


By: _____
EUGENE D. SEROKA
Executive Director

Attest: _____
Secretary

WOOD ENVIRONMENT &
INFRASTRUCTURE SOLUTIONS, INC.

Date: 10/23/19

By: 
Name: JAMES J. WEAVER
Title: V.P. L.A. BASIN MANAGER

Attest: 
Name: MARSHALL LEW
Title: VICE PRESIDENT

APPROVED AS TO FORM AND LEGALITY
10-29, 2019
MICHAEL N. FEUER, City Attorney
Janna B. Sidley, General Counsel

By: 
Minah Park, Deputy

Account #	<u>54220</u>	W.O. #	<u>11111</u>
Ctr/Div #	<u>1900/311</u>	Job Fac. #	<u>111-11</u>
Proj/Prog #	<u>000</u>		
Fiscal Year	MIP (311)	CIP(1900)	Total
FY 2019/2020	\$ 12,000	\$ 200,000	\$ 212,000
FY 2020/2021	\$ 60,000	\$ 1,170,000	\$ 1,230,000
FY 2021/2022	\$ 60,000	\$ 1,170,000	\$ 1,230,000
FY 2022/2023	\$ 20,000	\$ 308,000	\$ 328,000
TOTAL	\$ 152,000	\$ 2,848,000	\$ 3,000,000

For Acct/Budget Div. Use Only:

Verified by: 
Verified Funds Available: 
Date Approved: 10/28/19

EXHIBIT "A"
ON-CALL ENGINEERING SERVICES

PROGRAM DESCRIPTION

The On-Call Engineering Services Agreements will provide the Engineering Division with on-call as needed engineering and architectural services to support the Department's Capital Improvement Program (CIP) and Maintenance Improvement Program (MIP) Program.

Attached to this Exhibit is the CIP Status Report, listing projects that may require on-call engineering services. This report is included for general information as to the size and type of projects that may be completed under the On-Call Engineering Services program for CIP and MIP projects. The Department reserves the right to add or remove projects as necessary as may be in the Department's best interest.

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
I. Terminals														
Berth 90-93 - World Cruise Center														
1. B. 93 - Cruise Terminal - Customs and Border Protection Improvements (2525300)	1007	Leon, Laura	Completed	\$3,492,702	04/13/15	^A 04/11/15	01/31/17	^A 02/12/17	100%	07/01/17	^A 06/12/17	07/31/18	^A 03/31/18	100%
2. B. 91-93 - Alternative Maritime Power (AMP) Upgrade and Retrofit (2527300)	1186	Aboulhosn, Shawki	Completed	\$13,840,000	11/17/14	^A 11/17/14	03/23/16	^A 03/23/16	100%	11/15/16	^A 11/15/16	06/21/18	^A 06/21/18	100%
3. B. 93 - Replacement of Elevator No. 6 (2528700)	1007	Smith, Charles	Construction	\$288,546	08/04/14	^A 08/04/14	08/04/14	^A 08/04/14	N/A	12/31/15	^A 12/31/15	12/31/18	01/31/19	98%
4. B. 93 - Elevator No. 4 Modernization (2534600)	1007	Smith, Charles	Construction	\$280,530	06/30/15	^A 06/30/15	06/30/15	^A 06/30/15	N/A	01/27/16	^A 01/27/16	12/31/18	01/31/19	75%
5. B. 93 - Install Two New Elevators at the Cruise Terminal (2543900)	1007	Leon, Laura	Design	\$4,757,350	02/01/17	^A 02/01/17	01/17/19	01/17/19	95%	07/19/19	07/19/19	06/30/20	06/30/20	0%
6. B. 91-93 - Cruise Terminal - Passenger Access (2546900)	1007	Leon, Laura	Construction	\$100,000	10/15/17	^A 10/15/17	04/12/18	^A 01/01/18	100%	04/13/18	^A 04/07/18	10/09/18	01/31/19	80%
7. B. 91-92 - Cruise Terminal - Escalator Modernization (2547400)	1007	Reeser, Kenneth	Construction	\$924,000	07/17/17	^A 07/17/17	07/17/17	^A 07/17/17	N/A	09/01/18	^A 12/01/18	12/31/19	12/31/19	5%
8. B. 93 - Engineering Records Vault Relocation and Improvements (2549900)	1007	Leon, Laura	Construction	\$187,000	04/11/18	^A 04/11/18	06/02/18	^A 06/02/18	100%	06/03/18	^A 06/03/18	06/30/19	06/30/19	60%
9. B. 93 - Vehicular and Pedestrian Ramp Repair (2553000)	1007	Reeser, Kenneth	Planning	\$936,000	01/01/19	01/15/19	02/28/19	02/28/19	N/A	06/01/19	06/01/19	12/31/19	12/31/19	0%
10. B. 91-92 - Passenger Terminal - Ceiling Tile Replacement (2553900)	1007	Hazelett, Phil	Bid (Adv.) and Award	\$222,000	12/31/18	^A 12/31/18	12/31/18	^A 12/31/18	N/A	03/01/19	03/01/19	04/30/19	04/30/19	0%
BERTH 90-93 - WORLD CRUISE CENTER TOTAL				\$25,028,128										
Berth 100-102 - China Shipping Container Terminal														
1. B. 100-102 - Marine Operations Building (2454300)	1042	Kim, Jin	Hold	\$13,800,000	02/12/12	^A 02/12/12	08/31/14	^A 08/31/14	100%	12/01/15	02/01/16	04/30/17	04/30/17	0%
2. B. 100-102 - Crane Maintenance Building (2502600)	1042	Kim, Jin	Hold	\$5,700,000	10/01/13	^A 10/01/13	08/31/14	^A 08/31/14	100%	12/01/15	02/01/16	04/30/17	04/30/17	0%
3. B. 97 - 109 - China Shipping Container Terminal Supplemental EIR (2535300)	1042	Ochsner, Lisa	Environmental	\$2,376,500	05/15/15	^A 05/15/15	05/15/15	^A 05/15/15	N/A	05/15/15	^A 05/15/15	09/30/19	09/30/19	80%
BERTH 100-102 - CHINA SHIPPING CONTAINER TERMINAL TOTAL				\$21,876,500										
Berth 121-131 - Yang Ming Container Terminal														
1. Phase I & II														
1. B. 121-131 - Wharf Upgrades (2449000)	1162	Kim, Jin	Hold	\$106,700,000	01/07/15	^A 07/01/15	04/10/16	04/10/16	5%	10/11/16	10/11/16	04/10/18	04/10/18	0%
2. B. 121-131 - West Basin Intermodal Container Transfer Facility (WBICTF) Expansion (2481000)	1162	Kim, Jin	Hold	\$11,100,000	01/07/15	01/07/15	04/10/16	04/10/16	0%	10/11/16	10/11/16	04/10/18	04/10/18	0%
3. B. 121-131 - Terminal Redevelopment - Planning and Environmental (2523200)	1162	Wunder, Lisa	Environmental	\$4,215,241	05/30/13	^A 05/30/13	05/30/13	^A 05/30/13	N/A	05/30/13	^A 05/30/13	11/30/18	11/30/18	75%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
4. 2001 John S. Gibson Blvd - Yang Ming Administration Building Improvements (2545900)	1207	Reeser, Kenneth	Completed	\$320,702	08/27/17	A 09/10/17	09/09/17	A 09/10/17	N/A	11/05/17	A 11/10/17	06/02/18	A 05/17/18	100%
PHASE I & II TOTAL				\$122,335,943										
BERTH 121-131 - YANG MING CONTAINER TERMINAL TOTAL				\$122,335,943										
Berth 135-147 - TRAPAC Container Terminal														
1. B. 142-143 - Backland Improvements - Phases 2-4 (2449800)	1103	Newbold, Adrienne	Completed	\$120,726,870	09/16/05	A 09/16/05	09/09/13	A 09/09/13	100%	03/03/14	A 03/03/14	03/22/17	A 02/15/17	100%
2. B. 142-147 - ICTF (2455100)	1161	Shimabukuro, Geraldine	Completed	\$73,965,000	08/23/12	A 08/23/12	09/08/13	A 09/08/13	100%	02/03/14	A 02/03/14	05/22/16	A 04/22/16	100%
3. R.B. 136-139 - Terminal Buildings & Main Gate (2458500)	1103	Sanchez, Marco	Completed	\$79,215,000	08/31/06	A 08/31/06	08/22/12	A 08/22/12	100%	02/11/13	A 02/11/13	11/20/15	A 01/07/16	100%
4. B. 144-145 - Backland Improvements - Phase 1C (2513100)	1103	Newbold, Adrienne	Closed	\$44,992,018	10/29/11	A 10/29/11	12/03/12	A 12/03/12	100%	04/15/13	A 04/15/13	05/19/14	A 04/24/14	100%
5. B. 145-147 - Backland Improvements - Phase 1B (2514300)	1103	Newbold, Adrienne	Completed	\$11,790,244	10/28/11	A 10/28/11	08/21/12	A 08/21/12	100%	02/12/13	A 02/12/13	02/28/14	A 02/28/14	100%
6. B. 142 - Crane Maintenance Building (2517700)	1103	Sar, Christina	Completed	\$9,229,000	12/16/12	A 12/16/12	01/31/15	A 01/31/15	100%	01/02/16	A 10/26/15	08/02/17	A 05/22/17	100%
7. B. 144-145 - Storm Drain Improvements (2547200)	1103	Newbold, Adrienne	Bid (Adv.) and Award	\$375,000	10/28/17	A 10/28/17	12/31/18	A 11/01/18	100%	06/30/19	01/30/19	12/26/19	07/30/19	0%
BERTH 135-147 - TRAPAC CONTAINER TERMINAL TOTAL				\$340,293,132										
Berth 171-181 - Development														
1. B. 177-178 - Wharf Restoration (2538900)	1187	Ragusa, Angela	Design	\$9,420,000	11/01/17	A 11/01/17	04/30/19	04/30/19	40%	11/01/19	11/01/19	04/30/20	04/30/20	0%
2. B. 179-181 - Wharf and Bollard Repair (2543300)	1187	Kim, Taewon	Bid (Adv.) and Award	\$1,240,000	02/01/17	A 02/01/17	03/30/18	A 03/30/18	100%	10/01/19	10/01/19	02/28/20	02/28/20	0%
3. B. 176-179 - Electrical Infrastructure Improvements (2544100)	1187	Baird, Scott	Design	\$3,800,000	12/12/17	A 12/12/17	07/15/19	07/15/19	54%	01/04/20	01/04/20	04/30/21	04/30/21	0%
4. B. 179-181 - Window Upgrade and Roll Up Door Replacement (2553100)	1187	Reeser, Kenneth	Environmenta l	\$975,000	03/31/19	03/31/19	04/30/19	04/30/19	0%	07/01/19	07/01/19	06/30/20	06/30/20	0%
BERTH 171-181 - DEVELOPMENT TOTAL				\$15,435,000										
Berth 212-224 - YTI Container Terminal														
1. B. 214 - 220 - Redevelopment (2519800)	1165	Han, Edward	Completed	\$44,557,782	04/17/13	A 04/17/13	02/25/15	A 03/25/15	100%	07/14/15	A 09/08/15	05/12/17	A 05/12/17	100%
2. B. 214-220 - Alternative Maritime Power (AMP) Improvements (2532500)	1186	Han, Edward	Completed	\$10,889,810	04/17/14	A 04/17/14	03/25/15	A 03/25/15	100%	09/08/15	A 09/08/15	05/12/17	A 05/12/17	100%
3. B. 212-224 - Intermodal Container Transfer Facility (ICTF) Expansion (2533300)	1165	Han, Edward	Completed	\$6,455,400	04/01/13	A 04/01/13	04/29/16	A 04/29/16	100%	10/03/16	A 04/19/17	10/02/17	A 12/31/17	100%
4. B. 214-220 - 480V Main Breakers Replacement (2533500)	1165	Aboulhosn, Shawki	Completed	\$900,804	12/04/14	A 12/04/14	02/12/15	A 02/12/15	100%	07/14/15	A 09/08/15	05/12/17	A 04/14/17	100%

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(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
5. B. 214 - 220 - Concrete Wharf Inspection and Improvements (2537800)	1165	Nguyen, Long	Hold	\$10,603,000	07/16/16	A 07/16/16	05/31/18	05/31/18	95%	12/01/18	12/01/18	09/30/20	09/30/20	0%
6. B. 218-220 Concrete Pavement Improvement (2546600)	1165	Han, Edward	Hold	\$837,000	12/01/17	A 12/01/17	03/31/18	A 03/31/18	100%	09/01/18	09/01/18	12/31/18	12/31/18	0%
BERTH 212-224 - YTI CONTAINER TERMINAL TOTAL				\$74,243,796										
Berth 222-236 - Development														
1. B. 226-236 - Terminal Improvements - Planning and Environmental (2524200)	1155	Correa, Brian	Completed	\$4,269,706	09/04/14	A 09/04/14	09/04/14	A 09/04/14	N/A	09/04/14	A 09/04/14	12/31/17	A 10/19/17	100%
2. B. 228-230 - Alternative Maritime Power (AMP) Upgrade and Retrofit (2529400)	1186	Correa, Brian	Bid (Adv.) and Award	\$7,000,000	09/16/14	A 09/16/14	09/28/18	A 11/16/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
3. B. 226-236 Terminal Improvements - Wharf and Backlands (2531200)	1155	Correa, Brian	Bid (Adv.) and Award	\$41,311,840	09/19/14	A 09/19/14	09/28/18	A 11/16/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
4. B. 226-236 - Terminal Infrastructure Reconstruction (2539400)	1155	Correa, Brian	Bid (Adv.) and Award	\$14,852,400	03/14/16	A 03/14/16	09/28/18	A 11/16/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
5. B. 226 - Electrical Infrastructure for E-Truck Plug-In and LNG Fueling Stations (2544000)	1155	Hoang, Dac	Construction	\$380,000	05/03/17	A 05/03/17	08/31/17	A 08/31/17	100%	09/01/17	A 09/01/17	12/31/18	01/31/19	98%
6. B. 226-236 - Advanced Cargo Handling Demonstration (2545300)	1155	Hoang, Dac	Bid (Adv.) and Award	\$2,000,000	07/11/17	A 07/11/17	09/28/18	A 11/15/18	100%	04/02/19	04/02/19	04/02/21	04/02/21	0%
BERTH 222-236 - DEVELOPMENT TOTAL				\$69,813,946										
Berth 300-306 - Development														
1. R.B. 301-305 - Buildings, Gates, and Backland Development (2489000)	1134	Harne, Melissa	Closed	\$607,716	01/02/13	A 01/02/13	08/04/17	08/04/17	2%	02/01/18	02/01/18	01/21/20	01/21/20	0%
2. B. 306 - Wharf and Backland Development (2489100)	1134	Cisneros, Hugo	Hold	\$163,000,000	01/05/09	A 01/05/09	02/01/17	02/01/17	59%	02/01/18	02/01/18	01/21/20	01/21/20	0%
3. B. 302-305 - Crane Switchgear Modernization (2552900)	1134	Basha, George	Design	\$1,775,000	01/01/19	A 01/01/19	02/28/19	02/28/19	5%	10/01/19	10/01/19	04/30/21	04/30/21	0%
BERTH 300-306 - DEVELOPMENT TOTAL				\$165,382,716										
Berth 400-409 - Development														
1. B. 402-403 - Expansion Joint Repaving (2536300)	1140	Le, Chinh	Closed	\$272,986	08/18/15	A 08/18/15	08/09/16	A 08/09/16	100%	03/01/18	A 02/05/18	11/28/18	A 03/20/18	100%
2. Pier 400 Corridor Storage Tracks Expansion (2543500)	1140	Lai, Sue	Design	\$34,015,000	07/15/18	A 07/15/18	12/31/19	12/31/19	30%	07/01/20	07/01/20	12/31/21	12/31/21	0%
3. Pier 400 Pavement Replacement (2550400)	1140	Honeybone, Christine	Completed	\$115,469	06/14/18	A 06/14/18	06/14/18	A 06/14/18	100%	06/30/18	A 06/25/18	07/29/18	A 07/20/18	100%
BERTH 400-409 - DEVELOPMENT TOTAL				\$34,403,455										
Motems														
1. B. 238-239 - MOTEMS - PBF Energy (2489900)	1195	Robledo, Jose	Design	\$25,675,000	08/29/18	A 08/29/18	10/21/19	10/21/19	40%	04/27/20	04/27/20	04/30/21	04/30/21	0%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Start Projected	Baseline	Finish Projected		Baseline	Start Projected	Baseline	Finish Projected	
2. B. 167-169 - MOTEMS- Shell (2493600)	1195	Robledo, Jose	Design	\$22,540,338	12/09/13	^A 12/09/13	01/28/19	01/28/19	95%	01/07/20	01/07/20	01/24/22	01/24/22	0%
3. B. 163 - MOTEMS- NuStar (2493700)	1195	Robledo, Jose	Hold	\$23,976,000	07/04/17	07/04/17	07/02/18	07/02/18	0%	06/11/19	06/11/19	06/08/20	06/08/20	0%
4. B. 148-151 - MOTEMS- Phillips 66 (2493800)	1195	Robledo, Jose	Design	\$24,626,142	02/05/18	^A 02/05/18	09/30/19	09/30/19	10%	03/31/20	03/31/20	03/29/21	03/29/21	0%
5. B. 164 - MOTEMS - Valero (2493900)	1195	Robledo, Jose	Design	\$26,655,000	08/11/17	^A 08/11/17	03/08/19	03/08/19	80%	09/16/19	03/14/20	09/18/20	09/18/20	0%
6. B. 187-191 - MOTEMS- Vopak (2494000)	1195	Robledo, Jose	Hold	\$61,561,271	06/03/16	06/03/16	02/16/17	02/16/17	0%	07/14/17	07/14/17	01/10/19	01/10/19	0%
7. B. 163 - MOTEMS Repairs - Nustar (2524400)	1195	Robledo, Jose	Completed	\$1,258,598	10/03/13	^A 10/03/13	05/31/14	^A 05/31/14	100%	03/09/15	^A 03/09/15	08/07/17	^A 05/12/17	100%
8. B. 164 - MOTEMS Repairs - Valero (2524500)	1195	Robledo, Jose	Completed	\$979,093	10/03/13	^A 10/03/13	05/31/14	^A 05/31/14	100%	03/09/15	^A 03/09/15	08/07/17	^A 05/12/17	100%
9. B. 187-190 - MOTEMS Repairs - Vopak (2524600)	1195	Robledo, Jose	Closed	\$448,310	09/03/16	^A 07/18/16	09/03/17	^A 09/03/17	25%	12/05/17	^A 02/05/18	12/05/18	^A 12/05/18	0%
10. B. 148-149 - MOTEMS Repairs - Phillips 66 (2539800)	1195	Sanchez, Marco	Bid (Adv.) and Award	\$3,955,000	08/09/16	^A 08/09/16	08/05/18	^A 09/04/18	100%	02/07/19	07/28/19	02/07/20	02/07/20	0%
11. B. 163 - 164 - MOTEMS Repairs - Nustar/Valero - Phase 2 (2548300)	1195	Sanchez, Marco	Construction	\$600,000	03/30/18	^A 03/30/18	07/13/18	^A 08/12/18	100%	07/23/18	^A 09/11/18	03/15/19	03/15/19	5%
MOTEMS TOTAL				\$192,274,752										
Miscellaneous Terminal Improvements														
1. B. 196-199 - Wharf Rehabilitation (2516600)	1171	Le, Chinh	Construction	\$14,300,000	03/04/14	^A 03/04/14	02/22/16	^A 02/22/16	100%	08/07/17	^A 08/07/17	07/19/19	07/19/19	93%
2. B. 240 A, B, & C - Seawall Improvements - PBF Energy (2537600)	1001	Sanchez, Marco	Completed	\$4,500,000	05/03/16	^A 05/03/16	09/14/17	^A 10/16/17	100%	11/06/17	^A 04/30/18	11/06/18	^A 08/31/18	100%
3. New Dredge Material Disposal Site (2542800)	1002	Kim, Taewon	Closed	\$0	07/03/17	^A 07/03/17	07/03/17	^A 07/03/17	N/A	07/03/17	^A 07/03/17	07/31/21	07/31/21	N/A
4. B. 243-245 - Confined Disposal Facility Modifications (2547700)	1002	Kim, Taewon	Design	\$2,500,000	12/01/17	^A 12/01/17	03/01/20	03/01/20	40%	05/02/18	07/01/19	11/01/25	11/01/25	0%
5. R.B. 206-209 - Demolition (2547800)	1156	Gutierrez, Mimi	Design	\$3,310,000	09/01/18	^A 09/01/18	02/28/19	02/28/19	95%	09/01/19	09/01/19	05/31/20	05/31/20	0%
6. R.B. 147-151 - Sanitary Sewer Rehabilitation (2548200)	1002	Vazquez, Lizeth	Hold	\$420,000	03/01/18	^A 03/01/18	07/31/18	^A 07/31/18	100%	10/01/18	10/01/18	01/31/19	01/31/19	0%
7. B. 240X So Cal Ship Services - Parking Lot Design (2550600)	1002	Harne, Melissa	Design	\$40,000	06/22/18	^A 08/20/18	10/19/18	02/28/19	10%	10/19/18	02/28/19	10/19/18	02/28/19	0%
MISCELLANEOUS TERMINAL IMPROVEMENTS TOTAL				\$25,070,000										
TERMINALS TOTAL				\$1,086,157,369										
II. Transportation														
Transportation Improvements														

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
1. South Wilmington Grade Separation (2423600)	1172	Martinez, Guillermo	Completed	\$70,078,430	06/01/05	A 06/01/05	06/27/12	A 06/27/12	100%	02/18/13	A 02/18/13	03/31/15	A 03/31/15	100%
2. I-110/SR 47 Connector Improvement (2466100)	1172	Konareddy, Prashant	Completed	\$16,937,052	08/18/08	A 08/18/08	06/19/13	A 06/19/13	100%	11/18/13	A 11/18/13	06/26/16	A 07/07/16	100%
3. John S. Gibson Intersection & NB I-110 Ramp Access Improvements (2469900)	1172	Konareddy, Prashant	Completed	\$28,572,586	03/04/08	A 03/04/08	06/19/13	A 06/19/13	100%	11/18/13	A 11/18/13	06/26/16	A 07/07/16	100%
4. C Street/I-110 Access Ramp Improvements (2485200)	1172	Konareddy, Prashant	Completed	\$45,392,083	07/01/08	A 07/01/08	07/31/13	A 07/31/13	100%	01/13/14	A 01/14/14	01/05/17	A 09/13/16	100%
5. B. 200 - Rail Yard (2488500)	1172	Sar, Christina	Completed	\$128,479,559	04/16/08	A 04/16/08	11/16/11	A 11/16/11	100%	08/27/12	A 08/27/12	08/01/14	A 08/15/14	100%
6. Avalon and Fries Street Closures Environmental Assessment (2516700)	1172	Wunder, Lisa	Environmenta l	\$779,650	08/08/12	A 08/08/12	08/08/12	A 08/08/12	N/A	08/08/12	A 08/08/12	12/31/19	12/31/19	80%
7. At-Grade Rail Crossing Protection System for Anaheim St. Rail Crossing of McFarland Lead Track (2524100)	1172	Hunt, Alex	Completed	\$434,106	06/10/13	A 06/10/13	08/31/15	A 08/31/15	100%	09/01/16	A 09/01/16	03/31/18	A 05/31/18	100%
8. SCIG Bridge and Road Review (2532200)	1189	Shimabukuro , Geraldine	Hold	\$200,000	01/12/15	A 01/12/15	06/30/16	06/30/16	95%	06/30/16	06/30/16	06/30/16	06/30/16	N/A
9. State Route 47/Vincent Thomas Bridge & Front St./Harbor Blvd Interchange Reconfiguration (2533400)	1172	Aziz, Sarah	Design	\$31,050,000	10/01/18	A 12/15/18	09/30/20	09/30/20	1%	04/01/21	04/01/21	03/30/23	03/30/23	N/A
10. Alameda Corridor Southern Terminus Gap Closure (2536600)	1172	Preciado, Noe	Design	\$10,056,000	12/07/15	A 12/07/15	04/30/19	04/30/19	85%	02/01/20	02/01/20	01/31/21	01/31/21	0%
11. Navy Way Speed Hump Reconstruction and Restriping (2538300)	1172	Konareddy, Prashant	Bid (Adv.) and Award	\$1,850,000	09/01/16	A 09/01/16	07/31/17	A 07/31/17	100%	09/03/18	01/15/19	03/29/19	03/29/19	0%
12. Water Street Resurfacing (2538500)	1172	Hunt, Alex	Completed	\$800,000	09/01/16	A 09/01/16	03/10/17	A 03/10/17	100%	10/01/18	A 08/22/18	03/29/19	A 10/15/18	100%
13. Reeves Avenue Resurfacing (2538700)	1172	Aziz, Sarah	Completed	\$660,000	09/01/16	A 09/01/16	02/10/17	A 02/10/17	100%	12/01/18	A 10/01/18	05/31/19	A 11/30/18	100%
14. Miner Street Resurfacing (2538800)	1172	Aziz, Sarah	Completed	\$500,000	12/08/16	A 12/08/16	04/07/17	A 04/07/17	100%	11/01/18	A 09/17/18	04/05/19	A 11/16/18	100%
15. B. 200 - Rail Yard and Track Connections Enhancements (2540800)	1172	Shimabukuro , Geraldine	Bid (Adv.) and Award	\$6,700,000	08/08/16	A 08/08/16	09/20/18	A 09/20/18	100%	04/01/19	04/01/19	04/01/20	04/01/20	0%
16. Waterside Emergency Access - Various Locations (2542400)	1172	Gutierrez, Mimi	Closed	\$103,366	02/01/17	A 01/20/17	03/02/17	A 09/15/17	100%	03/13/17	A 09/26/17	07/31/17	A 07/19/18	100%
17. Pier A - Street Resurfacing (2542900)	1172	Hunt, Alex	Completed	\$1,200,000	09/01/17	A 09/01/17	01/31/18	A 01/31/18	100%	04/01/18	A 07/30/18	07/31/18	A 08/10/18	100%
18. Swinford Street, Front Street, and Regan Street - Resurfacing Project (2543100)	1172	Konareddy, Prashant	Design	\$850,000	09/01/17	A 09/01/17	01/31/19	01/31/19	90%	03/01/19	03/01/19	12/28/19	12/28/19	0%
19. Alameda Street & Dispatch Hall Driveway Traffic Signal (2544900)	1172	Hunt, Alex	Completed	\$633,000	09/01/17	A 09/01/17	09/30/18	A 01/31/18	100%	12/01/18	A 02/20/18	02/28/19	A 06/30/18	100%
20. B. 200 - Roadway Improvements (2549400)	1172	Newbold, Adrienne	Bid (Adv.) and Award	\$209,060	06/02/18	A 06/02/18	09/30/18	A 10/31/18	100%	01/01/19	02/01/19	06/30/19	05/30/19	0%
21. Access Road Adjacent to Praxair, Inc. Resurfacing (2551400)	1172	Hunt, Alex	Design	\$600,000	11/01/18	A 10/16/18	08/31/19	08/31/19	40%	12/01/19	12/01/19	03/31/20	03/31/20	0%
22. Henry Ford Avenue and Anchorage Road Improvements (2551600)	1172	Hunt, Alex	Bid (Adv.) and Award	\$50,000	11/01/18	A 11/01/18	12/31/18	A 12/31/18	100%	03/01/19	03/01/19	04/30/19	04/30/19	0%

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
23. Southern California International Gateway (SCIG) Environmental Assessment (2552500)	1189	Ochsner, Lisa	Environmenta	\$700,000	12/01/18	^A 12/01/18	12/01/18	^A 12/01/18	N/A	12/01/18	^A 12/01/18	12/01/19	12/01/19	1%
24. C Street/I-110 Access Ramp Improvements Right of Way Transfer (2552800)	1172	Konareddy, Prashant	Planning	\$95,000	02/28/19	02/28/19	02/28/19	02/28/19	N/A	03/01/19	03/01/19	08/30/21	08/30/21	0%
25. B. 200 - Roadway Improvements & Extension (2554000)	1172	Harne, Melissa	Planning	\$6,390,000	02/02/20	02/02/20	07/31/21	07/31/21	0%	02/01/22	02/01/22	02/01/23	02/01/23	0%
TRANSPORTATION IMPROVEMENTS TOTAL				\$353,319,892										
TRANSPORTATION TOTAL				\$353,319,892										
III. Security														
Homeland Security														
1. Port Police - 700 MHz Radio System - Phase I (2542000)	1179	Bosso, Homero	Construction	\$1,202,310	10/31/16	^A 10/31/16	12/31/16	^A 12/31/16	100%	08/30/17	^A 08/30/17	08/30/19	08/30/19	50%
2. Port Police - 700 MHz Radio System - Phase II (2542100)	1179	Schutte, Katrina	Design	\$17,468,453	10/31/16	^A 10/31/16	01/31/19	01/31/19	95%	02/01/19	02/01/19	06/30/21	06/30/21	0%
3. Port Police - Catalina Island Radio Repeater Site (2546500)	1179	Bosso, Homero	Construction	\$400,352	10/01/17	^A 10/01/17	10/01/17	^A 10/01/17	N/A	10/01/17	^A 10/01/17	06/30/19	06/30/19	50%
4. Port Police - Integrated Computer Aided Dispatch and Records Management System (CAD/RMS) (2547900)	1179	Schutte, Katrina	Bid (Adv.) and Award	\$2,556,715	04/30/18	^A 04/30/18	04/30/18	^A 04/30/18	N/A	11/02/18	02/01/19	11/02/19	11/30/19	0%
5. Port Police - Fixed License Plate Reader (LPR) System (2548000)	1179	Schutte, Katrina	Bid (Adv.) and Award	\$571,649	04/30/18	^A 04/30/18	04/30/18	^A 04/30/18	N/A	12/01/18	02/01/19	12/31/19	12/31/19	0%
6. 120 W "C" Street Port Police Canine Training Site Improvements (2549000)	1179	Hughes, Danny	Completed	\$73,818	03/01/18	^A 03/01/18	03/01/18	^A 03/01/18	N/A	03/02/18	^A 03/02/18	06/01/18	^A 07/31/18	100%
HOMELAND SECURITY TOTAL				\$22,273,297										
SECURITY TOTAL				\$22,273,297										
IV. Public Access/Environmental Enhancements														
Port-Wide Public Enhancements														
1. Front Street Beautification (2504700)	1167	Aziz, Sarah	Hold	\$7,300,000	10/30/11	^A 10/30/11	08/31/15	^A 08/31/15	100%	04/01/15	^A 04/01/15	09/30/19	10/30/19	5%
PORT-WIDE PUBLIC ENHANCEMENTS TOTAL				\$7,300,000										
Los Angeles Waterfront														
1. San Pedro Waterfront														
1. San Pedro Waterfront - Harbor Boulevard (SP Slip to 22nd St.) Roadway Improvements (2488200)	1169	Harne, Melissa	Hold	\$22,000,000	03/01/17	03/01/17	07/01/18	07/01/18	0%	01/03/19	01/03/19	01/03/21	01/03/21	0%
2. San Pedro Waterfront - B. 57 - Wharf Demolition, Seawall Repair, and Street Improvements (2500600)	1182	Grossi, Chris	Hold	\$21,725,000	01/01/19	01/01/19	06/30/20	06/30/20	0%	01/01/21	01/01/21	06/30/22	06/30/22	0%

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Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
3. San Pedro Waterfront - Sampson Way Roadway Improvements - 7th Street & Harbor Blvd. Intersection (2509400)	1169	Leon, Laura	Completed	\$15,665,000	07/01/14	A 07/01/14	02/22/16	A 02/22/16	100%	10/31/16	A 10/31/16	08/28/18	A 08/11/18	100%
4. San Pedro Waterfront - B. 57 - AltaSea Environmental Assessment (2531800)	1182	Wunder, Lisa	Hold	\$1,000,000	01/05/15	A 01/05/15	01/05/15	A 01/05/15	N/A	01/05/15	A 01/05/15	02/28/18	02/28/18	70%
5. San Pedro Waterfront - Ports O' Call Promenade and Town Square - Phase I (2532100)	1185	Honeybone, Christine	Construction	\$32,200,000	07/01/15	A 07/01/15	01/29/19	01/29/19	95%	03/05/18	A 03/05/18	01/29/21	01/29/21	10%
6. San Pedro Waterfront - B. 79 - Buildings Demolition (2538000)	1185	Grossi, Chris	Closed	\$0	01/20/16	A 01/20/16	11/14/18	11/14/18	90%	05/16/19	05/16/19	11/16/21	05/16/19	0%
7. San Pedro Waterfront - B. 80-83 - Buildings and Floats Demolition (2538100)	1185	Grossi, Chris	Completed	\$958,000	01/19/16	A 01/19/16	09/01/18	A 09/01/18	100%	01/09/17	A 01/09/17	09/03/21	A 01/15/19	100%
8. San Pedro Waterfront - B. 78 - Chevron Clean-up - Phase I (2538200)	1185	Grossi, Chris	Construction	\$1,500,000	01/19/16	A 01/19/16	01/22/18	A 01/22/18	100%	12/03/18	A 12/03/18	05/01/19	05/01/19	15%
9. San Pedro Waterfront - B. 80-83 - Waterside Improvements (2539000)	1185	Grossi, Chris	Design	\$4,218,660	03/01/16	A 03/01/16	01/29/19	01/29/19	95%	07/31/19	07/31/19	09/30/22	09/30/22	0%
10. San Pedro Waterfront - Harbor Boulevard From Miner Street to SP Slip Roadway Improvements (2543000)	1169	Harne, Melissa	Design	\$6,000,000	01/03/17	A 01/03/17	09/18/19	09/18/19	82%	03/20/20	03/20/20	03/20/21	03/20/21	0%
11. Harbor Boulevard - Automated Public Toilet Retrofits (2546000)	1207	Reeser, Kenneth	Completed	\$158,034	08/26/17	A 08/26/17	08/26/17	A 08/26/17	N/A	09/24/17	A 10/08/17	06/30/18	A 05/17/18	100%
12. San Pedro Waterfront - Downtown Harbor Water Cut Sheet Piling Movement Investigation for Repair (2547500)	1183	Posadas, John	Closed	\$0	11/20/17	A 11/20/17	11/20/17	A 11/20/17	N/A	11/20/17	A 11/20/17	03/31/19	03/31/19	40%
13. San Pedro Waterfront - 34.5KV Electric Utility Service (2548400)	1169	Baird, Scott	Design	\$4,000,000	02/01/18	A 02/01/18	01/31/19	01/31/19	28%	07/01/19	07/01/19	01/31/20	01/31/20	0%
14. San Pedro Waterfront - Town Square Public Restrooms (2551300)	1185	Martinez, Anabel	Planning	\$958,400	10/24/18	01/15/19	07/02/19	07/02/19	0%	12/18/19	12/18/19	06/02/20	06/02/20	0%
15. San Pedro Waterfront - B. 78 Chevron Clean Up - Phase II (2552300)	1185	Grossi, Chris	Design	\$1,500,000	01/19/16	A 01/19/16	09/30/20	09/30/20	5%	04/01/21	04/01/21	09/30/22	09/30/22	0%
16. San Pedro Waterfront - Ports O' Call Promenade - Phase II (2552600)	1185	Honeybone, Christine	Design	\$8,200,000	07/01/15	A 07/01/15	09/30/20	09/30/20	60%	04/01/21	04/01/21	09/30/22	09/30/22	0%
SAN PEDRO WATERFRONT TOTAL				\$120,083,094										
2. Wilmington Waterfront Development														
1. Wilmington Waterfront Park Street Vacations (2525600)	1040	Brown, James	Design	\$265,000	01/02/14	A 01/02/14	06/02/19	06/02/19	60%	08/04/19	08/04/19	01/05/21	01/05/21	0%
2. Wilmington Waterfront Promenade (2533000)	1040	Cisneros, Hugo	Design	\$52,700,000	07/06/15	A 07/06/15	02/28/19	02/28/19	94%	09/01/19	09/01/19	09/01/21	09/01/21	0%
3. Wilmington Waterfront - Avalon Promenade and Gateway (2537700)	1040	Cisneros, Hugo	Design	\$23,800,000	02/03/17	A 02/03/17	03/30/20	03/30/20	31%	10/01/20	10/01/20	10/01/22	10/01/22	0%
4. Wilmington Waterfront Signage Improvements (2538600)	1040	Shimabukuro, Geraldine	Construction	\$600,000	05/01/16	A 05/01/16	10/31/17	A 10/31/17	100%	02/01/18	A 02/01/18	03/31/19	03/31/19	70%
5. Wilmington Waterfront - West End Park Improvements (2543200)	1040	Wooster, Carly	Construction	\$481,000	07/01/17	A 07/28/17	03/31/18	A 04/27/18	100%	10/01/18	A 06/04/18	03/31/19	03/31/19	50%
6. Wilmington Waterfront - Site Characterization Assessments (2545600)	1040	Sun, Pauling	Environmenta	\$560,000	08/02/17	A 08/02/17	08/02/17	A 08/02/17	N/A	08/02/17	A 08/02/17	03/30/20	03/30/20	50%

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					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
7. Wilmington Waterfront Park - Splash Fountain Methane Alarm Panel Replacement (2553400)	1040	Hazelett, Phil	Bid (Adv.) and Award	\$25,000	12/08/18	^A 12/08/18	12/08/18	^A 12/08/18	N/A	02/10/19	02/10/19	04/30/19	04/30/19	0%
8. Wilmington Youth Sailing and Aquatic Center (2553600)	1040	Low, Bryan	Planning	\$3,100,000	01/18/19	01/18/19	10/14/19	10/14/19	0%	04/14/20	04/14/20	04/11/21	04/11/21	0%
WILMINGTON WATERFRONT DEVELOPMENT TOTAL				\$81,531,000										
LOS ANGELES WATERFRONT TOTAL				\$201,614,094										
Environmental Enhancements														
1. Pacific Harbor Line - Locomotive Electric Charger (2549200)	1002	Hoang, Dac	Construction	\$200,000	03/08/18	^A 03/08/18	07/31/18	^A 07/31/18	100%	08/01/18	^A 08/01/18	08/30/19	08/30/19	70%
ENVIRONMENTAL ENHANCEMENTS TOTAL				\$200,000										
PUBLIC ACCESS/ENVIRONMENTAL ENHANCEMENTS TOTAL				\$209,114,094										
V. Maritime Services														
Harbor Department Facilities														
1. B. 161 - Marine Ways Modifications (2486100)	1029	Han, Edward	Construction	\$3,070,000	03/15/13	^A 03/15/13	12/31/17	^A 12/31/17	100%	07/09/18	^A 07/09/18	07/31/19	01/31/19	95%
2. Harbor Administration Building - HVAC Replacement (2509600)	1003	SooHoo, Ken	Design	\$9,500,000	02/14/14	^A 02/14/14	04/26/19	04/26/19	60%	11/04/19	11/04/19	10/30/20	10/30/20	0%
3. Harbor Administration Building - 4th Floor Work Space Solutions (2517900)	1003	Macias, Emilio	Bid (Adv.) and Award	\$3,667,200	10/01/17	^A 10/01/17	11/30/18	^A 11/30/18	100%	04/01/19	04/01/19	12/20/19	12/20/19	0%
4. Klein Billing and Port Pilot Systems Enhancement (2532400)	1206	Wei, Kelvin	Construction	\$1,618,000	04/01/15	^A 04/01/15	04/01/15	^A 04/01/15	N/A	07/01/15	^A 07/01/15	08/31/20	08/31/20	70%
5. Web-Based Construction Management System (2532900)	1206	Adams, Charles	Completed	\$339,000	09/24/15	^A 09/24/15	08/31/17	^A 09/30/17	100%	09/01/17	^A 10/01/17	02/28/18	^A 03/31/18	100%
6. Harbor Administration Building - IT HVAC Emergency Back Up Unit (2539200)	1003	Smith, Charles	Closed	\$415,445	02/18/16	^A 02/18/16	02/18/16	^A 02/18/16	N/A	05/16/16	^A 05/16/16	03/31/18	^A 03/31/18	100%
7. B. 186 - Banning's Landing HVAC System Upgrade (2541000)	1207	Reeser, Kenneth	Closed	\$289,173	08/01/16	^A 08/01/16	08/01/16	^A 08/01/16	N/A	06/19/17	^A 06/19/17	04/30/18	^A 04/30/18	100%
8. B. 161 - Elevator Modernization (2542500)	1029	Reeser, Kenneth	Construction	\$241,000	01/04/17	^A 01/04/17	01/04/17	^A 01/04/17	100%	12/05/17	^A 12/05/17	02/28/19	02/28/19	80%
9. B. 161 - Installation of Electrical Vehicle Chargers (2544400)	1207	Aboulhosn, Shawki	Completed	\$135,175	04/20/17	^A 04/20/17	05/04/17	^A 05/04/17	100%	05/06/17	^A 05/06/17	02/16/18	^A 03/16/18	100%
10. Harbor Administration Building - New Skylight at Penthouse Roof (2545100)	1002	Reeser, Kenneth	Completed	\$71,392	08/13/17	^A 08/13/17	08/19/17	^A 08/19/17	100%	08/20/17	^A 08/20/17	04/30/18	^A 04/30/18	100%
11. B. 161 - C&M Maintenance Yard Carpenter Shop Remodel (2545200)	1029	Reeser, Kenneth	Completed	\$1,116,019	07/11/17	^A 07/11/17	07/11/17	^A 07/11/17	100%	07/20/17	^A 07/20/17	10/31/18	^A 10/31/18	100%
12. Harbor Administrative Building - Garage Doors Replacement (2545500)	1003	Koerber, Matt	Bid (Adv.) and Award	\$394,000	09/01/17	^A 09/01/17	03/14/18	^A 03/14/18	100%	01/03/19	01/22/19	07/05/19	07/05/19	0%
13. B. 161 - Equipment Operations Building Renovation (2545700)	1207	Reeser, Kenneth	Design	\$1,000,000	10/24/17	^A 10/24/17	02/01/19	02/01/19	99%	02/02/19	02/02/19	02/04/20	02/04/20	0%

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					Baseline	Start Projected	Baseline	Finish Projected		Baseline	Start Projected	Baseline	Finish Projected	
14. 272 South Fries Ave - Building Improvements (2545800)	1207	Reeser, Kenneth	Construction	\$800,000	09/02/17	^A 09/02/17	09/02/17	^A 09/02/17	N/A	12/17/17	^A 12/17/17	03/31/19	03/31/19	90%
15. 514 Pier A Street - Soils Lab Interior Upgrades (2546200)	1029	Reeser, Kenneth	Completed	\$73,994	09/16/17	^A 09/16/17	09/16/17	^A 09/16/17	N/A	12/10/17	^A 01/16/18	08/30/18	^A 09/17/18	100%
16. 514 Pier A Street - Soils Lab Elevator Modernization (2546400)	1029	Reeser, Kenneth	Construction	\$150,000	09/16/17	^A 09/16/17	09/16/17	^A 09/16/17	N/A	10/01/18	^A 10/15/18	03/01/19	02/28/19	5%
17. B. 161 - Warehouse Lighting Overhaul (2546800)	1029	Basha, George	Construction	\$170,000	10/15/17	^A 10/15/17	10/15/17	^A 10/15/17	N/A	11/19/17	^A 08/15/18	03/31/19	03/31/19	90%
18. Harbor Administration Building - Exterior Landscaping (2547000)	1003	Wooster, Carly	Construction	\$100,000	10/17/17	^A 10/17/17	11/22/17	^A 12/22/17	100%	11/27/17	^A 03/12/18	01/03/18	05/30/19	40%
19. Harbor Administration Building - 3rd Floor Conference Rooms Upgrades (2547300)	1003	Kuo, Rodger	Completed	\$33,415	11/02/17	^A 12/04/17	12/30/17	^A 01/31/18	100%	01/15/18	^A 02/16/18	04/30/18	^A 09/30/18	100%
20. B. 161 - Electrical Improvement Project - Phase 2 (2548700)	1207	Basha, George	Construction	\$395,000	04/07/18	^A 04/07/18	04/07/18	^A 04/07/18	N/A	06/10/18	^A 08/01/18	01/31/19	01/31/19	95%
21. Harbor Administration Building - Exterior Frame Repair (2549500)	1003	Posadas, John	Bid (Adv.) and Award	\$940,000	04/07/18	^A 04/07/18	11/30/18	^A 12/31/18	100%	01/01/19	02/01/19	09/30/19	09/30/19	0%
22. Pilot Boats Replacement (2549600)	1104	Flinn, David	Bid (Adv.) and Award	\$7,140,000	07/01/18	^A 07/01/18	12/01/18	^A 07/01/18	N/A	02/01/19	02/01/19	04/01/20	04/01/20	0%
23. B. 161 - HVAC/Sheet Metal Shop Reorganization (2549800)	1029	Smith, Charles	Construction	\$40,000	04/02/18	^A 04/02/18	04/02/18	^A 10/15/18	100%	07/01/18	^A 10/26/18	07/30/18	06/30/19	40%
24. B. 68 - Port Pilot Station 1st & 2nd Floor Office Space Reconfiguration (2550000)	1085	Macias, Emilio	Construction	\$39,800	02/28/18	^A 02/28/18	04/16/18	^A 06/15/18	100%	04/23/18	^A 06/22/18	05/22/18	01/31/19	80%
25. Pilot Boat Swing Propulsion (2550200)	1207	Orozco, David	Bid (Adv.) and Award	\$235,000	06/02/18	^A 06/02/18	06/02/18	^A 06/02/18	N/A	11/01/18	02/01/19	05/30/19	05/30/19	0%
26. B. 161 - C&M Yard Wi-Fi Expansion (2550300)	1029	Wooster, Andy	Construction	\$167,000	09/01/18	^A 12/14/18	11/30/18	^A 12/14/18	N/A	12/01/18	^A 12/15/18	06/30/19	06/30/19	5%
27. B. 68 - Port Pilot Station Fire Protection System (2550500)	1207	Hazelett, Phil	Completed	\$259,513	07/15/18	^A 07/15/18	07/21/18	^A 07/21/18	100%	07/22/18	^A 07/22/18	12/31/18	^A 11/01/18	100%
28. Harbor Administration Building - Patio Leak Repair - Phase III (2550700)	1003	Reeser, Kenneth	Construction	\$1,500,000	07/14/18	^A 07/14/18	07/14/18	^A 07/14/18	N/A	10/14/18	^A 10/14/18	01/31/20	01/31/20	5%
29. Harbor Administration Building - 2nd Floor Workspace Solutions (2551000)	1003	Asuncion, Tom	Bid (Adv.) and Award	\$320,000	04/01/18	^A 04/01/18	08/31/18	^A 09/30/18	100%	02/01/19	02/01/19	08/31/19	08/31/19	0%
30. Harbor Administration Building - 5th Floor Workspace Solutions (2551100)	1003	Kuo, Rodger	Bid (Adv.) and Award	\$1,833,500	04/01/18	^A 04/01/18	11/30/18	^A 11/30/18	100%	04/01/19	04/01/19	12/20/19	12/20/19	0%
31. B. 84 - Port Police Marine Office - Two Workstation Installation - Phase II (2551200)	1002	Asuncion, Tom	Construction	\$25,000	07/27/18	^A 07/27/18	08/17/18	^A 08/31/18	100%	08/23/18	^A 11/01/18	09/17/18	02/14/19	1%
32. Harbor Administration Building - Board Hearing Room and Executive Session Room Remodel (2551900)	1003	Low, Bryan	Planning	\$1,485,000	02/03/19	02/03/19	05/01/20	05/01/20	0%	11/03/20	11/03/20	11/03/21	11/03/21	0%
33. Liberty Plaza Parking Lot (2552000)	1003	Aziz, Sarah	Design	\$420,000	11/01/18	^A 11/01/18	08/31/19	08/31/19	5%	12/01/19	12/01/19	03/31/20	03/31/20	0%
34. B. 161 C&M Administration Building - Fall Protection System (2552200)	1029	Hazelett, Phil	Bid (Adv.) and Award	\$55,000	10/06/18	^A 10/06/18	10/06/18	^A 10/06/18	N/A	12/06/18	01/15/19	06/30/19	06/30/19	0%
35. Port of Los Angeles Police Headquarters - Air Conditioning Replacement (2552400)	1181	Smith, Charles	Design	\$1,335,000	01/01/19	^A 01/01/19	03/30/19	03/30/19	1%	07/02/19	07/02/19	01/31/20	01/31/20	0%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
36. B. 161 - C&M Yard Mass Notification System (2553200)	1029	Hazelett, Phil	Construction	\$298,000	12/01/18	A 12/01/18	12/01/18	A 12/01/18	N/A	02/07/19	A 12/02/18	03/31/19	03/31/19	20%
37. 272 S. Fries Ave - Re-pipe Water Supply (2553800)	1002	Reeser, Kenneth	Bid (Adv.) and Award	\$94,000	12/31/18	A 12/31/18	12/31/18	A 12/31/18	N/A	01/31/19	01/31/19	05/31/19	05/31/19	0%
HARBOR DEPARTMENT FACILITIES TOTAL				\$39,765,626										
Miscellaneous Projects														
1. Badger Avenue Bridge Rehabilitation (2525000)	1002	SooHoo, Ken	Completed	\$2,036,000	04/19/14	A 04/19/14	02/24/16	A 02/24/16	100%	09/01/16	A 09/01/16	09/01/17	A 08/28/17	100%
2. B. 84 - Maritime Museum Wharf Rehabilitation (2526200)	1002	Becaria, Lily	Completed	\$2,428,466	06/27/14	A 06/27/14	01/29/16	A 01/29/16	100%	09/19/16	A 09/19/16	12/31/17	A 01/31/18	100%
3. 300 Water Street - Office Building Re-Roof and Cooling Tower Replacement (2528900)	1002	Reeser, Kenneth	Completed	\$940,500	07/10/14	A 07/10/14	07/10/14	A 07/10/14	N/A	03/12/18	A 03/12/18	12/31/18	A 12/31/18	100%
4. Ports O'Call - American Disability Act Compliant Restrooms (2531700)	1002	Grossi, Chris	Completed	\$1,321,567	11/26/14	A 11/26/14	08/30/15	A 08/30/15	100%	09/01/15	A 09/01/15	05/31/18	A 06/30/18	100%
5. B. 85 - Port Police Float System Replacement (2534900)	1002	Becaria, Lily	Planning	\$1,500,000	07/01/15	A 07/01/15	07/01/15	A 07/01/15	N/A	02/01/17	11/01/17	12/24/17	12/24/17	0%
6. B. 72 - Municipal Fish Market - Chiller Unit Electrical Replacement (2540300)	1002	Aboulhosn, Shawki	Completed	\$49,727	06/28/16	A 06/28/16	07/18/16	A 11/03/16	100%	08/02/16	A 01/24/17	08/31/16	A 10/04/18	100%
7. Badger Avenue Bridge Conley Joints Purchase (2541200)	1002	Smith, Charles	Closed	\$422,320	09/15/16	A 09/15/16	09/15/16	A 09/15/16	N/A	11/07/17	A 11/09/17	12/31/18	A 10/29/18	100%
8. Tri-Marine Fish Company Lighting Upgrade (2545000)	1002	Gabriel, Verdy	Closed	\$94,488	06/13/17	A 06/13/17	08/18/17	A 07/25/17	100%	10/02/17	A 10/02/17	11/30/17	A 04/30/18	100%
9. POLA Sidewalk Repair Program - Sidewalk within POLA Facilities (2546300)	1002	Castro, Christian	Construction	\$3,600,000	09/07/17	A 09/07/17	12/31/21	12/31/21	10%	12/01/17	A 06/05/18	06/30/22	06/30/22	5%
10. Cabrillo Way Marina - Water Leak Detection System (2546700)	1091	Hazelett, Phil	Completed	\$172,226	10/14/17	A 10/14/17	10/14/17	A 10/14/17	N/A	02/16/18	A 02/16/18	10/31/18	A 10/31/18	100%
11. B. 155A - Building Improvements (2547100)	1207	Reeser, Kenneth	Construction	\$2,003,575	04/21/18	A 04/21/18	04/21/18	A 04/21/18	N/A	04/22/18	A 04/22/18	12/31/19	12/31/19	45%
12. Vincent Thomas Bridge Air Gap Sensor Electrical Installation (2547600)	1002	Shimabukuro, Geraldine	Closed	\$41,528	12/03/17	A 12/03/17	12/03/17	A 12/03/17	N/A	12/04/17	A 12/04/17	07/01/18	A 05/30/18	100%
13. Cabrillo Way Marina - Electrical Service Meter Separation (2548100)	1091	Hoang, Dac	Construction	\$81,000	12/27/17	A 12/27/17	04/24/18	A 11/16/18	100%	04/26/18	A 11/19/18	07/24/18	02/16/19	15%
14. B. 94 - 147 - Underwharf Pipeline Hangers Replacement (2548500)	1207	Hazelett, Phil	Completed	\$750,000	01/12/18	A 01/12/18	01/12/18	A 01/12/18	N/A	02/23/18	A 02/23/18	10/31/18	A 11/30/18	100%
15. Warehouse No. 1 - Elevator No. 4 Door Replacement (2548600)	1002	Smith, Charles	Bid (Adv.) and Award	\$98,792	02/10/18	A 02/10/18	02/10/18	A 02/10/18	N/A	07/08/18	01/15/19	01/31/19	06/30/19	0%
16. 249 Cannery Street Building Demolition (2548800)	1002	Han, Edward	Design	\$1,378,000	07/01/18	A 07/16/18	12/31/18	01/31/19	80%	07/01/19	03/01/19	12/31/19	12/31/19	0%
17. Cabrillo Way Marina - Gazebo and Sidewalk Repair (2548900)	1091	Wooster, Carly	Completed	\$153,291	11/06/17	A 11/06/17	04/08/18	A 05/08/18	100%	04/10/18	A 05/09/18	02/28/19	A 08/29/18	100%
18. FY 18/19 CIP Deferred Maintenance Projects (2549100)	1207	Cardamone, Janie	Planning	\$747,000	07/01/18	A 07/01/18	06/30/19	06/30/19	N/A	07/01/18	A 07/01/18	06/30/19	06/30/19	N/A
19. B. 51 - Access Improvements (2549300)	1002	Matsumoto, Briella	Construction	\$191,600	05/02/18	A 05/02/18	06/30/18	A 07/30/18	100%	10/01/18	A 10/01/18	12/31/18	01/31/19	100%

CIP Status Report
(Actuals Thru: November 2018)

Project Title	Expenditure Organization	Project Manager	Project Status	Projected Cost	Design				Percent Design Complete	Construction				Percent Constr. Complete
					Start		Finish			Start		Finish		
					Baseline	Projected	Baseline	Projected		Baseline	Projected	Baseline	Projected	
20. B. 263 - Tri-Marine Driveway Paving (2550100)	1002	Brown, James	Completed	\$80,000	05/15/18	A 05/15/18	06/13/18	A 07/16/18	100%	07/14/18	A 08/16/18	11/10/18	A 12/21/18	100%
21. Badger Avenue Bridge Miter Joints Purchase (2550800)	1002	Smith, Charles	Bid (Adv.) and Award	\$313,200	07/12/18	A 07/12/18	07/12/18	A 07/12/18	N/A	11/01/18	02/01/19	12/31/19	12/31/19	0%
22. B. 95 - Catalina Channel Express - Parking Improvements (2550900)	1002	Harne, Melissa	Design	\$250,000	09/10/18	A 09/10/18	03/08/19	03/08/19	2%	07/07/19	07/07/19	11/03/19	11/03/19	0%
23. B. 46 - Potable Water Pier Heads Installation (2551500)	1002	Hazelett, Phil	Construction	\$180,000	09/15/18	A 09/15/18	09/15/18	A 09/15/18	N/A	12/01/18	A 12/01/18	02/28/19	02/28/19	2%
24. Pacific Maritime Association (PMA) Lashing Training Station Project (2551700)	1002	Brown, James	Construction	\$287,000	10/31/18	A 11/07/18	10/31/18	A 11/07/18	N/A	11/01/18	A 11/08/18	02/27/19	02/27/19	20%
25. Cabrillo Beach Floating Dock Replacement (2552700)	1207	Orozco, David	Bid (Adv.) and Award	\$450,000	11/17/18	A 11/17/18	11/17/18	A 11/17/18	N/A	03/01/19	03/01/19	06/30/19	06/30/19	0%
26. B. 46 - 72 - Underwharf Pipeline Hangers Replacement (2553300)	1002	Hazelett, Phil	Planning	\$250,000	02/01/19	02/01/19	02/28/19	02/28/19	N/A	06/01/19	06/01/19	12/31/19	12/31/19	0%
27. 801 Reeves Ave - Fire Alarm Panel Replacement (2553500)	1002	Hazelett, Phil	Bid (Adv.) and Award	\$39,000	12/01/18	A 12/01/18	12/01/18	A 12/01/18	N/A	01/31/19	01/31/19	03/31/19	03/31/19	0%
28. B. 73 - Fender Pile Replacement and Camel Log Placement (2553700)	1002	Orozco, David	Construction	\$1,560,000	12/13/18	A 12/13/18	12/14/18	A 12/14/18	N/A	12/31/18	A 12/31/18	06/30/19	06/30/19	5%
MISCELLANEOUS PROJECTS TOTAL				\$21,419,279										
Unallocated Capital Improvement Program Fund														
1. Unallocated Capital Improvement Program Fund (190000)		Cardamone, Janie	Future	\$295,260,000	01/00/00	07/01/28	01/00/00	07/01/28	N/A	01/00/00	07/01/28	01/00/00	07/01/28	N/A
UNALLOCATED CAPITAL IMPROVEMENT PROGRAM FUND TOTAL				\$295,260,000										
MARITIME SERVICES TOTAL				\$356,444,905										
CIP TOTAL COST				\$2,027,309,557										

EXHIBIT "B"

SCOPE OF WORK

I. Detailed Scope of Services

Harbor Department Engineering Guidelines: Consultant acknowledges receipt, review and understanding of the City's Harbor Department's "Engineering Design Guidelines," and "CAD Manual" ("Guidelines") and shall perform this Scope of Work in accordance with Guidelines.

Task 1 - Project Management and Coordination

Consultant shall provide state-of-the-art project management services throughout the term of the Agreement. This project management effort shall be provided for the following processes: Project initiation, Project planning and scheduling, Project controls, Project execution, and Project administration and closing. Consultant shall deal with issues, including, but not limited to, Project integration, Project scope development, Project management, cost management, quality assurance and control issues, staffing requirements, Project communications, and Project risk management.

Consultant shall initiate, plan, execute, direct, control, and administer the Project by effectively organizing, staffing, directing, integrating, and coordinating the required Project Tasks and Subtasks. These services shall be performed in a professional fashion as per current project management principals, guidelines, and standards promoted by recognized project management organizations and institutions. This task includes the following:

Task 1.A - Project Management Plan

Consultant shall provide a detailed project management plan (PMP) including information on coordination with appropriate agencies to ensure timely completion of the Plans, Specifications (using SpecLink software and submitted in SpecLink format), Estimates (PS&E) packages. This plan shall include a schedule for milestone completion and an hourly breakdown for each task and subtask. The PMP shall be delivered within 30 days of the first Notice to Proceed issued under the Agreement.

Task 1.A - Deliverables

Consultant shall produce the original work product and ten copies or exact reproductions thereof of all deliverables submitted to the City. Deliverables may include, but are not limited to, drawings and/or plans, specifications, estimates, reports, records, reference material, data, charts, documents, renderings, computations, computer tapes or disks, and other items of any type whatsoever, whether in the form of writing, figures, delineation or electronic data prepared or compiled in connection with this Agreement.

1. Drawings produced by Consultant shall conform to the best standards of the profession in which the generator of the drawings practices. Information shall be organized in a logical, systematic manner, using the necessary number of drawings required to maintain clarity and completeness. Drawings and specifications shall fully delineate the work to be done and materials required. Dimensions, diagrams, descriptions, cross sections, and details shall demonstrate adequacy of design for review, permitting, bidding, and construction.
2. Reports shall be prepared on a word processor and hard copy submittals shall be on 8-1/2" X 11" size white paper unless otherwise approved by Engineer. Specifications shall be prepared using SpecLink software and submitted in SpecLink format. Specification hard copy submittals shall be on 8-1/2" X 11" size white paper unless otherwise approved by Engineer. Submittals shall be bound, except any final submittal intended solely for reproduction by City shall be unbound. Pages shall be numbered in the lower margin. Reports shall include a title page and table of contents with lists of exhibits, plates and appendices. Information shall be presented in a clear, logical, and organized manner which will facilitate review by the reader. Reports and studies shall be submitted in draft or preliminary form for review prior to the final submittal. Specifications shall be prepared in conformance with the format of the Construction Specifications Institute, unless Engineer otherwise directs.
3. Unless otherwise directed in writing, Consultant shall submit all deliverables, such as reports, drawings, specifications, designs, calculations, schedules and all work necessary to produce its deliverables, in an electronic format (AutoCad and/or PDF) acceptable to Engineer in addition to the hard copies. Consultant shall assure at the start of Project that its proposed method of electronic submittal to City is consistent with City's computer hardware, networking and software systems, including layering of information and the attachment of data files to the drawings. Pertinent data gathered during the course of the work will be entered into an electronic database (if required) acceptable to Engineer. In conjunction with the submittal of computer-generated calculations, Consultant shall document the appropriateness of the selected software to the task and clearly describe the input/output and default elements of the software and their relation to the Project.
4. Unless Engineer otherwise directs in writing, the drawings are to be electronically generated on a CAD (Computer Aided Drafting) system equal to or compatible by translation with the City's AutoCAD system. To enable drawing elements to be manipulated and translations to be efficient, all CAD-generated drawings shall be developed as dimensionally and geometrically precise models (to three decimal places) of the work depicted. For a CAD system other than AutoCAD, a translated representative sample (one sheet minimum of each discipline) must be included with each submittal. Consultant shall conform to the drafting standards, layering and symbology of City. Consultant will be apprised by City of its layering and symbology requirements prior to the start of work.

5. Signature and record drawing submittals shall be in electronic format as approved by Engineer as well as the original reproducible vellum. Each original drawing sheet shall be stamped and signed by an engineer or architect appropriately licensed to practice in the State of California.

Task 1.B - Suitability of Work and Consultant Cooperation

Consultant shall furnish, in accordance with the agreed upon schedule, a complete, practical, economical design, plans, specifications, and estimates (if such plans and specifications are within the scope of Consultant's work), and related corrections and changes which are best suited for the contemplated construction, and ensure all work is completed in accordance with this Agreement and with sound engineering principles and is signed and sealed by a licensed Professional Engineer and/or Architect, as appropriate. Consultant shall, upon request of the Engineer, provide all calculations, data, charts, and other information of any type whatsoever which support its designs or other work performed pursuant to this Agreement. Consultant may not assert as a basis for refusing to provide such information that it is proprietary. Consultant shall satisfy Engineer that design decisions are based on objective evaluation of the requirements of the facility owner and user, meet site-specific conditions, comply with Project construction cost budget, and minimize long-term operation and maintenance costs. Consultant is aware and agrees that the City has the right to submit the Consultant's work product to independent design reviewers. Consultant agrees to fully cooperate with such reviewers if City determines review is appropriate. Consultant's obligation to cooperate shall include the obligation to respond in an objective professional manner to requests for information, and, if expressly requested by Engineer, to enter into a dialogue with the reviewer regarding the comments of the reviewer on the work

Task 1.C - Quality Assurance/Quality Control Plan

In conjunction with the PMP, the Consultant shall also prepare a quality assurance/quality control plan (QA/QC Plan) for the Project, within 30 days of issuance of the first Notice to Proceed under this Agreement. The QA/QC Plan shall be prepared in accordance with minimum requirements of City's Harbor Department, recognized professional standards, and shall identify procedures for reviewing and checking computations, design drawings and other submittals specific to the design phase for both Consultant and Subconsultants. The plan shall also identify roles and responsibilities for implementing and monitoring quality control and quality assurance. As part of the Consultant's QA/QC Plan, Consultant Senior Staff shall perform independent review of all documents for completeness, technical accuracy, and coordination and code compliance at the end of each work phase prior to submittal of deliverables to Engineer.

Task 1.D - Prepare Project Schedule

Consultant shall develop a computerized critical path method schedule (CPM Schedule) using Microsoft Project. This schedule shall be created in close coordination with the Engineer or Engineer's designee. The initial schedule shall be submitted 30 days after the issuance of the first Notice to Proceed under this Agreement. The schedule shall initially focus on design phase activities, including significant milestones, permits, utility coordination and related Tasks, to allow for effective planning, monitoring and reporting throughout the Project. It shall combine activities related to cost, planning and design,

reviews, delivery, and approvals and shall provide uniform guidance for planning, scheduling, budgeting, and coordination efforts. Updates to the schedule should coincide with the monthly Project Development Team (PDT) Meeting, where reporting shall take place.

Task 1.E - Monthly Progress Status Reports and Schedule Updates

Consultant shall prepare monthly progress reports that include an update to the key milestone delivery schedule and percent completion of each task worked on during that period. Consultant shall maintain the CPM Schedule. The schedule will be reviewed in close coordination with Engineer. Each month a schedule shall be issued for Project progress meetings and other public meetings where Project status and the schedule may be an agenda item. The CPM Schedule shall also be updated each month to show progress.

Task 1.F - Project Development Team (PDT) Meetings

Consultant shall attend monthly PDT meetings with Project stakeholders throughout the term of this Agreement. Consultant's Project Manager shall attend each meeting. It is anticipated that various other members of the Project team, including Subconsultants, shall attend the meetings, as needed. Consultant shall prepare an agenda and distribute meeting minutes, as well as track design contract action items. Monthly progress reports shall be presented and discussed at this meeting.

Task 1.G - Subconsultant Administration

Consultant shall administer all Subconsultants on this Project. All Subconsultant requests for information, questions, clarifications, and invoices shall be processed through the Consultant.

Task 1.H - Meetings, Permits, and Utility Coordination

Consultant shall attend meetings, conferences, hearings and provide drawings, applications and exhibits necessary to obtain all required approvals, plan checks, permits, variances and utility services/modifications for the Project. Consultant shall determine regulatory agency approvals, plan checks, permits and variances necessary for Project's design and construction unless the Engineer otherwise directs in writing. Consultant shall prepare and deliver to Engineer, for review and comment, minutes of all meetings attended within three (3) working days after the meeting, whether or not City is represented at said meetings, if the subject of such meeting is material to design of Project or if Engineer requests such meeting minutes.

NOTE: Project Management and Coordination services and costs are included within all major scope of services Tasks (Tasks 2.0 – 10.0) and so are not broken out separately as Task 1.0.

Task 2 - Geotechnical Engineering Services

Consultant will investigate the soil and subsurface conditions at the project site, and provide geotechnical recommendations for design of the project. The geotechnical work shall include, but not necessarily be limited to the following:

A. Review and Analysis of Existing Information:

1. Collect and review existing geotechnical reports, boring logs and other geotechnical information from adjacent and nearby projects, as well as from previously performed geotechnical work in the Project area.
2. Review and represent the site geology on plan, section, and profiles. Summarize soil parameters as presented in existing data.
3. Inspect site to determine existing site conditions.

B. Field Investigation:

1. Following review of available geotechnical information, Consultant shall develop a geotechnical work plan, including determination of the number of borings, cone penetration tests (CPT) or other data acquisition and testing required for design of the Project.
2. Submit a boring plan indicating the location and depths of all borings and CPTs for approval by Engineer prior to sampling. Boring plan shall indicate substructures in the vicinity of the proposed borings.
3. Detailed planning of field investigation:
 - a. Arrange for and schedule drillers.
 - b. Make preparations for sample handling, transportation, and testing.
 - c. Locate test borings.
 - d. Locate utilities and other onsite interferences and mark location on the ground.
 - e. Obtain necessary permits.
 - f. Schedule field staff.
4. Perform borings and other fieldwork as necessary for the surface and subsurface investigation. As initial surface and subsurface investigation is accomplished and data is reviewed, Consultant shall adjust boring depths, locations, and number of borings and CPTs using prudent engineering judgment and considering subsurface conditions and project requirements and as approved by Engineer. CPT data shall be obtained during borings.
5. Borings in uncontaminated areas shall be backfilled with soil cuttings except CPTs will not be backfilled. Borings and CPTs in contaminated

areas shall be backfilled with grout. Contaminated drilling spoils shall be left on-site in drums for disposal by others.

C. Laboratory Testing:

1. Perform laboratory testing to include, but not necessarily be limited to the following:
 - a. Index testing:
 - i. Moisture content/dry density
 - ii. Specific gravity
 - iii. Atterberg limits
 - iv. Sand equivalent
 - v. Sieve analysis
 - vi. Resistivity
 - b. Consolidation tests with time plot.
 - c. Soil Strength tests:
 - i. Triaxial compression
 - ii. Direct shear
 - iii. Standard penetration test
 - d. R-value or CBR tests.
 - e. Compaction tests.
 - f. Chemical analysis:
 - i. pH
 - ii. sulfates
 - iii. chlorides

D. Prepare Soil Data Report:

1. Prepare narrative summary of the site soil conditions and soil parameters as developed from review of existing data, borings, and laboratory testing.
2. Prepare and draft boring logs using GINT program.
3. Prepare site soil plan, profile, and cross sections.
4. Prepare data report.

E. Geotechnical Analysis:

The geotechnical analysis shall be based on both the currently available geotechnical site information and the results of the new field investigation. The following items shall be addressed by the geotechnical analysis:

1. Provide seismic design requirements and recommendations based on Los Angeles Building Code criteria and considering the significance of the Palos Verdes Fault.
2. Foundation Analysis:
 - a. Develop recommendations for the foundations and/or bedding of structures, including retaining walls, vaults, storm drains and light poles considering local site conditions and recommended seismic requirements.
 - b. Prepare technical report.
3. Pavement Design:
 - a. Develop pavement section for roadway improvements based on adjoining property usage.
 - b. Provide R-values and CBRs of sub-grade for pavement design.
 - c. Prepare technical report.
4. General Grading:
 - a. Provide analyses and recommendations for the following:
 - i. Trench excavation, backfill and shoring
 - ii. Site grading, fill placement and compaction
 - iii. Subgrade preparation for foundations and footings of structures
 - iv. Bedding requirements for utilities and substructures
 - v. Dewatering
5. Corrosive Potential:
 - a. Determine soil corrosion potential and recommend protective measures for utilities and substructures.

F. Final and Draft reports:

The findings, conclusions and recommendations shall be discussed with City as they are developed. Upon completion of the work, Consultant shall submit five copies of the draft report containing the findings, conclusions and recommendations together with the supporting field and laboratory data for review by City. Consultant shall review and address City's comments, and submit ten copies of the final report to City.

G. Plans, Specifications, and Estimates Review:

Consult with designers during Preliminary and Final Designs as necessary to implement recommendations and review project plans, specifications and estimates for conformance with geotechnical recommendations.

Task 2 – Deliverables

- Meeting minutes
- Boring plan
- Obtain necessary permits
- Soil data reports
- Draft and final geotechnical reports

Task 3 - Conceptual Study and Report Phase

After issuance of the first written Notice to Proceed under this Agreement, Consultant shall perform Conceptual Study and Report for the Project. That work shall include but not necessarily be limited to the following:

- A. Visit the site and become familiar with the Project area;
- B. Review available survey, coordinate control information and record plans and use this material to establish site boundaries, locations of existing facilities, utilities (including utilities below grade) and existing grades. Provide a list of additional surveys required, which will be performed by the City's survey forces;
- C. Identify and analyze permits, approvals and requirements of local, state, and federal regulatory agencies, and coordinate with them as necessary for conformance with their requirements, rules and regulations;
- D. Coordinate work with adjacent projects, facilities and improvement;
- E. Develop detailed project design criteria and identify critical issues, opportunities and constraints. Prepare Design Criteria Manual to incorporate results of this work; and
- F. Prepare a report and documentation package presenting the results of the two (2) conceptual studies to clearly present the considerations involved and the alternative solutions available setting forth Consultant's findings, evaluations and recommendations. Document and recommend one preferred plan that best achieves the project design criteria.

Task 3 – Deliverables

- Preliminary Conceptual Study (Design Criteria Manual)
- Final Conceptual Study report
- Architectural exhibits/artist renderings
- Preliminary architectural plans
- Landscaping exhibit(s)
- Mechanical/electrical/ exhibit(s)
- Grading and surfacing exhibit(s)
- Utility and substructure exhibit(s)
- Construction phasing
- Refined design imagery
- Preliminary project construction cost estimates
- Preliminary project design and construction schedules

Task 4 - Preliminary Design Phase (40% Construction Plans)

- A. Upon completion of the conceptual study and report phase, selection of a preferred alternative by City, and issuance of a written Notice to Proceed from the Engineer, or written provisional Notice to Proceed with individual elements, Consultant shall perform the preliminary (40%) design.
- B. Plans shall include typical sections and details and illustrate the architectural, civil, structural, electrical and mechanical design aspects in sufficient detail to cover all matters, which will materially affect the essential features and cost of the Project.
- C. The preliminary design submittal shall include, but not necessarily be limited to, the following for all facilities:
 - 1. Architectural Plans
 - 2. Site plan showing coordination and relationships with overall site development
 - 3. Construction phasing plan
 - 4. Removal plan
 - 5. Substructure plan
 - 6. Civil design
 - 7. Structural design
 - 8. Mechanical/HVAC Design
 - 9. Plumbing design
 - 10. Electrical design
 - 11. Storm drain plans and details
 - 12. Landscape and hardscape design
 - 13. Striping and signage plan
 - 14. Utility plan

15. Site/Area lighting plan
16. Rail plan
17. Outline specifications for each discipline of work
18. Updated project cost estimate and schedule
19. Utility demand estimates
20. Perform all appropriate code coordination and review with applicable local, state, and federal agencies

Task 4 – Deliverables

Deliverables from this phase will provide a general overview of the entire proposed development not necessarily attempting to group the plans by anticipated construction contract sets. The deliverables will include:

- Preliminary architectural plans
- Preliminary site plan
- Preliminary construction phasing plans
- Preliminary removal plan
- Preliminary substructure plan
- Preliminary civil plans
- Preliminary structural plans
- Preliminary mechanical/electrical/plumbing plans
- Preliminary utility plans
- Preliminary landscape and hardscape plan
- Preliminary signing & striping plans
- Preliminary site/area lighting plans
- Preliminary rail plans
- Preliminary construction cost estimate
- Preliminary construction schedule
- Associated reports and analysis work
- Outline of specifications

Task 5 - Eighty-percent Construction Documents (80% DESIGN)

- A. Upon issuance of written Notice(s) to Proceed from the Engineer, proceed with 80% design of Project. This procedure is the same for the Final design.
- B. Preparation of plans, specifications, and estimates in sufficient detail to provide the information necessary for competitive construction contract bidding for Project.
- C. Permits and approvals:
 1. Perform all appropriate code coordination and review with all applicable local, state, and federal agencies.

2. Consultant shall complete applications, including necessary documentation, to obtain all permits and approvals for Project other than those that are required to be obtained by contractor(s). These applications shall be submitted to Engineer for review and approval prior to filing with appropriate agencies.
3. Permits/approvals for this project include but are not necessarily limited to the following:
 - a. City of Los Angeles, Department of Building and Safety
 - b. City of Los Angeles Department of Public Works
 - d. City of Los Angeles Fire Department
 - e. Federal Railroad Administration
 - f. California Public Utilities Commission
4. Changes in the plans, specifications, and estimates, including any changes required by a change in rules, regulations, or laws required to obtain final approval from said agencies shall be made by Consultant.
5. Consultant shall determine and obtain any other permits required by the local, state, and federal agencies for Project.

Task 5 – Deliverables

An 80% version of the following, grouped by contract set, will be provided to the City at the end of this design phase.

- Architectural plans
- Site plan
- Construction phasing plan
- Removal plan
- Substructure plan
- Civil plans
- Structural plans
- Preliminary mechanical/electrical/plumbing plans
- Utility composite plan
- Landscape and hardscape plans
- Signage and striping plans
- Site/area lighting plans
- Rail plans
- Updated construction estimates
- Updated construction schedule
- Associated reports and analysis work

- Calculations
- Specifications

Task 6 - Final Design Documents (100% DESIGN)

- Upon issuance of a written Notice to Proceed from the Engineer, or written provisional Notice to Proceed with individual elements, Consultant shall prepare the Final Design submittal and respond to and incorporate all comments received from the City and City Department of Building and Safety.
- Plans, specifications, and estimates shall be stamped and signed by an architect or engineer appropriately licensed to practice in the State of California.
- Submit to Engineer all construction quantities as well as structural, civil, electrical, mechanical, and any other calculations used in the design of the Project.
- Submit a detailed estimate of the cost based on the bid items and provide a Class "A" estimate.
- Submit a proposed construction schedule in sufficient detail for use by Engineer in evaluating the adequacy of contractor's scheduling submittal.

Task 6 - Deliverables

Final versions of the following contract sets consisting of plans, specifications and estimates are anticipated:

- Architectural plans
- Site plans
- Construction phasing plan
- Removal plan
- Substructure plan
- Civil plans
- Structural plans
- Mechanical/electrical/plumbing plans
- Utility composite plan
- Landscape and hardscape plans
- Signage and striping plans
- Site/area lighting plan
- Rail plans
- Updated construction estimates
- Updated construction schedules
- Associated reports and analysis work

- Calculations
- Specifications

Task 7 - Signature Submittal

- Following review and incorporation of comments of Engineer, original plans, specifications, and estimates, stamped and signed by an engineer or architect appropriately licensed to practice in the State of California, shall be submitted for signature by Engineer.
- The original drawings and two vellums drawings, electronic CAD files, unbound original specification, and two copies of final cost estimate and schedule shall be submitted.
- Submit to Engineer all final construction quantities as well as structural, civil, electrical, mechanical, and any other calculations used in the design of the Project.

Task 7 – Deliverables

- Original drawings
- Unbound original specifications
- Final cost estimate
- Final schedule
- Final quantities and calculations

Task 8 - Bidding Phase

Consultant will provide assistance to the City during the contract(s) advertising and award process to include the following:

- Assistance in pre-qualifying potential bidders
- Attendance at pre-bid meetings
- Reviewing and providing responses to bidder inquiries
- Preparing and issuing addendums as needed.
- Assistance in reviewing bids

Task 9 - Design Services during Construction

Consultant shall provide the following services in support of the City on-site construction management efforts.

A. Office Engineering:

1. Check detailed construction drawings, submittals, shop and erection drawings, and substitutions submitted by the project contractor for compliance with permits and plans, specifications, and estimates.
2. Review specific non-routing laboratory, shop, and mill test reports of materials and equipment as directed by the City.
3. Address requests for information ("RFI's") from the project contractor and Building and Safety inspectors.
4. Prepare record (as-built) drawings on original plans as per the data supplied by the Project contractor via the City's construction manager.

B. Field Engineering:

1. Make periodic visits to the site to observe the work in progress and provide appropriate reports, including attendance at selected weekly progress meetings.
2. Observe and report to the City on any performance test required by the plans and specifications.
3. Attend final inspections of project's completed construction contracts.

C. Structural Observation:

Consultant shall provide qualified personnel for observation of structural systems, for general conformance to the approved plans and specifications in conformance with all applicable codes.

This task includes a limited number of field trips at significant construction stages and at completion of the structural system. The structural systems include the lateral and/or gravity of load paths.

Task 9 - Deliverables

- Responses to RFIs
- Field reports and "punch lists"
- Reviewed shop drawings and submittals

Task 10 - Additional Design Services

The work includes, but is not limited to, technical studies, analysis, conceptual –final designs, and other engineering services as directed by the Engineer that relate to the Project.

KA/LMR:
Ex B – Scope of Work
8439SOW

EXHIBIT C

Form of Directive

Date

(Consultant)
(Consultant Address)
(City, State, Zip Code)

Attn: (Project Manager)

SUBJECT: DIRECTIVE NO. ____
PROJECT TITLE ____
AGREEMENT NO. ____

Pursuant to Section 2.2(a) of the subject Agreement No. ____, after receipt of a written Notice to Proceed signed by the Chief Harbor Engineer of the Construction Division, Consultant shall proceed with the following:

Task	Services	Authorized Amount
1	_____	\$_____ (Lump Sum)
2	_____	\$_____ (Not to Exceed)

Consultant shall provide all required tasks, services, and deliverables in accordance with Exhibit "A" to Agreement No. ____.

Consultant shall complete the work within ____ calendar days from the transmittal of a written Notice to Proceed.

When invoicing for the services covered by this Directive, please identify fees for this Directive as follows:

LAHD EWO No. _____	LAHD Job No. _____
LAHD Center No. _____	LAHD Program No. _____
LAHD Account No. _____	

Consultant shall undertake the following MBE/WBE/SBE/DVBE/OBE utilization in connection with its performance of this Directive:

MBE XX%, WBE XX%, SBE XX%, DVBE XX%, OBE XX%, VSBE XX%

Consultant acknowledges that the terms and conditions of Agreement No. _____ govern this Directive and that its signature below reflects its agreement with the terms and conditions of this Directive.

Please sign both original copies of this Directive. Retain one original for your files and return the other executed copy to this office immediately.

If you have any questions, please contact _____ at (310) 732-_____.

Sincerely,

Dave Walsh
Chief Harbor Engineer
Engineering Division

ACCEPTED:

APPROVED:

(Consultant Name)
Consultant

ANTONIO V. GIOIELLO
Deputy Executive Director

Date: _____

Date: _____

Exhibit "D"

Form of Notice to Proceed

(Date)

(Consultant)
(Consultant Address)
(City, State, Zip)

Attention: (Project Manager)

Subject: Notice to Proceed – Directive No. _____
Agreement No. _____
(Project Name)

This is to notify and direct you to commence performance of the subject Directive.
Enclosed is your set of the executed Directive documents.

If you have any questions, please contact _____ at (310) 732-_____.

Very truly yours,

Dave Walsh
Chief Harbor Engineer

Enclosure: Directive No. _____

EXHIBIT E

COMPENSATION

For those items of the Scope of Work for which compensation is payable in fixed fee amounts, payment to the Consultant shall be made in accordance with the compensation schedule as set forth in the project directive, and the percentage of completion of each phase of the Scope of Work, as determined and approved by the Engineer and based upon monthly progress reports submitted by the Consultant. Monthly progress payments shall be equal to the percentage of completion of each phase multiplied by the fixed fee payable for completion of each phase, less amounts previously billed.

For those items of the Scope of Work for which compensation is payable in not-to-exceed amounts, the Consultant shall be paid an hourly fee as defined in Section 5.2 of this Agreement, at the rates set forth in Exhibit "F" and in accordance with the compensation schedule as set forth in the Directive. The Consultant's monthly invoice shall itemize all hours actually worked in performing such services, identifying the personnel and sub-consultant classifications of individuals performing the Directive, and the applicable hourly rates, according to Exhibit "F."

Compensable amounts set forth on (i) an hourly basis, or (ii) on the basis of an estimated Fixed Fee subject to a not-to-exceed maximum, are estimated only. In the event that all necessary services required in any category described above are, in the judgment of the Engineer, fully performed by Consultant at a cost to City which is less than the amounts estimated and authorized hereunder, Engineer may apply the unexpended balance to compensate Consultant for services in any other category for which compensation was underestimated on either of these bases.

A 5% (five percent) mark-up payable to the prime Consultant shall be allowed for work performed by listed Subconsultants. This mark-up shall be considered payment in full for all necessary work performed by the listed Subconsultants.

EXHIBIT F

POLA ON-CALL ENGINEERING SERVICES SCHEDULE OF FEES September 26, 2019

Rates shown in this document will be fixed for the 3-year duration from the start date of the Agreement. Charges will be made at the following rates for time spent in professional, technical, inspection, and administrative services, including but not limited to project management, consultation, or meetings related to the project, conducting field inspections, sampling, evaluations, review, and analysis of field and laboratory data, report production and review, design, travel time.

I. PERSONNEL HOURLY RATES

Classification	Hourly Rate
Professional Staff	
Principal	\$276
Principal Project Manager	\$251
Senior Associate	\$236
Associate.....	\$215
Senior Professional 2	\$195
Senior Professional 1	\$164
Senior Designer	\$152
Technical Professional 3	\$138
Designer	\$126
Technical Professional 2	\$117
Engineer in Training 2	\$110
Engineer in Training 1	\$94
Technical Professional 1	\$89
CADD Operator/Drafter.....	\$78
Laboratory/Field Exploration Technician Staff	
Environmental/Field Exploration Technician	\$142
Administration	
Administrative Assistant	\$89

Time spent on projects in litigation, in depositions, and preparing for the same will be charged at the standard rate multiplied by 1.5 with a 4-hour minimum. Time spent providing expert witness testimony will be charged at the standard rate multiplied by 2, with an 8-hour minimum. Non-exempt technician time for work over eight (8) hours per day and Saturday will be charged at the standard rate multiplied by 1.5. Work required beyond the standard 6:00 a.m. to 5:00 p.m. typical hours will be billed at the standard rate multiplied by 1.25. Work performed that results in services extending beyond 12 hours in a 24-hour day will be billed out at 2 times the regular hourly rates presented herein. Work performed on holidays and Sundays will be billed out at 2 times the hourly rates presented herein. Amec Foster Wheeler Environment & Infrastructure, Inc.'s holidays are New Years Day, Memorial Day (recognized), Independence Day, Labor Day (recognized), Thanksgiving Day, the day after Thanksgiving Day, and Christmas Day or any other Union-recognized holiday. Should the holiday fall on a Saturday or Sunday, the holiday is recognized the day preceding that Saturday, or following that Sunday. Professional services will be billed at standard hourly rate for hours worked over 8 hours per day or 40 hours per week. Professional Staff (staff, project,

EXHIBIT F

and senior level) will be paid straight-time overtime for hours worked over 40 per week. Subcontract services outside of Wood Environment & Infrastructure Solutions, Inc., if required, will be charged at our cost multiplied by 1.05.

II. UNIT TESTING LABORATORY RATES

Soil Testing

	<u>Unit Price</u>
Atterberg Limits (ASTM D4318)	\$130
California Bearing Ratio (CBR) (ASTM D1883)	
Three Points.....	\$425
At Target Density & MC, 1 Point	\$185
Lime Treated Soil.....	Quoted Upon Request
Collapse Potential, 4 load increments (ASTM D5333)	\$150
Collapse Potential, additional loads	\$38
Compaction Test (ASTM D1557)	
Method A or B	\$195
Method C	\$220
Check point, all methods.....	\$85
Compaction Test (CTM 216)	\$200
Compressive Strength of Molded Soil-Cement	
Cylinders	
(ASTM D1633).....	\$125
Consolidated Drained Direct Shear Test (ASTM	
D3080)	
Per Point, speed ≥ 0.025 in/min	\$98
Per Point, speed < 0.025 in/min	\$135
Residual, per point, speed ≥ 0.025 in/min, five	
cycles.....	\$235
Residual, per point, speed < 0.025 in/min, five	
cycles.....	\$345
Remolding Specimen, add	\$60
Consolidation Tests	
10 load increments, 2 increments with timed	
readings	
(ASTM D2435, Method B)	\$265
Additional load increment	\$25
Additional increment with timed readings	\$50
Correction of Unit Weight and Water Content for	
Soil	

	<u>Unit Price</u>
Moisture Content (ASTM D 2216).....	\$20
Moisture Content and Density (ASTM D 7263	
Method B)	\$25
Moisture Content and Density, Shelby Tube (ASTM	
D7263	
Method B)	\$40
Moisture Content and Density, Water Displacement	
(ASTM D7263-Method A)	\$80
Organic Content (ASTM D2974)	\$85
Particle Size Analyses	
Wash Analyses, finer than #200 (ASTM D1140)	
\$60	
Sieve Only (ASTM D422/D6913)	\$100
Sieve and Hydrometer (ASTM	
D422/D6913/D7928)	\$200
Hydrometer Test Only (ASTM D422/D7928)	\$100
R-Value (ASTM D2844) (CTM 301)	\$250
Sand Equivalent (ASTM D2419) (CTM 217)	\$120
Shrinkage Factors by Wax Method (ASTM D4943)	
\$150	
Specific Gravity	
Passing #4 Sieve (ASTM D854).....	\$90
Retained on #4 Sieve (ASTM C127).....	\$120
Swell/Collapse, (ASTM D4546, Method A).....	\$280
Swell/Collapse, (ASTM D4546, Method B)	\$140
Swell/Collapse, (ASTM D4546, Method C).....	\$150
Triaxial Compression Tests	
Unconsolidated-Undrained, per point (ASTM	
D2850).....	\$135
Consolidated-Undrained, per point (up to 2.8-	
inch	
diameter) (ASTM D4767).....	\$350
Consolidated-Undrained, per point (up to 4-inch	

EXHIBIT F

Containing Oversize Particles (ASTM D4718). \$60	
Corrosion Testing	
pH, Resistivity, Chloride, Sulfate (CTM 417,422,643)	\$245
Expansion Index (ASTM D4829)	\$140
Hydraulic Conductivity-Flexible Wall Permeameter (ASTM D5084)	
Up to 2.8-inch Diameter	\$250
4-inch Diameter	\$350
Daily Charge after 5 days	\$30

Rock Testing

	<u>Unit Price</u>
Cerchar Abrasion (ASTM D7625)	\$160
Direct Tensile Strength (ASTM D2936) including up to 4-inch-diameter core	\$550

Concrete

	<u>Unit Price</u>
Compression Test	
6x12 or 4x8 Cylinder (ASTM C39) (CTM 521)	\$32
Core (ASTM C42)	\$53
Density of Lightweight Concrete, (ASTM C567)	\$85
Direct Tensile Strength (Modified ASTM D2936) (up to 6 inch dia.)	\$225
Flexural Beam, (ASTM C78) (CTM 523)	\$65
Length of Concrete Cores, (ASTM C174) (CTM 531)	\$55
Modulus of Elasticity, wet or dry (ASTM C469)	\$165

Masonry

	<u>Unit Price</u>
Compression Test	
Block (ASTM C140), per 3 unit set	\$210
Mortar, Cube or Cylinder	\$25
Grout (ASTM 1019)	\$40
Core	\$60
Masonry Prism, (ASTM C1314)	
Full Size (8x16x16)	\$190
Half Size (8x16x8)	\$165

Aggregate

	<u>Unit Price</u>
Cleanness Value (CTM 227)	\$80
Durability (CTM 229), per size fraction	\$155

diameter) (ASTM D4767)	\$700
Unconfined Compression (ASTM D2166)	\$125
Remolded sample 2 to 3 inch diameter	\$60
Sample Handling, delivered not tested, each	\$4

	<u>Unit Price</u>
Point Load Strength (ASTM D5731 or ISRM test)	\$100
Unconfined Compression (ASTM D7012) Method D	\$150

	<u>Unit Price</u>
Unit Weight, Absorption, Voids, (ASTM C642).	\$85
Shotcrete Panel Coring (panel delivered to lab)	
Coring, 2 inch to 6 inch diameter, each	\$35
Splitting Tensile Strength, (ASTM C496)	\$65
Concrete Mix Design or Mix Design Review	
Each	Quote on Request
Onsite Mobile Testing Lab	Quote on Request

	<u>Unit Price</u>
Shear (CBC)	\$70
Linear Shrinkage, (ASTM C426), per 3 unit set	\$270
Conformance Package (ASTM C90) (excluding linear shrinkage, 6 units)	\$565
Conformance Package (ASTM C90) (including linear shrinkage, 9 units)	\$840

	<u>Unit Price</u>
Soundness by Sodium Sulfate/Magnesium Sulfate (ASTM C88) (CTM 214), per size fraction	\$145

EXHIBIT F

Flat &, or Elongated (ASTM D4791)	\$200
Fractured Particles (ASTM D5821) (CTM 205) ..	\$200
Lightweight Pieces (ASTM C123)	\$600
Los Angeles Rattler (ASTM C131) (CTM 211)....	\$260
Moisture Content in Aggregates (CTM 226)	\$30
Organic Impurities (ASTM C40) (CTM 213)	\$95
Sand Equivalent (ASTM D2419) (CTM 217)	\$120
Sieve Analysis (ASTM C136) (CTM 202)	

Coarse Aggregate	\$120
Fine Aggregate (including wash)	\$125

Asphalt Concrete

	<u>Unit Price</u>
% Asphalt Content by Ignition, (ASTM D6307) (CTM 382),	\$125
Aggregate Gradation after ignition (ASTM D5444) \$180	
% Asphalt Content and Gradation, (ASTM D5444/D6307) (CTM 382)	\$280
Unit Weight Requiring Compaction (CTM 308)	\$175
Unit Weight Compacted Core Sample (CTM 308)	\$60
Unit Weight, Paraffin Coated Sample	\$85
Maximum Theoretical Specific Gravity (ASTM D2041) (CTM 309)	\$195

Spray-Applied Fireproofing

	<u>Unit Price</u>
Adhesion/Cohesion (ASTM E736)	\$25

Mechanical Testing

	<u>Unit Price</u>
Reinforcing Bar UP to No. 9 (Tensile, Yield, Elongation)	\$63
Reinforcing Bar UP to No. 14 (Tensile, Yield, Elongation)	\$98
Reinforcing Bar UP to No. 18 (Tensile, Yield, Elongation)	\$160
Mechanical Coupler Testing (Tensile, Yield, Slippage & Sample Preparation)	\$173
High Strength Bolts Hardness of Bolt, Washer, or Nut, each	\$25

Specific Gravity

Coarse Aggregate (ASTM C127) (CTM 206)	\$120
Fine Aggregate (ASTM C128) (CTM 207/208)	\$125
Unit Weight (ASTM C29)	\$60
Unit Weight with Air Voids (ASTM C29)	\$200
Rock Crushing, \$5 per pound, minimum \$250 per sample	\$6/pound
Sample Pulverizing, dependent on material and finish size	Quote on Request

	<u>Unit Price</u>
Stability Test – Marshall (D6927), avg of 3, unit weight & flow	\$275
Hveem Stabilometer (CTM 304)	\$260

Wet Track Abrasion (ASTM D3910) (ISSA TB110), set of 3	\$215
Gyratory Compaction (AASHTO T312)	\$210
Hamburg Wheel Track (AASHTO T324)	\$790
Asphalt Concrete Mix Design or Mix Review	Quoted on Request

	<u>Unit Price</u>
Density (ASTM E605)	\$45

	<u>Unit Price</u>
Fillet Weld Break Test	\$94
Charpy Impact: Ambient Temperature, per set of 3 \$72	
Charpy Impact: Ambient -100°F, per set of 3	\$105
Charpy Impact: -101°F to -320°F	Quoted Upon Request
Charpy Individual Specimens for Transition Curve	Quoted Upon Request
Additional Charge for Reporting Percent Shear, per set	\$27

EXHIBIT F

Bolt Assembly Standard Wedge Tensile	\$55
Nut Proof Testing.....	\$45
Bolt Proof Testing	\$50
Tensile Testing (ultimate strength only)	
Flat Bar Reduced Section.....	\$88
Round Bar Reduced Section 0.505" Diameter	\$88
Round Bar Reduced Section, sub-size	\$61
Yield Strength Testing (by extensometer).....	\$61
Tensile, Full Section Tube.....	\$83
Bend Test.....	\$63

Metallurgical Testing

	<u>Unit Price</u>
Fasteners	Quoted Upon Request
Micro Etch (including mounting, polishing and etching).....	\$165
Field Metallography & Replica Production Test Kits, per day	\$35
Photomacrograph or Photomicrograph from Prepared	
Macro or Micro Specimen	\$60
Additional Photographic Prints, each.....	\$20
Portable Microscope, per day	\$110

Concrete and Aggregate Specialized Testing

	<u>Unit Price</u>
Petrographic Analysis of Hardened Concrete (ASTM C856).....	\$1,460
Air Content and Air Void Parameters of Hardened Concrete (ASTM C457)	\$545
Petrographic Analysis of Processed Coarse Aggregate (ASTM C295).....	\$1,460
Petrographic Analysis of Processed Fine Aggregate (ASTM C295).....	\$1,460

Concrete Non-Destructive Testing

	<u>Unit Price</u>
Rebound Hammer Testing, per hour	\$110
Locate Reinforcing Steel using Magnetic or Eddy Current Methods, per hour	\$110
Low Frequency Ultrasonic Testing, per day (plus hourly	

Additional Charge for Reporting Mils Lateral Expansion, per set	\$27
Rockwell Hardness, per set of 3	\$53
Sample Preparation (as required).....	\$53
Bearing Pad Tests	Quoted Upon Request
Special Tests.....	Quoted Upon Request
Seven Strand Wire, Tensile and MOE (ASTM A416) \$250	
Seven Strand Wire, Tensile only.....	\$185
General Machining Charge, per hour	\$120
Rush Turnaround, 48 – 72 Hours,	1.5 x Unit Price
Rush Turnaround, 8 – 48 Hours,	2.0 x Unit Price

	<u>Unit Price</u>
Macro Etch, Etch, Weld Cross-Section or Parent Metal	
Carbon Steel.....	\$165
Stainless Steel	\$165
Other Metals	\$165
Sample Preparation for Chemical Analysis	\$30
General Machining Charge, per hour	\$120
Chemistry.....	Cost+20%
Rush Turnaround	Quoted Upon Request

	<u>Unit Price</u>
Petrographic Analysis of Un-Processed Aggregate (ASTM C295).....	Quote
Examination of Hardened Masonry Mortar (ASTM C1324)	\$1,260
PLM Analysis, per hour	\$280
Scanning Electron Microscopy, per hour	\$890

	<u>Unit Price</u>
Impact Echo Testing, per day (plus hourly labor charges).....	\$220
Penetrating Radar Survey, per day (plus hourly labor charges).....	\$445

EXHIBIT F

labor charges)\$220
Hourly labor rate varies depending on the
applicationVaries

Penetrating Radar Labor, per hour\$220
Cross Hole Sonic Testing, per day (plus Hourly
labor
charges).....\$345
Cross Hole Sonic Labor, per hour\$220

Concrete Chemical, Analytical, and Reactivity Testing

	<u>Unit Price</u>
pH of Concrete.....	\$35
Cement Content of Hardened Concrete (ASTM C1084)	\$635
Chloride Content, Water Soluble (ASTM C1218) \$100	
Water-Extractable Chloride in Aggregates (C1542) \$205	
Potential Reactivity of Aggregates (ASTM C289) \$1,260	
Potential Reactivity of Aggregates (ASTM C1260) \$1,010	
Potential Reactivity of Aggregates (using combinations of cementitious materials, ASTM C1567)....	\$965

	<u>Unit Price</u>
Potential Reactivity of Cement-Aggregate Combinations, 12 month testing period (ASTM C227)	\$3,150
Additional 6 Month Testing Periods, each	\$1,260
Potential Reactivity of Carbonate Rocks (ASTM C856)	\$890
Freeze Thaw Durability, ASTM C666.....	\$720

Laboratory Hours, Rush Service, and Cancellation Charge

The lab is open Monday through Friday 7:00 a.m. to 4:00 p.m. Off hours testing will be charged at 1.5 x Unit Price, Monday through Friday, and 2.0 x Unit Price, weekends and holidays. A minimum charge of \$450 will apply to testing on weekends and holidays.

Typical testing turnaround is 7 to 10 business days. Rush service not already listed above will be charged as follows;

For soil, rock, concrete, masonry, aggregate, asphalt concrete, and fireproofing, rush service during normal business hours will be charged at 1.5 x Unit Price.

Cancellation of testing on samples that have been received and prepared for testing will incur a minimum charge of 50% of Unit Price.

Sample Disposal

Remaining portions of tested soil samples and any untested soil samples will be disposed after 30 days without notification.

Untested concrete, grout and mortar samples will be disposed of immediately after tests showing conformance to job requirements.

3QC Current Hourly Rates

POSITION	RATE
Principal	225.00
Commissioning Authority	215.50
Commissioning Agent	213.00
Commissioning Provider	205.00
Sr. Project Manager	199.00
Project Manager	189.50
Staff Engineer	183.50
Commissioning Tech II	151.50
Commissioning Tech I	138.50
Low Voltage Cx Provider	195.00
Fire Protection Cx Provider	219.00
LEED Consultant	195.00
Sr. Administrator	92.00
Administrator	75.00

As requested:

- Rates provided are “all-inclusive” and include, but are not limited to, costs of labor, including salaries, benefits, taxes and general administrative expenses.
- Rates will remain the same for the duration of the contract (2019-2022) unless modified by the Cost of Living Adjustment.

EXHIBIT F



PRICE QUOTE FOR

WOOD

Pricing as of January 1, 2019 thru December 31, 2022

*Due to prices fluctuating please call to verify - prevailing wage labor rates to be adjusted July 1st of every year per the determination rates.

Description	Rate	Qty
EQUIPMENT		
TYPE I BARRICADE W/SIGN	\$ 1.32	Day
TYPE I BARRICADE W/SIGN AND W/LIGHT	\$ 1.65	Day
TYPE III BARRICADE W/SIGN	\$ 3.52	Day
TYPE III BARRICADE W/SIGNS & LIGHTS	\$ 3.58	Day
NOTICE SIGN (7-DAY) "NOTICE - ROAD CONSTRUCTION...." (SC6 - SIGNS)	\$ 6.60	Day
FLAGSTAND W/SIGN	\$ 3.85	Day
CONES - 28" 7LB CONE WITH REFLECTIVE	\$ 0.61	Day
DELINEATORS SINGLE BASE	\$ 0.52	Day
DELINEATORS DOUBLE BASED	\$ 0.63	Day
STOP/SLOW PADDLE	\$ 1.65	Per/Day
WATER BARRIER (\$5/DAY \$75/MONTH -excludes water to fill)	\$ 5.00	Day/Each
LARGE EQUIPMENT		
ARROWBOARD - \$50/DAY \$200/WEEK \$500/MONTH	\$ 50.00	Day
CMS BOARD - \$190/DAY \$550/WEEK \$1200/MONTH	\$ 190.00	Day
LIGHT TOWER - \$95/DAY \$350/WEEK \$800/MONTH +fuel TBD	\$ 95.00	Day
FLAGSTAND BEACON \$30/DAY \$100/WEEK \$400/MONTH	\$ 30.00	Day
WORK LIGHT & GENERATOR (Plus fuel TBD)	\$ 66.00	Day/Each
SMART FLAGGER UNITS (INCLUDES 2) - PLUS LABOR RATE & TRUCK BELOW	\$ 40.00	Per/Hour
LABOR		
EMERGENCY CALL OUT @ PREVAILING WAGE	\$ 120.21	Hourly
PER DIEM - PER TECH	\$ 285.00	Day/Each
LABOR - PREVAILING WAGE - STANDARD (Per Tech) *	\$ 93.20	Hourly
LABOR - PREVAILING WAGE- OVER TIME (Per Tech)-(NIGHT WORK / SATURDAY WORK) *	\$ 120.21	Hourly
LABOR - PREVAILING WAGE - DOUBLE TIME (Per Tech) *	\$ 138.02	Hourly
LABOR -NON PW - STRAIGHT TIME (Per Tech)	\$ 73.14	Hourly
LABOR - NON PW- OVER TIME (Per Tech) (NIGHT WORK / SATURDAY WORK)	\$ 104.94	Hourly
LABOR - NON PW - DOUBLE TIME (Per Tech)	\$ 125.08	Hourly
LABOR -PORTAL TO PORTAL - STRAIGHT TIME (Per Tech)	\$ 50.00	Hourly
LABOR - PORTAL TO PORTAL- OVER TIME (Per Tech) (NIGHT WORK / SATURDAY WORK)	\$ 75.00	Hourly
LABOR - PORTAL TO PORTAL - DOUBLE TIME (Per Tech)	\$ 100.00	Hourly
DELIVERY Zone 2 (Within 10-30 miles from ACZ - Corona, CA) - Per truck	\$ 64.20	Each
DELIVERY Zone 3 (31-60 miles from ACZ - Corona, CA) - Per truck	\$ 96.30	Each
DELIVERY Zone 4 (61-90 miles from ACZ - Corona, CA) - Per truck	\$ 128.40	Each
PICKUP Zone 2 (Within 20 miles from ACZ - Corona, CA) - Per truck	\$ 64.20	Each
PICKUP Zone 3 (21-60 miles from ACZ - Corona, CA) - Per truck	\$ 96.30	Each
PICKUP Zone 4 (61-90 miles from ACZ - Corona, CA) - Per truck	\$ 128.40	Each
TRUCKS		
TRAFFIC CONTROL TRUCK - ZONE 1 & 2 (Corona & Within 10-30 miles from ACZ - Corona, CA)	\$ 96.30	Day/Each
TRAFFIC CONTROL TRUCK - ZONE 3 (31-60 miles from ACZ - Corona, CA)	\$ 144.45	Day/Each
TRAFFIC CONTROL TRUCK - ZONE 4 (61-90 miles from ACZ - Corona, CA)	\$ 192.60	Day/Each
TRAFFIC CONTROL TRUCK - ATTENUATOR TRUCK - DAILY RATE (+Driver Labor TBD)	\$ 417.00	Day
TRAFFIC CONTROL TRUCK - ATTENUATOR TRUCK - WEEKLY RATE (+Driver Labor TBD)	\$ 1,320.00	Per/Week
TRAFFIC CONTROL TRUCK - ATTENUATOR TRUCK - MONTHLY RATE (+Driver Labor TBD)	\$ 3,960.00	Per/Month
MILEAGE (TO BE REIMBURSED PER FEDERAL RATES)	\$ 0.81	Per/Mile
TRAFFIC PLANS		
TRAFFIC CONTROL PLANS - TYPICALS (Not specific detail - No Stamp)	\$ 100.00	Per/Sheet
TRAFFIC CONTROL PLANS - COVER SHEET	\$ 100.00	Per/Sheet
TRAFFIC CONTROL PLANS DRAWING ONLY	\$ 350.00	Per/Sheet
TRAFFIC CONTROL PLANS W/ CIVIL STAMP	\$ 650.00	Per/Sheet
TRAFFIC CONTROL PLANS W/ TRAFFIC STAMP	\$ 950.00	Per/Sheet
TRAFFIC CONTROL PLANS COVER SHEET - LADOT	\$ 265.00	Per/Sheet
TRAFFIC CONTROL PLANS DRAWING ONLY - LADOT	\$ 515.00	Per/Sheet
TRAFFIC CONTROL PLANS W/ CIVIL STAMP - LADOT	\$ 815.00	Per/Sheet
TRAFFIC CONTROL PLANS W/ TRAFFIC STAMP - LADOT	\$ 1,415.00	Per/Sheet
PLAN HOUR (Submittal to City/County/Caltrans for approval)	\$ 93.50	Hourly
PLAN HOUR O/T (Submittal to City/County/Caltrans for approval)	\$ 140.25	Hourly

Fuel surcharge will apply per truck/delivery, not to exceed 8% of charge.

After hours and weekend jobs are subject to additional fees. Damaged or stolen equipment to be reimbursed by customer.

Confidential Pricing - For use only by Wood only.

EXHIBIT F

Expires: 12-31-22

Analysis	Methodology	Standard TAT
		5 business days
		COB
Organics Analyses	Methodology	Unit Price
Total Petroleum Hydrocarbons (TPH) as Gasoline Range Organics (GRO)	EPA 8015B, EPA 8015B/5035A/5030B	\$30.00
Total Petroleum Hydrocarbons (TPH) as JP-4	EPA 8015B, EPA 8015B/5035A/5030B	\$30.00
Total Petroleum Hydrocarbons (TPH) - GRO + BTEX	EPA 8015B/8021B or 8260B	\$51.00
Total Petroleum Hydrocarbons (TPH) as Diesel Range Organics (DRO) and/ or Motor Oil (MRO)	EPA 8015B	\$42.00
Total Petroleum Hydrocarbons (TPH) as Stoddard Solvent or JP-5	EPA 8015B	\$42.00
Total Petroleum Hydrocarbons (TPH) Carbon Chain ID (C8-10, C10-18, C18-28, C28-36, C36-40, Total C8-C40)	EPA 8015B	\$42.00
Total Petroleum Hydrocarbons (TPH) Carbon Chain ID - Custom Breakdown (C4-40)	EPA 8015B	\$66.00
Methanol and/or Ethanol or Glycols	EPA 8015M	\$66.00
BTEX / MTBE by GC/MS (Aromatic Volatile Organics)	EPA 8260B	\$42.00
Volatile Organic Compounds (Ketones upon request)	EPA 8260B	\$66.00
Volatile Organic Compounds + GRO by GC/MS	EPA 8260B	\$81.00
1,2,3-Trichloropropane SIM	EPA 8260B	\$66.00
PCBs	EPA 8082	\$60.00
Organochlorine Pesticides	EPA 8081A	\$60.00
Organophosphorus Pesticides	EPA 8141A	\$120.00
*Chlorinated Herbicides	EPA 8151	\$120.00
Semivolatile Organic Compounds	EPA 8270C	\$132.00
1,4-Dioxane (by modified isotope dilution technique)	EPA 8270C	\$132.00
NDMA	EPA 8270 SIM	\$132.00
PNA's/PAH's (Polycyclic Aromatic Hydrocarbons)	EPA 8270 SIM	\$132.00
PNA's/PAH's (Polycyclic Aromatic Hydrocarbons)	EPA 8310	\$132.00
*Dioxins and Furans (15-day TAT)	EPA 8290	\$600.00
Total Recoverable Petroleum Hydrocarbons (TRPH)	EPA 1664 HEM/SGT	\$42.00
Oil & Grease	EPA 1664-HEM	\$36.00
Total Organic Carbon (water)	SM 5310B	\$42.00
Total Organic Carbon (soil)	EPA 9060	\$84.00
*Total Organic Halogens (TOX) or Extractable Organic Halides	EPA 9020	\$144.00
VOC Sampling Kits	Methodology	Unit Price
Terracore Kit - 3 Preserved VOA Vials and 1 Plastic Syringe	EPA 5035	\$15.00
Gencore "Generic Encore" Sampling Capsule (1)	EPA 5030	\$6.00
Encore Sampling Capsule (1)	EPA 5030	\$12.00
Encore/ Gencore Sampling Handle Rental - Cost Per Week	EPA 5030	\$18.00
Encore/ Gencore Sampling Handle - Purchase	EPA 5030	\$144.00
Air Toxics	Methodology	Unit Price
Volatile Organic Compounds	EPA TO-15	\$126.00
Volatile Organic Compounds (8260 Target Analyte List)	EPA TO-15	\$126.00
Volatile Organic Compounds + GRO	EPA TO-15	\$150.00
Volatile Organic Compounds (Ultra-low level)	EPA TO-15 SIM	\$126.00
Volatile Organic Compounds	EPA TO-14	\$114.00
TVPH as Gasoline	EPA TO-3	\$90.00
TVPH as Gasoline/BTEX	EPA TO-3	\$102.00
TVPH as Gasoline/BTEX/MTBE	EPA TO-3	\$114.00
Dissolved gases in water - Ethane, Ethene, Methane	RSK-175	\$78.00
Dissolved gases in water - Ethane, Ethene, Methane + CO ₂	RSK-175	\$78.00
6 Liter Canister Rental - Batch Certification		\$36.00
6 Liter Canister Rental - Individual Certification		\$60.00
1.4 Liter Canister Rental - Batch Certification		\$24.00
1.4 Liter Canister Rental - Individual Certification		\$42.00
Tedlar Bag - 1 li / Bottle Vac		\$18.00
Flow Controller Rental -specify flowrate/sampling time		\$18.00
Metals Analyses	Methodology	Unit Price
Sample Prep for AA / ICP / ICPMS metals	EPA 3010A/3050B	\$3.90
Sample Prep for Mercury, Chromium VI	EPA 7471A/7470A/3060	\$3.90
Filtration for Dissolved Metals		\$2.40

EXHIBIT F

Expires: 12-31-22

Analysis	Methodology	Standard TAT
		5 business days
		COB
AA / ICP Individual Metals	EPA 6010B/7000/200.7/3111B	\$11.10
ICP Group Metals (5-7 Metals) - Includes Digestion	EPA 6010B	\$49.20
ICP Group Metals (8-14 Metals) - Includes Digestion	EPA 6010B	\$62.40
ICP Group Metals (15 or More Metals) - Includes Digestion	EPA 6010B	\$69.00
RCRA 8 Metals - Includes Mercury	EPA 6010B/7470A/7471B	\$64.20
CAM 17 metals (Title 22 Metals) - Includes Digestion	EPA 6010B/7470A/7471B	\$75.00
Custom CAM 17 (Only As+TI by 6020) - Includes Digestion	EPA 6010B/6020/7470A/7471B	\$99.00
ICPMS Individual Metals	EPA 6020/200.8	\$15.00
ICPMS Group Metals (5-7 Metals) - Includes Digestion	EPA 6020/200.8	\$69.00
ICPMS Group Metals (8-14 Metals) - Includes Digestion	EPA 6020/200.8	\$75.30

EXHIBIT F

Expires: 12-31-22

Analysis	Methodology	Standard TAT
		5 business days
		COB
ICPMS Group Metals (15 or More Metals) - Includes Digestion	EPA 6020/200.8	\$85.50
Mercury by CVAA (PREP NOT INCLUDED)	EPA 7470A/7471B/245.1	\$15.00
Hexavalent Chromium (colorimetric) (PREP NOT INCLUDED)	EPA 7196A	\$48.00
Hexavalent Chromium by IC* (PREP NOT INCLUDED)	EPA 7199 or 218.6	\$66.00
Ion Chromatography	Methodology	Unit Price
Anion Scan	EPA 300.0	\$54.00
Single Ion (Bromide, Chloride, Fluoride, Nitrate, Nitrite, Orthophosphate, Sulfate)	EPA 300.0	\$18.00
Perchlorate	EPA 314.0	\$45.60
Inorganics Analyses	Methodology	Unit Price
*Acidity	SM 2310B(4a)	\$18.00
*Alkalinity	SM 2320B	\$18.00
*Asbestos PLM	OSHA Method ID-191	\$8.40
*Biochemical Oxygen Demand	SM 5210B	\$48.00
Chemical Oxygen Demand	EPA 410.4	\$48.00
*Chloride	SM 4500-Cl-C	\$32.40
*Chlorine, Total Residual	SM 4500-Cl-B/4500-Cl-G	\$32.40
Cyanide	SM 4500-CN G	\$46.80
*Fluoride, Total	SM 4500-F C	\$27.00
*General Mineral Analyses	Various	\$198.00
*Hardness, Total	SM 2340 C	\$21.60
Mercaptans	LACSD	\$118.80
Nitrogen, Ammonia	SM 4500-NH ₃ C	\$46.80
*Nitrogen, Nitrate-Nitrite	SM 4500-NO ₃ E	\$36.00
*Nitrogen, Nitrite	SM 4500-NO ₂ B	\$36.00
*Nitrogen, Total Kjeldahl	SM 4500NH ₃ C	\$54.00
*MBAS, Surfactants	SM 5540C	\$90.00
Moisture, Percent	ASTM D2216	\$14.40
Oxygen, Dissolved	SM 4500-O G	\$21.60
Paint Filter Test	EPA 9095	\$18.00
pH	SM 4500-H+ B/9045	\$10.80
Phosphorus, Total	365.3/SM 4500-P E	\$42.00
Salinity	SM 2520B	\$21.60
Solids, Total Dissolved	SM 2540 C	\$14.40
Solids, Total Suspended	SM 2540 D	\$14.40
Solids, Total	SM 2540 B	\$14.40
Solids, Volatile	EPA 160.4	\$27.00
Solids, Settleable	SM 2540 F	\$14.40
Specific Conductance	EPA 120.1	\$14.40
*Sulfate	EPA 375.4	\$32.40
Sulfide, Total or Dissolved - Water	SM 4500-S-2 D	\$39.60
Sulfide, Total - Soil	SM 4500-S-2 D(M)	\$46.80
Turbidity	EPA 180.1	\$14.40
Hazardous Waste Analyses	Methodology	Unit Price
Ignitability	EPA 1010	\$66.00
*Ignitability - solids	EPA 1030	\$144.00
Corrosivity (pH)	EPA 9045C	\$14.40
Reactivity (Cyanide and Sulfide)	Title 22	\$50.40
Specialty Prep Methods	Methodology	Unit Price
**STLC/TCLP/SPLP Bottle Extraction (TAT+2 Bus.Days Prep)	Title 22/EPA WET/1311/1312	\$38.40
**STLC/TCLP/SPLP ZHE Extraction (TAT + 2 Bus. Days Prep)	Title 22/EPA WET/1311/1312	\$45.60
Alumina Cleanup	SW 3610	\$21.60
Florisil Cleanup	SW 3620	\$14.40
Silica Gel Cleanup	SW3630	\$12.00
Other Stationary Lab Services	Methodology	Unit Price

EXHIBIT F

Expires: 12-31-22

Analysis	Methodology	Standard TAT
		5 business days
		COB
Soil Composite of 4 oz Jars (up to 4:1)		\$9.60
Water Composite of 1L Bottles (up to 4:1L)	Title 22/EPA WET/1311/1312	\$28.80
Dry Weight/ Percent Moisture as an Add-On Analysis	ASTM D2216	\$6.00
Top 10 Tentatively Identified Compounds (TIC's)	EPA 8260 or 8270	\$24.00
Mobile Laboratory Services	Methodology	Unit Price
8 Hour Site-Day for Soil Vapor, Soil, Water - Mobilization Only	8260B Certified by DoD	\$1,320.00
Price Per Sample (10 Sample Minimum)	8260B	\$144.00
8 Hour Site-Day for Soil or Water - Mobilization Only	8260B Certified by Ca ELAP	\$1,020.00
Price Per Sample (10 Sample Minimum)	8260B	\$102.00
Cost Per Mile		\$1.20
Cost Per Hour of Travel		\$54.00
Per Diem Expenses Billed at Rate that Consultant Pays Its Staff		
Field Sampling Services - Air/ Soil Vapor	Methodology	Unit Price
Grab Sampling		\$90/ Hr
Indoor/ Ambient Air Composite Sampling		\$90/ Hr
Sub-Slab/ Multi-Nested Wells		\$90/ Hr
Helium Shroud Rental (Per Unit)		\$90.00
Cost Per Mile		\$1.80
Cost Per Hour of Travel Time		\$60.00
Field Sampling Services - Soil/ Wastewater Discharge	Methodology	Unit Price
Grab Sampling - Soil or Water		\$80/ Hr
ISCO 24 Hr Composite Sampling Package (Incl. Travel, Set-up, Sample Collection, and Disassembly)		\$186.00
ISCO Composite Sampler - Rental (Pick-Up Only)		\$132.00
Cost Per Mile for Sampling		\$1.20
Cost Per Hour of Travel Time for Sampling		\$60.00
TAT SURCHARGE SCHEDULE		
Level 0	Level 1	Level 2
Emergency Same Business Day/ Weekend/ Holiday/ Overtime	1 Business Day (COB)	2 Business Days (COB)
200% (\$650 Min. Charge)	75%	50%
Level 3	Level 4	Level 5
3 Business Days (COB)	4 Business Days (COB)	5 Business Days (COB)
35%	25%	0%
PAYMENT TERMS		
EARLY PAY DISCOUNT		LATE PAY FEE
% Discount	% Discount	Interest / Month
< 30 Days	30 - 59 Days	90+ Days
2%	1.0%	0.833% / Mo
* DISCOUNTED PRICING WILL REVERT TO LIST PRICES FOR INVOICES NOT PAID WITHIN 120 DAYS FROM THE DATE OF INVOICE. *		
DEFINITIONS		
1. COB: Close of business		
2. TAT: Turn-Around-Time		
3. Workorder: Group of samples logged per order.		
4. ATL Route: Los Angeles County, Orange County, San Diego County, Parts of Riverside County		
NOTES:		
1. Pick up / Delivery Includes a 15 Minute Wait Time. Waiting times exceeding 15 minutes may be subject to a \$45/ Hr Surcharge.		
2. Out-of-Service-Area Pickups: \$1/Mile Roundtrip from Nearest Service Area.		
following business day.		
4. Subcontract work subject to subcontract laboratory's pricing, terms, and conditions - Please schedule with us in advance		
5. Samples submitted with less than 80 percent of the Holding Time remaining, will be Surcharged per Surcharge Fee Schedule		

EXHIBIT F



ATL Price Guide for for POLA On-Call Contract

Expires: 12-31-22

Analysis	Methodology	Standard TAT
		5 business days
		COB
6. Change orders/ Added Analyses for In-Process Samples or "On Hold" Samples will be charged according to Surcharge Fee schedule.		
7. Retrieval of reports and /or associated data after three months will be charged at \$50.00 per data folder.		
8. Reprocessing of data will be charged at \$50.00 per report		
9. RWQCB (Geotracker) and other customized EDD's Fee: 3% of project surcharge (\$30 minimum per work order).		
10. Level IV deliverables: 15% of project (\$100.00 minimum per work order)		
11. Sample Storage = \$2.00 / sample /mo after 45 days: Sample Disposal \$2.00 / sample. Disposal for unanalyzed samples - \$7.00 per sample.		
12. Minimum Charge for logged samples that are not analyzed = \$75.00 (includes samples "ON HOLD") + Disposal Fees if Needed.		
13. Hard Copy Record Storage: \$1 /ATL Workorder / mo (after 45 days from sample receipt).		
14. Past due invoices over 90 days will revert to list Price + Interest.		
15. Samples are disposed 45 days from time of receipt, unless prior arrangements are made.		
16. All hard copy records will be destroyed 45 days from date of report issuance.		

3275 Walnut Avenue, Signal Hill, CA 90755

Questions: Call (800) 499-4388

www.atlglobal.com

EXHIBIT F



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Loyalty Price List (2018)

ORGANICS

METHODS	PARAMETERS	UNIT PRICE (\$)
EPA 1664	Oil and Grease (HEM)	32
EPA 413.2	Oil and Grease by IR	38
EPA 418.1	TRPH	40
EPA 602/8021B	BETX	30
EPA 608/8081A	Organochlorine Pesticides	70
EPA 608/8082	Polychlorinated Biphenyls Only (PCB's)	55
EPA 624	Volatile Organics (VOCs)	65
EPA 624	Volatile Organics plus MTBE	67
EPA 625/8270C	Semi-volatile Organics (SVOCs)	135
EPA 8015B	TPH as Gasoline or Light Hydrocarbons	30
EPA 8015B/ 8021B	TPH Gasoline Including BETX	38
EPA 8015B/ 8021B	TPH Gasoline Including BETX plus MTBE	40
EPA 8015B	TPH as Diesel & Heavier HCs(Extended Run)	35
EPA 8015B	TPH Full Range (GRO, DRO and ORO)	65
EPA 8081A	Organochlorine Pesticides	70
EPA 8082	Polychlorinated Biphenyls Only (PCBs)	55
EPA 8141A	Organophosphorus Pesticides (Capillary Column Technique)	135
EPA 8151A	Chlorinated Herbicides	155
EPA 8260B	Ethanol/Methanol	65
EPA 8260B	Volatile Organics (VOCs)	65
EPA 8260B	Volatile Organics (VOCs) plus Oxygenates	75
EPA 8270C	Semi-volatile Organics (SVOCs)	135
EPA 8270C	Polynuclear Aromatics (PAH)	115
EPA 8310	Polynuclear Aromatics (HPLC)	155
RSK SOP 175	Dissolved Gases in Water (1st Gas)	65
RSK SOP 175	Dissolved Gases in Water (Each Additional Gas)	15
ASTM D1946	Methane	65
ASTM D1946	Fixed Gases (1st Gas)	65
ASTM D1946	Fixed Gases (Each Additional Gas)	15

EXHIBIT F



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

INORGANICS (Metals)

METHODS	PARAMETERS	UNIT PRICE (\$)
EPA 3005A,3010A,3050B	Sample Prep for ICP (Metals)	8
Title 22,CCR 66261.100 All	STLC Extraction (WET)	40
EPA 1311	TCLP Extraction	40
EPA 1311	TCLP Zero Headspace Extraction	75
	STLC or TCLP Extraction for Semi-Vol	50
	Sample Composite Fee	5
EPA 200.7/6010B	Single Element (ICP)	8*
EPA 245.1/7470A, 7471A	Mercury by Cold Vapor AA	30**
EPA 200.7/6010B	ICP Metals Scan (Cd,Cr,Pb,Ni,Zn)	40
EPA 200.8/6020	ICP/MS (Single Element - Water)	25/15
EPA 200.8/6020	ICP/MS (Single Element / Each Additional Element) – Soil (Includes Prep Charge)	35/15
EPA 200.8/6020	TTLC Title 22 Metals (ICP/MS)	150
HML -939-M	Organic Lead by GFAA	125**
EPA 7199/218.6	Hexavalent Chromium (IC, Low Detection Limit)	75
EPA 200.7/245.1,, 6010B/7470A, or 6010B/7471A	TTLC,CCR Title 22 Metals	85
EPA 200.7/245.1,, 6010B/7470A	STLC,CCR Title 22 Metals	125
EPA 200.7/245.1,, 6010B/7470A, or 6010B/7471A	RCRA Metals Package (8 Elements)	75
EPA 6010B/7470A	8 TCLP Metals	125
EPA 200.7/245.1,, 6010b/7470A, or 6010B/7471A	13 Priority Pollutants	80

* Price does not include sample prep charge

** Price includes sample prep charge.

Note: All group pricing includes sample prep charge.

EXHIBIT F



AMERICAN SCIENTIFIC LABORATORIES, LLC

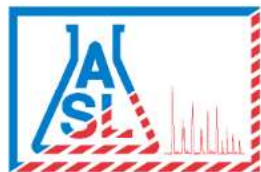
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

INORGANICS (General Chemistry)

METHODS	PARAMETERS	Column1
SM 2310-B	Acidity	18
(22CCR 66696 (A) (4))	Acute Aquatic Fish Toxicity Bioassay	230
DOHS (TITLE 22)	Hazardous Waste Bioassay Using Fathead Minnows	275
SM 2340-B	Alkalinity	18
SM 4500-NH ₃ -D	Ammonia (ISE)	25
300	Single ANIONS by IC	25
Additional Anion(s) by IC	Each Additional Anion by IC	15
SM 5210B	Biochemical Oxygen Demand 5day(BOD) / CBOD	45
6010B	(Ca, Mg, Na, K / F, Cl, NO ₂ , NO ₃ , SO ₄)	125
SM 4500-Cl-G	Chlorine, Total Residual	25
EPA 410.4	Chemical Oxygen Demand (COD)	35
EPA 110.1	Color	10
EPA 9131/9132	Coliform, Total –Water/Soil	35/55
EPA 120.1/9050A	Conductivity	20
SM 4500-CN-G	Cyanide, Amenable to Chlorination	40
SM 4500-CN-E	Cyanide, Total	40
SM 4500-CN-E	Cyanide, Free	80
SM 3500-Fe-D	Ferrous Iron	22
EPA 1010	Flashpoint	45
300	Fluoride, (ISE)	25
GENERAL MINERALS	(Alkalinity, HCO ₃ , CO ₃ , OH, Cl, Conductivity, F, Hardness NO ₃ , pH, SO ₄ , MBAS, TDS, Ca, Mg, Na, K, Fe, Mn, Cu, Zn)	175
EPA 900	Gross Alpha and Beta	50
SM 2340-C	Hardness, Total	18
SM 2540G	Moisture Content (% Solids)	20
SM 4500-N-D	Total Nitrogen	50
EPA 351.3	Total Kjeldahl Nitrogen (TKN)	75
SM 2580B	Oxidation-Reduction Potential (ORP)	22
SM 4500-O-G	Oxygen, Dissolved	22
EPA 314.0	Perchlorate (IC)	80
9045C	pH -Soil	20
SM 4500-H-B	pH- water	10
SM 4500-P-E	Phosphorus, Ortho	30
SM 4500-P-B&E	Phosphorus, Total	35

EXHIBIT F



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300	Phosphate, Total	35
EPA 420.1/ 9065	Phenolics, Total	45
SM 2520B	Salinity	20
SM-846-7-3-HCN	Reactive Cyanide	42
SM-846-7-3-H ₂ S	Reactive Sulfide	42
ASTM D1429	Specific Gravity	20
SM 4500-S-2-D	Sulfide, Total	25
EPA 376.2/9031	Sulfide, Dissolved	25
SM 5540-C	Surfactants (MBAS)	50
SM 2540-C	Total Dissolved Solids (TDS)	20
SM 2540-D	Total Suspended Solids (TSS)	20
EPA 160.3	Total Solids (TS)	20
EPA 160.4	Total Volatile Solids (TVS)	25
EPA 160.4	Total Volatile Suspended Solids (TVSS)	25
SM 2540-F	Total Settleable Solids (SS)	20
EPA 9020B	Total Organic Halides (TOX)	138
9060	Total Organic Carbon (TOC) Water/Soil	45/65
EPA 180.1	Turbidity, NTU	15

SERVICE FEATURES:

- **Normal** Turnaround Time (TAT) is 5 working days for most analyses.
All preliminary results can be sent via Facsimile or Email (PDF).
 - **QA/QC** Level 1 reports are available upon request with no surcharge. Additional QA/QC is available for a small surcharge.
 - **EDD** ("Electronic Data Deliverables") available in a variety of formats at no charge for most projects.
 - **EDF** ("Electronic Deliverables Format") for uploading to the State of California "GeoTracker" system for LUFT sites provided at a \$ 25.00 charge.
 - **Rush** Turnaround of analyses available upon request:

Weekend & Holiday	200%
Same day	100%
24 Hrs ** (Next Day)	50%
48 Hrs ** (2 Days)	35%
72 Hrs ** (3 Days)	20%
96 Hrs ** (4 Days)	10%

** - Applicable to some tests only. Please call the lab for specific details.
 - **Free** Sample pick-up or Free Shipping at your job site or office
 - **Free** pre-cleaned, certified sample bottles and containers
 - **Free** delivery of sample bottles and containers to your job site or office
 - **Free** sample disposal (Note: All samples will be disposed of after 30 days from date of analysis, unless prior arrangement has been made.)
- Long Term Special Discounted Rates are available to suit your specific analytical needs.**

EXHIBIT F

Anchor QEA, LLC

2019 - 2022 RATES

Professional Level Hourly Rates

Principal 2/Senior Technical Advisor.....	\$306
Principal 1	\$295
Senior Manager	\$264
Manager	\$246
Senior Staff	\$219
Staff 3	\$192
Staff 2	\$172
Staff 1	\$145
Senior CAD ¹ Designer	\$152
CAD Designer	\$127
Technician	\$123
Senior Technical Editor	\$150
Technical Editor	\$127
Senior Project Coordinator	\$143
Project Coordinator	\$122

Special Hourly Rates

National expert consultant	\$424
All work by a testifying expert.....	1.5 times professional level rate

EXPENSE BILLING RATES

Equipment	<i>Attached Rate Schedule</i>
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¹ CAD: Computer Aided Design

EXHIBIT F

Anchor QEA, LLC

EQUIPMENT RATES

Vehicle Rental.....	\$100/day
Boat Rental	\$300/day
Health and Safety Equipment (PFD, hard hat, eyewear)	\$20/day/person
Field Computer (WiFi Only)	\$10/day
Field Tablet w/Mobile Internet.....	\$50/day
Field Tablet w/Mobile Internet and Trimble R1 GPS.....	\$75/day
Communication Equipment (Mobile Internet).....	\$10/day/person
GPS – Differential (Trimble GeoXH).....	\$100/day
GPS – Handheld (Garmin)	\$20/day
Digital Camera	\$5/day
Underwater Camera/Video Recorder	\$50/day
Remote Underwater Camera Kit.....	\$120/day
Unmanned Drone (Including Data Processing).....	\$250/day
Water Quality Meter.....	\$100/day

EXHIBIT F

BC2 ENVIRONMENTAL
Port of Los Angeles
Schedule of Fees
2019-2022

DESCRIPTION	UNIT	UNIT PRICE
GEOPROBE SERVICES		
Mobilization / Demobilization		
0-25 Miles	Trip	\$275.00
26-75 Miles	Trip	\$325.00
76-120 Miles	Trip	\$525.00
>121 Miles	Mile	\$5.00
Direct Push Rig		
2-Man Crew 0-4hrs On-site	Half Day	\$1,100.00
2-Man Crew 8hrs On-site	Day	\$1,800.00
Direct Push Rig & 2-Man Crew Over 8hrs On-site	Hour	\$295.00
Sample Supplies	Day	\$225.00
Surcharge for Continuous Sampling with Macro Core	Foot	\$2.00
Groundwater Samples	Each	\$25.00
Vapor Samples, Expendable Tips/Tubing	Sample	\$15.00
Tedlar Bags	Each	\$30.00
Single Vapor Probe Tubing and Annular Material	Foot	\$5.00
Dual Vapor Probe Tubing and Annular Material	Foot	\$7.00
Triple Vapor Probe Tubing and Annular Material	Foot	\$9.00
Roto-Hammer Rental (to install sub-slab probes)	Day	\$145.00
Sub-Slab Vapor Pin W/Silicone Jacket	Each	\$85.00
Sub-Slab Vapor Pin Cover/Protector	Each	\$30.00
3/4" PVC Screen & Casing, Temp Well Material	Foot	\$3.00
5" Flush Mount Well Box Installed	Each	\$50.00
8" Flush Mount Well Box Installed	Each	\$85.00
3" x 4ft Acetate Liner	Each	\$9.50
3" Vinyl Caps - Per Pair of Two	Each	\$2.25
AIR-VACUUM SERVICES		
Air-Vacuum Hole Clearance - Portal to Portal	Hour	\$185.00
Asphalt Patch	Bag	\$10.00
Pea Gravel	Bag	\$5.00
Redi-Mix Concrete	Bag	\$5.00
Rapid-Set Concrete	Bag	\$17.00
HOLLOW STEM AUGER DRILLING SERVICES		
Mobilization / Demobilization		
0-25 Miles	Trip	\$400.00
26-75 Miles	Trip	\$500.00
76-120 Miles	Trip	\$550.00
>121 Miles	Mile	\$7.00
Drilling		
Soil Borings (Note 1)	Foot	\$17.00
Convert HSA Boring Into Single Vapor Probes	Foot	\$14.00
Convert HSA Boring Into Dual Vapor Probes	Foot	\$16.00
Convert HSA Boring Into Triple Vapor Probes	Foot	\$18.00
2" PVC Wells (Note 2)	Foot	\$32.00
4" PVC Wells (Note 2)	Foot	\$42.00
Dual Completed 2" PVC Wells	Foot	\$50.00
Triple Completed 2" PVC Wells	Foot	\$55.00
WELL DEVELOPMENT (Note 3)		
1-Man Crew - Portal to Portal	Hour	\$145.00
Centrifugal Pump and Jetting Tools	Day	\$200.00
Abandonment of Wells		
2" PVC Wells By Overdrilling	Foot	\$18.00
4" PVC Wells By Overdrilling	Foot	\$23.00
6" PVC Wells By Overdrilling	Foot	\$27.00
2" PVC Wells By Pressure Grouting	Foot	\$10.00
4" PVC Wells By Pressure Grouting	Foot	\$13.00
6" PVC Wells By Pressure Grouting	Foot	\$18.00

EXHIBIT F

BC2 ENVIRONMENTAL
Port of Los Angeles
Schedule of Fees
2019-2022

DESCRIPTION	UNIT	UNIT PRICE
MUD ROTARY DRILLING SERVICES		
Mobilization / Demobilization		
Mud Rig Travel To and From	Mile	\$12.00
Drilling - Mud Rotary		
Daily Rate - Up To 9Hrs On-Site	Day	\$4,500.00
2" PVC Wells - Casing & Annulus Backfill Material 8 Inch Borehole	Foot	\$15.00
4" PVC Wells -Casing & Annulus Backfill Material 10 Inch Borehole	Foot	\$18.00
Annulus Backfill Material - 8 Inch Borehole	Foot	\$10.00
SONIC DRILLING SERVICES		
Mobilization / Demobilization		
Sonic Rig Travel To and From	Mile	\$12.00
Drilling - SONIC		
Daily Rate - Up To 9Hrs On-Site	Day	\$4,500.00
2" PVC Wells - Casing & Annulus Backfill Material 8 Inch Borehole	Foot	\$15.00
4" PVC Wells -Casing & Annulus Backfill Material 10 Inch Borehole	Foot	\$18.00
Annulus Backfill Material - 8 Inch Borehole	Foot	\$10.00
AIR ROTARY CASING HAMMER (ARCH) DRILLING SERVICES		
Mobilization / Demobilization		
ARCH Rig Travel To and From	Mile	\$12.00
Drilling - Air Rotary		
Daily Rate - Up To 9Hrs On-Site	Day	\$4,500.00
2" PVC Wells - Casing & Annulus Backfill Material 8 Inch Borehole	Foot	\$15.00
4" PVC Wells -Casing & Annulus Backfill Material 10 Inch Borehole	Foot	\$18.00
Annulus Backfill Material - 8 Inch Borehole	Foot	\$10.00
Miscellaneous Charges		
Stainless Steel Conductor Casing, Well Casing, or Screen Materials	Foot	Current Market
3/8" x 6" Stainless Steel Vapor Probes & Fittings	Each	\$36.00
3/8" Polypro Vapor Probes & Fittings	Each	\$11.00
3-Way Vapor Valves & Fittings	Each	\$9.00
Asphalt Cookie Cutting 12-18" Diameter	Hole	\$75.00
Concrete Cutting/Coring (portal to portal)	Hour	\$175.00
Hand Auger Locations To 5ft - Hollow Stem & Mud Rotary Utility Clearance	Each	\$125.00
Angle Drilling Surcharge	Foot	\$10.00
2-Man Hand Auger Crew Portal To Portal	Hour	\$170.00
Continuous Sampling Surcharge	Foot	\$8.00
Low Clearance/Limited Access Drill Rig Surcharge - Hollow Stem	Foot	\$8.00
Low Clearance/Limited Access Drill Rig Surcharge - Mud Rotary	Foot	\$10.00
Hydropunch Groundwater Sampling	Each	\$200.00
Grab Groundwater Sampling Through Augers	Each	\$50.00
2 Inch PVC Temporary Well Material & Grab GW Sample	Foot	\$5.00
SimulProbe Groundwater Sample Supplies & Equipment	Each	\$195.00
Drive & Collect SimulProbe Groundwater Samples	Hour	\$325.00
2" x 6" SS Sample Liners, Caps & Teflon	Each	\$5.00
2" Split Spoon Samplers	Each	\$325.00
Collect Split-Spoon Soil Samples - Mud Rotary	Each	\$250.00
Decontamination Trailer (Note 5)	Day	\$150.00
Support Truck	Day	\$100.00
Sonic Flat Water Support Truck	Day	\$200.00
Daily Crew Travel (Hollow Stem Auger, Sonic, ARCH, Mud Rotary crews)	Day	\$375.00
Poly Water Tank	Day	\$100.00
Bobcat or Forklift & Tilt Dumpster 1st Day	Day	\$450.00
Bobcat or Forklift & Tilt Dumpster Additional Day	Day	\$295.00
55-Gallon Containment Drums	Each	\$50.00
5" Dia Well Box Completion - Emco Wheaton	Each	\$50.00
12" Dia Well Box Completion - Emco Wheaton	Each	\$225.00
8" Locking Steel Monument Riser Completion	Each	\$300.00
3" x 5 ft Steel Crash Posts - Installed	Each	\$95.00
Remove And Replace 12" Diameter Well Boxes - Emco Wheaton	Each	\$525.00

EXHIBIT F

BC2 ENVIRONMENTAL
Port of Los Angeles
Schedule of Fees
2019-2022

DESCRIPTION	UNIT	UNIT PRICE
Miscellaneous Charges (cont.)		
Light Tower Rental	Night	\$185.00
Generator Rental - 7KW or Less	Day	\$100.00
Per Diem	Man/Night	\$145.00
Security	Hour	\$35.00
Service Run - Change in Scope	Trip	\$300.00
Level C Upgrade (per man per hour)	Hour	\$10.00
Project Management	Hour	\$95.00
Additional Tech / 1-Man Crew On-Site Plus Travel	Hour	\$50.00
Premium Time (Note 4)	Man/Hour	\$35.00
Prevailing Wage Surcharge - Portal to Portal	Man/Hour	\$65.00
Hollow Stem Auger Drill Rig Standby Rate - (Logging, Site Access, Client Decisions)	Hour	\$185.00
Mud Rotary/Sonic/ARCH Over 9Hrs On-Site	Hour	\$605.00
Subcontracted Services Performed at Cost Plus 15% in Addition to Project Management Time		

Notes:

- (1) Soil Borings: Pricing includes drilling with 2 man crew, sampling at 5ft intervals (one liner per sample) and backfill. Decontamination trailer rental and containment of cuttings and decon water are charged separately.
- (2) Groundwater and Vadose Wells: Pricing includes drilling with 2 man crew, sampling at 5ft intervals, construction and backfill. Materials include PVC well casing, up to 20 feet of slotted casing, filter pack, and annular seal. Decontamination trailer, surface completion and containment of cuttings and decon water are charged separately.
- (3) Well Development: Hourly rates are charged portal to portal and exclude 55-gallon containment drums.
- (4) Premium Time: Premium time is charged after 8 hours on-site in a single day and for weekends and night work.
- (5) Decontamination Trailer: Rental is in addition to footage and hourly rates.

The above rates will remain in effect for three calendar years from the execution of the contract, at which point an annual escalation of TBD may be applied to all rates.

Excluding additional line items added due to change of scope conditions.

BC2 assumes that other parties will provide site access, on-site water source, drilling and well permits, and clear the location of utilities on the property. Drill rig hourly rates will be charged for all standby time and for time associated with returning to previously-drilled boreholes. BC2 is not responsible for damage to underground improvements. Client is responsible for naming BC2 Environmental on USA Dig Alert Ticket as the excavating contractor. It is the sole responsibility of the lessee or renter to follow the requirements of the regional notification center law pursuant to Article 2 (commencing with Section 4216) of Chapter 3.1 of Division 5 of Title 1 of the Government Code. By signing a contract, the lessee or renter accepts all liabilities and responsibilities contained in the regional notification center law.

EXHIBIT F

EXHIBIT B

RATE SCHEDULE

Exclusively for
 WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS / PORT OF LOS ANGELES
 ON-CALL ENGINEERING

Effective July 2019 – June 2022

TRANSPORTATION & DISPOSAL OF BULK SOIL

TRANSPORTATION & DISPOSAL OF BULK SOIL

Upon request, rates will be quoted on a "per ton" basis on a project specific basis

END DUMP TRUCK RATES (Operated)

(Minimum = 4.0 hours)

UNIT TYPE

RATE

End Dump Truck – Non-Hazardous*:	\$140.00 - \$195.00 / hour
End Dump Truck – Hazardous*:	\$150.00 - \$225.00 /hour
10-Wheeler Dump Truck – Non-Hazardous*:	\$140.00 - \$195.00 / hour
10-Wheeler Dump Truck – Hazardous*:	\$150.00 - \$225.00 /hour

**In most cases, End Dump rates will be charged on a tonnage basis (based on mileage).
 Any clean-up load (last/final load available) will be invoiced as a 23-ton minimum load.*

ROLL-OFF TRUCK (Operated) & BIN RENTAL RATES

(Minimum = 4.0 hours)

UNIT / EQUIPMENT TYPE

RATE

Roll-off Truck:	\$165.00 / hour
Roll-off Truck (Overtime):	\$191.00 / hour
Roll-off Truck (Double-Time):	\$234.00 / hour
Roll-off Bins (18 & 40 Cubic Yard):	\$ 18.00 / day
Roll-off Bins / Sludge Bins (5 Cubic Yard):	\$ 30.00 / day
Plastic Bin Liners (3 mil) - Installed:	\$ 50.00 / each
Plastic Bin Liners (6 mil) - Installed:	\$120.00 / each

STRAIGHT-TIME:

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Monday through Friday.

OVERTIME RATE:

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. In addition, the first 12.0 hours worked on Saturday at the request of WOOD.

DOUBLE-TIME RATE:

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of WOOD. Holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving and Christmas Day.

EXHIBIT F

EXHIBIT B

RATE SCHEDULE

Exclusively for
 WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS / PORT OF LOS ANGELES
 ON-CALL ENGINEERING

Effective July 2019 – June 2022

TRANSPORTATION & DISPOSAL OF WASTE CONTAINED IN DRUMS

“MILKRUN” TRANSPORTATION & DISPOSAL OF WASTE CONTAINED IN DRUMS

TRANSPORTATION & DISPOSAL – NON-HAZARDOUS

	<u>RATE</u>
-- SOIL @ SOIL SAFE (55 gal):	\$150.00 / drum * #
-- WATER @ DeMENNO KERDOON (55 gal):	\$150.00 / drum * #
-- INERT CONCRETE/ASPHALT DEBRIS (55-gal):	\$150.00 / drum * #
-- DRILLING MUD @ CROSBY & OVERTON or US ECOLOGY:	\$280.00-\$305.00 / drum * #
-- SOIL/SOLIDS (PPE, TRASH, DEBRIS, etc.) @ U.S. ECOLOGY:	\$245.00 / drum * #

TRANSPORTATION & DISPOSAL – NON-RCRA (CALIF) HAZARDOUS

	<u>RATE</u>
-- GAS/WATER MIXTURE @ DeMENNO KERDOON (55-gal):	\$250.00-\$370.00 / drum * #
-- LIQUIDS @ DeMENNO KERDOON (55-gal):	\$250.00-\$370.00 / drum * #
-- SOIL/SOLIDS (PPE, TRASH, DEBRIS, etc.) @ U.S. ECOLOGY (55-gal):	\$275.00-\$345.00 / drum * #

TRANSPORTATION & DISPOSAL – RCRA-HAZARDOUS

	<u>RATE</u>
-- SOIL/SOLIDS @ U.S. ECOLOGY - DIRECT LANDFILL (55-gal):	\$360.00 / drum * #
-- SOIL/SOLIDS @ U.S. ECOLOGY - STABILIZATION of METALS (55-gal):	\$370.00 / drum * #
-- SOIL/SOLIDS @ CLEAN HARBORS – INCINERATION (55-gal): (Up to 500 lbs/drum / Excess invoiced at \$1.20/lb)	\$995.00 / drum * #
-- GAS/WATER MIXTURE @ DeMENNO KERDOON (55-gal):	\$260.00-\$385.00 / drum * #
-- LIQUIDS @ DeMENNO KERDOON (55-gal):	\$260.00-\$485.00 / drum * #
-- LIQUIDS @ U.S. ECOLOGY - SOLIDIFICATION (55-gal):	\$420.00-\$485.00 / drum * #

ASSOCIATED ITEMS

PROJECT MANAGEMENT & PROFILE FEE (applies all projects):	\$150.00 - \$1,000.00 / project
APPOINTMENT FEE (if 1-Hr. Appointment Window is requested):	\$115.00 / event
DELIVERY OF EMPTY DRUMS (MILKRUN):	\$325.00 - \$525.00 / trip
EMPTY “USED” STEEL DRUMS (55-gal):	No Charge
SALVAGE/OVERPACK DISPOSAL SURCHARGE (95-gal):	\$115.00 / drum #
SCRAPPING OF EMPTY STEEL DRUMS (55-gal):	\$ 25.00 / drum
ABSORBENT / SOLIDISORB (33 lb. Bag):	\$ 35.00 / bag
ONSITE TIME (TRANSFER OF WASTE):	\$165.00 / hour
HAND PUMP (for LIQUID WASTE TRANSFER):	\$ 25.00 / each
RIVET BUSTER (CUTTING OPEN DRUMS IN YARD):	\$115.00 / day

BESI maintains an inventory of empty “USED” Drums available for delivery to project sites. These Drums are to be used to contain only Non-Hazardous waste. Hazardous waste may not be transported in “USED” Drums. If BESI is being contracted to remove the waste, these drums will be provided at no cost (free), other than delivery charges.

** Site Stop Fee (\$115.00): Any drum removal event with < 5 drums will be charged a \$115.00 Site Stop Fee (in addition to the per drum rate).*

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.

Rates for other waste will be quoted upon request on a project specific basis.

EXHIBIT F

EXHIBIT B

RATE SCHEDULE

Exclusively for
 WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS / PORT OF LOS ANGELES
 ON-CALL ENGINEERING

Effective July 2019 – June 2022

TRANSPORTATION & DISPOSAL OF WASTE CONTAINED IN DRUMS

DRUM TRUCK/FLATRACK TRUCK/CREW TRUCK RATES (Operated) (Minimum = 4.0 hours)

<u>UNIT TYPE</u>	<u>RATE</u>
Drum Truck with Lift Gate:	\$165.00 / hour
Drum Truck with Lift Gate (Overtime):	\$191.00 / hour
Drum Truck with Lift Gate (Double-Time):	\$234.00 / hour

<u>STRAIGHT-TIME:</u>	First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.
<u>OVERTIME RATE:</u>	Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. In addition, the first 12.0 hours worked on Saturday at the request of WOOD.
<u>DOUBLE-TIME RATE:</u>	Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of WOOD.

ASSOCIATED ITEMS

RATE

NEW STEEL DRUMS (EMPTY)

NEW - 15-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 92.00 / drum
NEW - 15-Gal UN/DOT CLOSED-TOP:	\$ 92.00 / drum
NEW - 30-Gal UN/DOT CLOSED-TOP:	\$ 84.00 / drum
NEW - 55-Gal UN/DOT CLOSED-TOP:	\$ 84.00 / drum
NEW - 55-Gal UN/DOT OPEN-TOP:	\$ 95.00 / drum

RECONDITIONED STEEL DRUMS (EMPTY)

RATE

RECON - 30-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 62.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP:	\$ 52.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP:	\$ 52.00 / drum

NEW POLY DRUMS (EMPTY)

RATE

NEW - 3.5-Gal Non-DOT PAIL:	\$ 34.00 / drum
NEW - 5-Gal UN/DOT PAIL:	\$ 41.00 / drum
NEW - 15-Gal UN/DOT OPEN-TOP:	\$ 71.00 / drum
NEW - 15-Gal UN/DOT CLOSED-TOP:	\$ 46.00 / drum
NEW - 55-Gal UN/DOT CLOSED-TOP:	\$ 67.00 / drum

RECONDITIONED POLY DRUMS (EMPTY)

RECON - 15-Gal UN/DOT OPEN-TOP:	\$ 49.00 / drum
RECON - 15-Gal UN/DOT CLOSED-TOP:	\$ 37.00 / drum
RECON - 30-Gal UN/DOT OPEN-TOP:	\$ 46.00 / drum
RECON - 30-Gal UN/DOT CLOSED-TOP:	\$ 37.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP:	\$ 64.50 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP:	\$ 43.00 / drum

OVERPACKS / SALVAGE DRUMS (EMPTY)

NEW - 95-Gal POLY UN/DOT SALVAGE DRUM - OPEN-TOP:	\$325.00 / drum
NEW - 85-Gal STEEL UN/DOT SALVAGE DRUM - OPEN-TOP:	\$275.00 / drum
USED - 95-Gal STEEL/POLY SALVAGE DRUM (Non-UN/DOT) - OPEN-TOP:	\$190.00 / drum

EXHIBIT F

EXHIBIT B

RATE SCHEDULE

Exclusively for
 WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS / PORT OF LOS ANGELES
 ON-CALL ENGINEERING

Effective July 2019 – June 2022

TRANSPORTATION & DISPOSAL OF WASTE CONTAINED IN DRUMS

ASSOCIATED ITEMS

RATE

MISC. CONTAINERS (EMPTY)

RECON – 250/275-Gal TOTE:

\$215.00 / tote

UN/DOT CUBIC-YARD BOX (EMPTY) w/ WOODEN PALLET:

\$100.00 / each

UN/DOT SUPERSACK (EMPTY):

\$ 40.00 / each

WOODEN PALLET:

\$ 23.00 / each

ADDITIONAL EQUIPMENT RATES

EQUIPMENT RATES (Operated)

(Minimum = 4.0 hours)

UNIT TYPE

RATE

Pickup Truck / Crew Truck:

\$150.00 / hour

Pickup Truck / Crew Truck (Overtime):

\$175.00 / hour

Pickup Truck / Crew Truck (Double-Time):

\$220.00 / hour

EQUIPMENT RATES (Non-Operated)

(Minimum = 4.0 hours)

UNIT TYPE

RATE

Air Compressor Unit (Trailer):

\$350.00 / day

Generator:

\$225.00 / day

Double Diaphragm Pump:

\$275.00 / day

Tyvek Suit (Coated):

\$ 65.00 / each

Coliwasa Sampling Tube:

\$ 12.50 / each

UNIT TYPE

RATE

Pressure Washer (Cold Water):

\$400.00 / day

Drum-it with Mini-Vac Unit:

\$675.00 / day

Drum-it (no Mini Vac Unit):

\$175.00 / day

Tyvek Suit (Non-Coated):

\$ 17.50 / each

Water Sampling Bailer:

\$ 12.50 / each

STRAIGHT-TIME:

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

OVERTIME RATE:

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. In addition, the first 12.0 hours worked on Saturday at the request of WOOD.

DOUBLE-TIME RATE:

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of WOOD.

EXHIBIT F

EXHIBIT B

RATE SCHEDULE

Exclusively for
 WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS / PORT OF LOS ANGELES
 ON-CALL ENGINEERING

Effective July 2019 – June 2022

TRANSPORTATION & DISPOSAL OF BULK LIQUIDS BY VACUUM TRUCK

BULK DISPOSAL OF NON-HAZARDOUS OILY WATER @ DeMENNO KERDOON

<u>DESCRIPTION</u>	<u>RATE</u>
Disposal Fee:	\$ 0.70 - \$2.75 / gallon #
Disposal Solids Surcharge:	\$ 3.65 / gallon #
Truck Washout Fee:	\$380.00 / washout #

BULK DISPOSAL OF HAZARDOUS OILY WATER (STANDARD) @ DeMENNO KERDOON

<u>DESCRIPTION</u>	<u>RATE</u>
Disposal Fee:	\$ 0.75 - \$3.50 / gallon #
Disposal Solids Surcharge:	\$ 3.75 / gallon #
Truck Washout Fee:	\$380.00 / washout #

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.

DISPOSAL OF OTHER BULK LIQUIDS

Rates will be quoted upon request on a project specific basis

VACUUM TRUCK RATES (Operated)

(Minimum = 4.0 hours)

<u>UNIT /EQUIPMENT TYPE</u>	<u>STRAIGHT-TIME</u>	<u>OVERTIME</u>	<u>DOUBLE-TIME</u>
Vacuum Truck 70 BBL Mild Steel:	\$161.00 / hour	\$202.00 / hour	\$242.00 / hour
Vacuum Truck 100 BBL Mild Steel:	\$173.00 / hour	\$219.00 / hour	\$259.00 / hour

ASSOCIATED ITEMS

Surge Block:	\$ 35.00 / day
PVC Stingers / Schedule 40 – 1” Standard (10-ft section):	\$ 22.00 / each
PVC Stingers / Schedule 40 – ½” or ¾” Special In-Line (10-ft section):	\$ 31.00 / each
PVC Stingers / Schedule 40 – 1” Special In-Line (10-ft section):	\$ 34.00 / each
PVC Stingers / Schedule 40 – 1 ½” Special In-Line (10-ft section):	\$ 37.00 / each
PVC Stingers / Schedule 40 – 2” Special In-Line (10-ft section):	\$ 41.00 / each
Air Assist / Deep Wells:	\$ 42.00 / well

STRAIGHT-TIME: First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

OVERTIME RATE: Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. In addition, the first 12.0 hours worked on Saturday at the request of WOOD.

DOUBLE-TIME RATE: Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of WOOD.

EXHIBIT F

	
Bermello, Ajamil & Partners	
Billing rates	2019-22
Rates fixed for all three years	
Principal	\$338.25
Sr Project Manager	\$276.75
Project Manager	\$256.25
Sr Architect	\$225.50
Sr Planner/LA	\$205.00
Sr Engineer	\$205.00
Architect	\$133.25
Planner	\$133.25
Engineer	\$133.25
Interior designer	\$133.25
Estimator (QS)	\$133.25
Landsc architect	\$133.25
Inspector	\$108.60
Sr Cadd tech	\$96.86
Cadd tech	\$77.49
Spec writer	\$96.86
Clerical	\$64.58

EXHIBIT F

Rev. 9.25.19

POLA Rates – Valid Through 12/30/22 – Port of Los Angeles Only

Cargo Velocity Inc.	US Dollars
Principal Engineer, Terminal Planning, PE	\$260.00
Railway Systems Engineer, PE	\$230.00
Project Manager	\$190.00
Project Engineer (CAD), PE/Sr. Analyst	\$170.00
Engineer I (CAD & analysis)	\$120.00
Contract Administrator/Analyst/Editor	\$120.00

Rates include direct labor costs, overhead, office expenses, fringe benefits, and project-related direct expenses.

Primary Contact:

Dan Johnson, PE
Cargo Velocity Inc.
204 G Street, Suite 201
Petaluma, CA, 94952
Phone: 510-913-6558
dan@cargovelocity.com

EXHIBIT F



14280 Euclid Ave
Chino, CA 91710
1-888-90-BELOW

Prevailing Wage

Service	Cost	
Ground Penetrating Radar		
GPR Handheld Supervising Tech Location of reinforcing steel, conduit.....	\$ 180.00	per hour
Travel Time Per Man.....	\$ 135.00	per hour
Utility Locating - Electromagnetic Locator		
Locating Supervising Tech Locate Water, Power, Communication, Gas & Waste Lines	\$ 180.00	per hour
Locating Utility Locator Tech	\$ 135.00	per hour
Travel Time Per Crew	\$ 195.00	per hour
Mapping		
Mapping Party.....	\$ 215.00	per hour
AutoCAD drawings Utilities	\$ 95.00	per hour
Travel Time Per Man.....	\$ 110.00	per hour
CCTV Pipe Inspection		
CCTV Video Pipe Inspection	\$ 310.00	per hour
Water Jetting High Pressure Hydro-Jetting.....	\$ 345.00	per hour
Travel Time Per Crew	\$ 225.00	per hour
Potholing		
Standard Pothole 1' x 1' x 5' deep.....	\$ 560.00	per hole
Pothole 1' x 1' x 5'-10' deep	\$ 610.00	per hole
Traffic Control Price subject to change without notice	\$ 950.00	per day
Flagman	\$ 110.00	per hour
Potholing Hourly.....	\$ 485.00	per hour
Manhole Dips	\$ 100.00	per location
Pothole Report Report 1-10 Potholes. Additional fees will apply for more than 10 PH's..	\$ 200.00	per report
Travel Time Per Crew	\$ 225.00	per hour
Engineered Traffic Control Plans.....	\$ 95.00	per hour
Other Direct Costs		
Administration / Project Coordination.....	\$ 95.00	per hour
Permit Costs	\$	At Cost

C Below terms & Conditions apply to all services.

- ** Potholes / Trenching deeper than 10 feet must call for additional pricing
- * 15% Overtime charges applies to all services for Saturday work and off hours
- * 20% Overtime charges applies to all services for Sunday work
- * All services will be billed within the 4 & 8 hour minimum



PW Rate Sheet

EXHIBIT F

COAST SURVEYING, INC.

15031 PARKWAY LOOP, SUITE B, TUSTIN, CA 92780-6527 (714) 918-6266 FAX (714) 918-6277
www.coastsurvey.com

Hourly Billing Rates

Principal	\$227.04
Survey Manager	\$167.58
Project Surveyor	\$154.05
Survey Analyst	\$123.87
Survey Party Chief	\$141.11
Survey Chainman	\$127.25

The above hourly billing rates will be held firm for the duration of the contract, 2019 to 2022.

EXHIBIT F**SANTA FE SPRINGS OFFICE****Engineering Services Personnel****Straight Time****Overtime**

Project Director	\$ 242.00 /hr	\$ 242.00 /hr
Senior Consultant/Specialist	\$ 215.00 /hr	\$ 215.00 /hr
Principal Engineer	\$ 196.00 /hr	\$ 196.00 /hr
Lead Discipline Engineer	\$ 168.00 /hr	\$ 168.00 /hr
Project Manager	\$ 162.00 /hr	\$ 162.00 /hr
Senior Engineer/CP Specialist	\$ 152.00 /hr	\$ 152.00 /hr
Engineer II	\$ 128.00 /hr	\$ 128.00 /hr
Engineer I	\$ 114.00 /hr	\$ 114.00 /hr
Senior Technologist	\$ 107.50 /hr	\$ 161.25 /hr
Technologist	\$ 99.50 /hr	\$ 149.25 /hr
Senior Technician	\$ 97.00 /hr	\$ 145.50 /hr
Technician	\$ 90.00 /hr	\$ 135.00 /hr
Coating Inspector (NACE CIP3)	\$ 99.50 /hr	\$ 149.25 /hr
Data Integration	\$ 85.00 /hr	\$ 127.50 /hr
Designer/CAD	\$ 95.00 /hr	\$ 142.50 /hr
Project Administrator	\$ 68.00 /hr	\$ 102.00 /hr
Word Processing	\$ 58.00 /hr	\$ 87.00 /hr

Close Interval and Direct Assessment Survey Personnel

Project Manager	\$ 152.00 /hr
Senior Integrity Engineer	\$ 138.00 /hr
Integrity Engineer	\$ 126.00 /hr
Integrity Technologist	\$ 106.00 /hr
Integrity Technician	\$ 90.00 /hr
Data Processing	\$ 65.00 /hr
Standard CIS Crew	\$ 2,550.00 /day/3 man crew
Special CIS Crew	\$ 2,850.00 /day/4 man crew
DCVG, AC Current Attenuation	\$ 2,070.00 /day/3 man crew
Marsh and River Crossing Surveys	\$ 2,725.00 /day/3 man crew + vessel and wire
Sub-Meter GPS	\$ 325.00 /day
Soil Resistivity Survey	\$ 1,550.00 /day/2 man crew
Crew Standby	75% of quoted day rate
Current Interrupters	\$ 35.00 /day/interrupter
(Survey Crew Rates Include Vehicles, Survey Equipment and Subsistence)	

PM & CP Field Services**Straight Time****Overtime**

Project/ Construction Manager	\$ 144.00 /hr	\$ 144.00 /hr
Project Supervisor	\$ 124.00 /hr	\$ 124.00 /hr
Deep Well Driller	\$ 79.00 /hr	\$ 118.50 /hr
Construction Foreman	\$ 74.00 /hr	\$ 111.00 /hr
Equipment Operator	\$ 67.00 /hr	\$ 100.50 /hr
CDL Truck Driver	\$ 58.00 /hr	\$ 87.00 /hr
Laborer	\$ 50.50 /hr	\$ 75.75 /hr

Equipment**Per Hour****Per Mile****Per 8 hour Day**

Pick-up Truck w/ Tools	\$ 18.75	\$ 0.85	\$ 150.00
1 Ton Field/Utility Truck	\$ 22.50	\$ 0.95	\$ 180.00
2 Ton Field /Stake Bed Truck	\$ 35.00	\$ 1.05	\$ 280.00
HydroExcavator	\$ 175.00	\$ 1.70	\$ 1,400.00
Vacuum Excavator/ VacMaster	\$ 120.00	\$ 1.05	\$ 960.00
Drill Rig	\$ 205.00	\$ 1.70	\$ 1,640.00
Water Truck	\$ 35.00	\$ 1.50	\$ 280.00
Geotechnical Drill	\$ 33.00		\$ 264.00

EXHIBIT F



Equipment	Per Hour	Per 8 hour Day
Backhoe w/Trailer	\$ 95.00	\$ 760.00
Cable Plow	\$ 65.00	\$ 520.00
Skid Steer/w Attachments	\$ 75.00	\$ 600.00
Trencher w/Trailer (Under 66")	\$ 52.00	\$ 416.00
Trencher w/Trailer (Over 66")	\$ 55.00	\$ 440.00
Coke Breeze Pump (Per Well)	\$ 39.00	\$ 312.00
Portable Pit	\$ 48.00	\$ 384.00
Air Compressor (Small)	\$ 25.00	\$ 200.00
Mini Excavator	\$ 38.00	\$ 304.00
22' Boat/Trailer/Motor	\$ 41.00	\$ 328.00
12'/16' Flat Bottom Boat/Motor	\$ 24.00	\$ 192.00
Portable Generator	\$ 12.00	\$ 96.00
Soil Compactor	\$ 9.00	\$ 72.00

Terms and Conditions

1. All rates are portal to portal from the office where the personnel and equipment are based.
2. Rates do not include taxes or work permits.
3. Airfare if necessary will be economy class.
4. This schedule of rates will remain effective for three years from the start date of the contract.
5. A minimum of four (4) hours will be billable for each site mobilization even if the total time spent on the project in a given day is under 4 hours.
6. Rates are subject to availability of personnel and equipment.
7. Per Day rates are based on an eight (8) hour day.
8. Equipment rates include all maintenance, fuel, lubricants and insurance.
9. Hourly rates of personnel and equipment pertain to transportation, operating time on the job and standby time.
10. Regular time rates apply to work performed Monday through Friday up to 8 hours per day and/or 40 hours per week.
11. Overtime charges apply to all hours over 8 hours per day and/or 40 hours per week.
12. Prices subject to change in accordance with the PSA.

EXHIBIT F



Eff. Date: 01/01/19
End Date: 12/31/22

Asbestos Laboratory Services LAB RATES 5629 – WOOD (POLA)

PHASE CONTRAST MICROSCOPY (PCM)

	Same Day	1 Day	2 Day	3 Day	4 Day	5 Day
Airborne Fiber Counting (NIOSH 7400A)	10.50	8.70	7.70	7.00	6.70	6.50
Fiberglass Counting (NIOSH 7400B)	37.00	32.00	29.00	26.00	23.00	22.00
Sample prepared and not analyzed	2.00	2.00	2.00	2.00	2.00	2.00
Rotometer Calibrations	75.00	65.00	55.00	50.00	45.00	40.00

POLARIZED LIGHT MICROSCOPY (PLM)

	Same Day	1 Day	2 Day	3 Day	4 Day	5 Day
Standard Building Materials (EPA Method 600/R-93-116)	11.50	9.25	8.25	7.50	7.25	7.00
Complex Soil Samples (EPA Method 600/R-93-116)	40.00	30.00	22.00	28.00	25.00	20.00
Sample prepared and not analyzed	2.00	2.00	2.00	2.00	2.00	2.00
Complex Matrices (greater than 3 layers)	23.00	18.50	16.50	15.00	14.50	14.00
NESHAP Point Counting, 400 Points (in addition to PLM)	82.00	62.00	32.00	27.00	25.00	23.00
Gravimetry (Sample Reduction) Point Counting, 400 Points	150.00	105.00	85.00	60.00	57.00	55.00
Gravimetry (Sample Reduction) Point Counting, 1000 Points	200.00	152.00	127.00	77.00	75.00	70.00
		1 Day	2 Day	3 Day	4 Day	5 Day
California ARB Method 435, 400 Points (in addition to PLM)		275.00	250.00	155.00	130.00	115.00
California ARB Method 435, 1000 Points (in addition to PLM)		350.00	300.00	260.00	230.00	215.00

TRANSMISSION ELECTRON MICROSCOPY (TEM)

AIRBORNE ASBESTOS FIBER COUNTING

	12 Hour	1 Day	2 Day	3 Day	4 Day	5 Day
AHERA	175.00	125.00	110.00	90.00	80.00	75.00
Yamate Level I or II	175.00	125.00	110.00	90.00	80.00	75.00
NIOSH 7402 Protocol	175.00	125.00	110.00	90.00	80.00	75.00
Additional Grid Openings	31.00	31.00	31.00	31.00	31.00	31.00
Sample prepared and not analyzed	50.00	50.00	50.00	50.00	50.00	50.00

BULK MATERIAL

	1 Day	2 Day	3 Day	5 Day	10 Day
Qualitative	180.00	140.00	100.00	80.00	70.00
Semi-Quantitative (Chatfield), (Area Percent)	200.00	175.00	150.00	130.00	110.00
Quantitative Analysis (Weight Percent)	300.00	250.00	225.00	200.00	175.00
Sample prepared and not analyzed	80.00	80.00	80.00	80.00	80.00

Please see last page for terms and conditions

EXHIBIT F



Eff. Date: 01/01/19
End Date: 12/31/22

Asbestos Laboratory Services LAB RATES 5629 – WOOD (POLA)

MICROVAC	Same Day	1 Day	2 Day	3 Day	5 Day	10 Day
Qualitative	220.00	180.00	140.00	100.00	80.00	70.00
ASTM Method D5755 (Fibers/Area)	275.00	250.00	225.00	200.00	150.00	100.00
ASTM Method D5756 (Mass/Area)	--	--	300.00	250.00	200.00	150.00
ASTM Method D6480 (Wipe, Fibers/Area)	285.00	250.00	225.00	200.00	150.00	100.00
Sample prepared and not analyzed	80.00	80.00	80.00	80.00	80.00	80.00
WATER / WASTE WATER	Same Day	1 Day	2 Day	3 Day	5 Day	10 Day
Drinking Water, EPA Protocol (MFL)	--	225.00	200.00	175.00	150.00	125.00
Waste Water, modified EPA Protocol (MFL)	325.00	300.00	275.00	250.00	225.00	200.00
Waste Water, Title 22 (Weight Percent)	--	425.00	400.00	350.00	325.00	300.00
Sample prepared and not analyzed	80.00	80.00	80.00	80.00	80.00	80.00

Please see last page for terms and conditions

EXHIBIT F



Eff. Date: 01/01/19
End Date: 12/31/22

Specialty Laboratory Services LAB RATES 5629 – WOOD (POLA)

	Same Day	1 Day	2 Day	3 Day	4 Day	5 Day
Opaques, Combustion Products, Limited Particle ID By PLM	300.00	225.00	175.00	140.00	120.00	110.00
						Per Hour
Opaques, Combustion Products, Full Particle ID By PLM						275.00
	Same Day	1 Day	2 Day	3 Day	4 Day	5 Day
Opaques Quantitation By PLM	200.00	150.00	125.00	100.00	85.00	75.00
Carbonaceous Quantitation By SEM	200.00	150.00	125.00	100.00	85.00	75.00
						Per Hour
Particulate Characterization By TEM, SEM, micro-FTIR, PCM or PLM						275.00

Please see last page for terms and conditions

EXHIBIT F



Eff. Date: 01/01/19
End Date: 12/31/22

Metals Laboratory Services LAB RATES 5629 – WOOD (POLA)

METALS ANALYSIS OF AIR, PAINT CHIPS, BULK, SOIL, WATER, DUST

TOTAL METAL CONCENTRATION (TTLC)	Same Day	1 Day	2 Day	3 Day	4 Day	5 Day
Lead, Flame AA	25.00	20.00	18.00	16.00	14.00	12.00
Individual Metal, ICP	55.00	30.00	25.00	23.00	22.00	20.00
Additional Metals, ICP (same sample)	25.00	20.00	18.00	16.00	14.00	12.00
Mercury, Cold Vapor	80.00	60.00	40.00	35.00	33.00	30.00
Lead, Graphite Furnace AA	80.00	60.00	40.00	35.00	33.00	30.00
Hexavalent Chromium, Ion Chromatography, Method OSHA ID 215 v.2	200.00	125.00	75.00	70.00	67.00	65.00
Hexavalent Chromium, Colorimetric, Method NIOSH 7600	70.00	50.00	40.00	38.00	36.00	35.00

METALS SCAN	Same Day	1 Day	2 Day	3 Day	4 Day	5 Day
Semi-Quantitative Scan 23 Metals, Method EPA 6010B (Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Tl, V, Zn)	600.00	500.00	250.00	230.00	205.00	160.00
Welding Fume Analysis 13 Metals, Method OSHA ID 125G (Sb, Be, Cd, Cr, Co, Cu, Fe, Pb, Mn, Mo, Ni, V, Zn)	500.00	270.00	250.00	175.00	155.00	140.00

WASTE CHARACTERIZATION	Same Day	1 Day	2 Day	3 Day	4 Day	5 Day
Title 22 (CAM 17) Metals, Method EPA 6010B / 7470A / 7471A (Ag, As, Ba, Be, Cd, Co, Cr, Cu, Hg, Mo, Ni, Pb, Sb, Se, Tl, V, Zn)	500.00	400.00	350.00	250.00	225.00	195.00
RCRA/EPTOX 8 Metals, Method EPA 6010 (As, Ba, Cd, Cr, Pb, Hg, Se, Ag)	400.00	200.00	175.00	135.00	120.00	105.00

WASTE EXTRACTION	1 Day	2 Day	3 Day	4 Day	5 Day
STLC Extraction Only, CA WET	--	150.00	125.00	90.00	75.00
STLC Lead Only, CA WET / EPA 7420	--	--	141.00	104.00	87.00
STLC CAM 17 Metals, CA WET / EPA 6010B / 7470A	--	--	500.00	375.00	285.00
TCLP Extraction Only, EPA 1311	200.00	150.00	125.00	90.00	75.00
TCLP Lead Only, EPA 1311 / 7420	250.00	175.00	141.00	104.00	87.00
TCLP RCRA 8 Metals, EPA 1311 / 6010B / 7470A	--	350.00	300.00	225.00	175.00
Compositing of Waste Samples	10.00	10.00	10.00	10.00	10.00

Minimum time for STLC extraction is 2 days; for TCLP extraction is 1 day; surcharges apply

Please see last page for terms and conditions

EXHIBIT F



Eff. Date: 01/01/19
End Date: 12/31/22

Metals Laboratory Services LAB RATES 5629 – WOOD (POLA)

GRAVIMETRIC, SILICA, OTHER

Gravimetric (Total, Respirable Dust)

pH Analysis

Same Day	1 Day	2 Day	3 Day	4 Day	5 Day
45.00	36.00	33.00	30.00	27.00	25.00
30.00	26.00	23.00	20.00	17.00	15.00

Same Day	1 Day	2 Day	3 Day	4 Day	5 Day
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Crystalline Silica in Air By FTIR

215.00	200.00	175.00	150.00	125.00	110.00
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Crystalline Silica in Air w/ Gravimetry By FTIR

225.00	215.00	200.00	175.00	150.00	125.00
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Crystalline Silica in Air Quartz Only By FTIR

175.00	125.00	100.00	80.00	70.00	60.00
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Crystalline Silica in Air Quartz Only w/ Gravimetry By FTIR

185.00	135.00	110.00	90.00	80.00	70.00
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Please see last page for terms and conditions

EXHIBIT F



Eff. Date: 01/01/19
End Date: 12/31/22

Microbiology Laboratory Services

LAB RATES 5629 – WOOD (POLA)

VIABLE FUNGI

AIR SAMPLES - ANDERSEN SAMPLES/RCS STRIPS

	7-14 Day
Colony Count + Genus ID	40.00
Colony Count + Species ID of Aspergillus/Stachybotrys	45.00
Colony Count + Species ID of all colony forming units	200.00

BULK/SURFACE SAMPLES (BULK, SWABS, DUST, ETC.)

	7-14 Day
Colony Count + Genus ID	50.00
Colony Count + Species ID of Aspergillus/Stachybotrys	55.00
Colony Count + Species ID of all colony forming units	250.00

RODAC CONTACT PLATE SAMPLES

	7-14 Day
Colony Count + Genus ID	40.00
Colony Count + Species ID of Aspergillus/Stachybotrys	45.00
Colony Count + Species ID of all colony forming units	200.00

Standard turnaround time on viable samples is 7-14 days

NON-VIABLE FUNGI

	Same Day	1 Day	2 Day	3 Day
Air Samples (Air-O-Cell, Burkard, Allergenco, Cyclex-D, Bi-Air, Laro, etc.)	42.00	37.00	32.00	25.00
Bulk/Surface Samples - Qualitative (visual area estimation) (Tape lift, bulk material, swabs, macrofungus, etc.)	42.00	37.00	32.00	25.00
Prep Fee	5.00	5.00	5.00	5.00
Field Blank (Air)	15.00	15.00	15.00	15.00

Please see last page for terms and conditions

EXHIBIT F



Eff. Date: 01/01/19
End Date: 12/31/22

Bacteria Laboratory Services LAB RATES 5629 – WOOD (POLA)

BACTERIA

SPECIES IDENTIFICATION

	2 Day	3 Day	4 Day	5 Day
Colony Count	30.00	20.00	18.00	--
Biolog Species Identification (per isolate)	80.00	70.00	55.00	50.00
Biolog Species Identification Comprehensive	500.00	450.00	400.00	300.00

Biolog Species Identification Custom Panel

	2 Day	3 Day	4 Day	5 Day
2-5 isolates	110.00	100.00	85.00	75.00
6-10 isolates	--	--	--	60.00
11-15 isolates	--	--	--	50.00
16-25 isolates	--	--	--	45.00
26+ isolates	--	--	--	40.00

Standard turnaround time for custom panels is 5 day

TOTAL COLIFORMS AND E. COLI/FECAL COLIFORMS

	1 Day	2 Day	3 Day
Qualitative Sewage Screen - Presence/Absence Test (MUG method)	50.00	30.00	25.00
Quantitative Total Coliform and E. coli (Quantitray method)	80.00	40.00	35.00
Qualitative Enterococcus	50.00	30.00	25.00
Qualitative E. coli (MUG method) + Enterococcus	90.00	50.00	45.00
Quantitative Coliform and E. coli (MUG method) + Enterococcus (Quantitray method)	110.00	65.00	--

LEGIONELLA

	Same Day	1 Day	2 Day	7-14 Day
Viable Culture	--	--	--	150.00
PCR Analysis	50.00	40.00	30.00	--

Please see last page for terms and conditions

EXHIBIT F



Eff. Date: 01/01/19
End Date: 12/31/22

Bacteria Laboratory Services LAB RATES 5629 – WOOD (POLA)

FOOD MICROBIOLOGY

	2 Day	3 Day	4 Day	5 Day
Biolog Food Panel 1 Listeria monocytogenes, Salmonella spp., E. coli 0157:H7	125.00	105.00	95.00	85.00
Biolog Food Panel 2 Listeria spp., Salmonella spp., E. coli 0157:H7, Bacillus cereus, Staphylococcus aureus	150.00	125.00	115.00	110.00
Biolog Food Panel 3 Listeria spp., Salmonella spp., E. coli 0157:H7, Bacillus cereus, Vibrio spp., Staphylococcus aureus, Streptococcus spp., Shigella spp., E. coli, Total Coliforms	400.00	300.00	250.00	200.00

	Same Day	1 Day	2 Day	5 Day
Water Activity	40.00	35.00	32.00	25.00

PARASITES

BED BUG

	Same Day	1 Day	2 Day
DNA Detection by qPCR, First Sample	70.00	65.00	60.00
DNA Detection by qPCR, Additional Sample (Volume discount available for 40+ samples)	25.00	20.00	15.00

Please see last page for terms and conditions



PCR Microbiology Laboratory Services

LAB RATES 5629 – WOOD (POLA)

REAL-TIME POLYMERASE CHAIN REACTION (PCR)

SIGNATURE WATER INTRUSION PANEL LEVEL 1

This panel is particularly useful in initial investigations where either air or surface dust samples are taken. It incorporates eight species commonly associated with water damaged environments.

Analysis Code: PCR1W

Acremonium strictum
Chaetomium globosum

Aspergillus flavus
Penicillium chrysogenum

Aspergillus fumigatus
Stachybotrys chartarum

Aspergillus versicolor
Ulocladium botrytis

<1 Day	1 Day	2 Day
387.50	232.50	155.00

SIGNATURE WATER INTRUSION PANEL LEVEL 2

This panel is particularly useful in initial investigations where either air or surface dust samples are taken. It incorporates sixteen species commonly associated with water damaged environments.

Analysis Code: PCR2W

Acremonium strictum
Aspergillus ochraceus
Chaetomium globosum
Penicillium expansum

Aspergillus flavus
Aspergillus sydowii
Eurotium amstelodami
Stachybotrys chartarum

Aspergillus fumigatus
Aspergillus ustus
Penicillium brevicompactum
Stachybotrys echinata

Aspergillus niger
Aspergillus versicolor
Penicillium chrysogenum
Ulocladium botrytis

<1 Day	1 Day	2 Day
587.50	352.50	235.00

SIGNATURE WATER INTRUSION PANEL LEVEL 3

This panel is particularly useful in initial investigations where either air or surface dust samples are taken. It incorporates twenty-four species commonly associated with water damaged environments.

Analysis Code: PCR3W

Acremonium strictum
Aspergillus niger
Aspergillus ustus
Cladosporium sphaerospermum
Penicillium chrysogenum
Stachybotrys chartarum

Alternaria alternata
Aspergillus ochraceus
Aspergillus versicolor
Eurotium amstelodami
Penicillium citrinum
Stachybotrys echinata

Aspergillus flavus
Aspergillus sydowii
Chaetomium globosum
Paecilomyces variotii
Penicillium expansum
Ulocladium botrytis

Aspergillus fumigatus
Aspergillus terreus
Cladosporium cladosporioides
Penicillium brevicompactum
Scopulariopsis brevicaulis
Ulocladium chartarum

<1 Day	1 Day	2 Day
737.50	442.50	295.00

PENICILLIUM/ASPERGILLUS DIFFERENTIATION PANEL LEVEL 1

This panel identifies the most common Penicillium and Aspergillus species associated with water damaged environments. Analysis Code: PCR1D

Aspergillus flavus
Aspergillus versicolor

Aspergillus fumigatus
Penicillium brevicompactum

Aspergillus niger
Penicillium chrysogenum

Aspergillus ochraceus
Penicillium expansum

<1 Day	1 Day	2 Day
387.50	232.50	155.00

Please see last page for terms and conditions



PCR Microbiology Laboratory Services LAB RATES 5629 – WOOD (POLA)

PENICILLIUM/ASPERGILLUS DIFFERENTIATION PANEL LEVEL 2

This panel identifies the sixteen most common Penicillium and Aspergillus species associated with water damaged environments. Analysis Code: PCR2D

Aspergillus flavus	Aspergillus fumigatus	Aspergillus niger	Aspergillus ochraceus
Aspergillus parasiticus	Aspergillus sydowii	Aspergillus terreus	Aspergillus ustus
Aspergillus versicolor	Eurotium amstelodami	Penicillium brevicompactum	Penicillium chrysogenum
Penicillium citrinum	Penicillium crustosum	Penicillium expansum	Penicillium fellutanum

<1 Day	1 Day	2 Day
587.50	352.50	235.00

PENICILLIUM PANEL LEVEL 1

This panel identifies the eight most common Penicillium species found in mold cases. Analysis Code: PCRP

Penicillium brevicompactum	Penicillium chrysogenum	Penicillium citrinum	Penicillium crustosum
Penicillium expansum	Penicillium fellutanum	Penicillium simplicissimum	Penicillium spinulosum

<1 Day	1 Day	2 Day
387.50	232.50	155.00

ASPERGILLUS PANEL LEVEL 1

This panel identifies the eight most common Aspergillus species found in mold cases. Analysis Code: PCR1A

Aspergillus flavus	Aspergillus fumigatus	Aspergillus niger	Aspergillus ochraceus
Aspergillus sydowii	Aspergillus ustus	Aspergillus versicolor	Eurotium amstelodami

<1 Day	1 Day	2 Day
387.50	232.50	155.00

Please see last page for terms and conditions



PCR Microbiology Laboratory Services

LAB RATES 5629 – WOOD (POLA)

ENVIRONMENTAL RELATIVE MOLDINESS INDEX (ERMI) PANEL

This panel quantifies 36 species of molds by qPCR to produce an ERMI™ score. This score rates your home on the EPA-developed Relative Moldiness Index, which assesses the likelihood that your home has been involved in a mold growth event in the past or in the present. Analysis Code: PCRERMI

Acremonium strictum	Alternaria alternata	Aspergillus flavus	Aspergillus fumigatus
Aspergillus niger	Aspergillus ochraceus	Aspergillus penicilloides	Aspergillus restrictus
Aspergillus sclerotiorum	Aspergillus sydowii	Aspergillus unguis	Aspergillus ustus
Aspergillus versicolor	Aureobasidium pullulans	Chaetomium globosum	Cladosporium cladosporioides I
Cladosporium cladosporioides II	Cladosporium herbarum	Cladosporium sphaerospermum	Epicoccum nigrum
Eurotium amstelodami	Fusarium soli	Mucor racemosus	P.decumbens
P.expansum	Paecilomyces variotii	Penicillium brevicompactum	Penicillium chrysogenum
Penicillium corylophilum	Penicillium crustosum	Penicillium purpurogenum	Penicillium spinulosum
Penicillium variable	Rhizopus stolonifer	Scopulariopsis brevicaulis	Scopulariopsis chartarum
Stachybotrys chartarum	Trichoderma viride	Ulocladium chartarum	Wallemia sebi

<1 Day	1 Day	2 Day
360.00	250.00	180.00

Please see last page for terms and conditions

EXHIBIT F



Eff. Date: 01/01/19
End Date: 12/31/22

PCR Microbiology Laboratory Services LAB RATES 5629 – WOOD (POLA)

CUSTOMIZED PANEL

These panels identify species on a customized basis for any situation and will give results for only requested species. Price is on a per species basis. Analysis Code: PCRC

1-4 Species

5-8 Species

9 or More Species

Acremonium strictum
Aspergillus flavus/oryzae
Aspergillus parasiticus
Aspergillus sydowii
Aspergillus ustus
Chaetomium globosum
Emericella nidulans/quadrilineata
Penicillium brevicompactum
Penicillium corylophilum
Penicillium fellutanum
Penicillium simplicissimum
Scopulariopsis chartarum
Ulocladium botrytis

Alternaria alternate
Aspergillus fumigatus
Aspergillus penicilloides
Aspergillus tamari
Aspergillus versicolor
Cladosporium cladosporioides
Epicoccum nigrum
Penicillium chrysogenum
Penicillium crustosum
Penicillium glabrum/purpurescens/spinulosum
Penicillium variable
Stachybotrys chartarum
Ulocladium chartarum

Aspergillus candidus
Aspergillus niger
Aspergillus restrictus
Aspergillus terreus
Aspergillus wentii
Cladosporium herbarum
Eurotium species
Penicillium citrinum
Penicillium decumbens
Penicillium islandicum
Rhizopus stolonifer
Stachybotrys echinata
Wallemia sebi

<1 Day	1 Day	2 Day
--	--	--
87.50	52.50	35.00
62.50	37.50	17.50
50.00	30.00	15.00

Aspergillus clavatus
Aspergillus ochraceus
Aspergillus sclerotiorum
Aspergillus unguis
Aureobasidium pullulans
Cladosporium sphaerospermum
Paecilomyces variotii
Penicillium commune/crustosum/solium
Penicillium expansum
Penicillium purpurogenum
Scopulariopsis brevicaulis/fusca
Trichoderma viride/koningii

OTHER

PCR Flexible Healthcare Facility Panel

PCR Infection Control Panel

Sample received but not analyzed

<1 Day	1 Day	2 Day
275.00	165.00	110.00
437.50	262.50	131.00
17.50	17.50	17.50

Standard turnaround time for all panels is 2 days. Add \$20.00 for bulk samples

Please see last page for terms and conditions

EXHIBIT F



Eff. Date: 01/01/19
End Date: 12/31/22

Sample Media and Equipment Rental LAB RATES 5629 – WOOD (POLA)

SAMPLE MEDIA

IH/ENVIRONMENTAL

	Each
PCM Cassettes (25mm, 0.8um MCE)	1.00
TEM Cassettes (25mm, 0.45um MCE)	2.00
Metals Cassettes (37mm, 0.8um MCE)	2.00
Not to be used for mercury testing	
Metals/Dust Matched Weight Cassettes (37mm, 0.8um MCE)	7.00
Dust Only Matched Weight Cassettes (37mm, 0.45um PVC)	7.00
For respirable and nuisance dust	
Metals Water Bottles (250mL, HDPE)	3.00
TEM Water Bottles (1L, HDPE)	4.50
Centrifuge Tubes (50mL)	0.30
Ghost Wipes	0.25
Wipe Templates (1 sq ft)	40.00
Tape lift Kits (2 slides)	6.00
Tape lift Kits (5 slides)	10.00

MICROBIOLOGY

	Each	Pack of 10
Malt Extract Agar (MEA) Plates	2.00	15.00
Tryptic Soy Agar (TSA) Plates	2.00	15.00
Allergenco-D Cassettes	5.00	--
Tape Lift Kits (2 slides)	6.00	--
Tape Lift Kits (5 slides)	10.00	--
Water Bottles with Sodium Thiosulfate (120mL)	1.50	--
Water Bottles with Sodium Thiosulfate (290mL)	2.00	--

EQUIPMENT RENTAL

IH/ENVIRONMENTAL

	Daily
Rotometer Rental	25.00
Pump, Rotometer, & Stand Rental (High volume)	25.00
Pump, Rotometer, & Stand Rental (Low volume)	25.00

Please see last page for terms and conditions

EXHIBIT F



Eff. Date: 01/01/19

End Date: 12/31/19

Sample Media and Equipment Rental LAB RATES 5629 – WOOD (POLA)

MICROBIOLOGY

Andersen Sampler Rental

Zefon Bio-Pump Rental

Daily

50.00

25.00

Same day turnaround times (TATs) are not guaranteed. Prior scheduling is required on all RUSH Same Day services.

There is a \$250 Lab Opening fee for after-hours/weekend lab services. Forensic Analytical Laboratories may subcontract client samples to other FALI locations to meet client TATs. Rates will be held firm for the duration of the contract, 2019-2022 (POLA projects only). Turnaround times are calculated in days, not hours. Turnaround times begin when the samples are received in the laboratory. Please contact us for additional information.

For Internal Use Only

Reviewed By: NADAMS Date: 03/13/19

EXHIBIT F

Gahagan & Bryant Associates, Inc.
10541 Humbolt Street
Los Alamitos, CA 90720
(310) 521-8127
www.gba-inc.com



Gahagan & Bryant Associates, Inc.

Description/Classification	Effective 1 January 2019
Hourly Labor Rates	
Principal	\$364.00
Sr. Associate	\$278.00
Associate	\$190.00
Sr. Engineer/ Scientist	\$147.00
Engineer II/ Scientist II	\$113.00
Engineer I/ Scientist I	\$96.00
Sr. Technician	\$106.00
Technician II	\$92.00
Technician I	\$72.00
Administrative	\$76.00
Other Direct Costs	(All at 0 percent markup)
Survey Systems:	
Single Beam Survey System	\$3,000/day
Multi Beam Survey System	\$3,400/day
Side Scan Syst. (additive to SB/MB Syst.)	\$1,360/day
RTK Survey System	\$100/day
Office Data Processing Systems:	
Single Beam Survey System	\$40/day
Multi Beam Survey System	\$50/day
Side Scan Syst. (additive to SB/MB Syst.)	\$300/day

POLA On-Call Engineering 2019-2022

HOUSTON
832-377-4800

TAMPA
813-831-4408

PHILADELPHIA
215-425-6283

ROHNERT PARK, CA
707-595-3492

NORTH CAROLINA
910-313-3338

WILMINGTON, DE
302-652-4948

BALTIMORE
410-682-5592



EXHIBIT F

Fee Schedule (USD)

(Effective Jan 1 2020 to Dec 31 2022)

Principals:		\$265.00
Specialists:		\$240.00
Engineers:	Level A	\$140.00
	Level B	\$152.00
	Level C	\$172.00
	Level D	\$198.00
	Level E	\$225.00
	Level F	\$250.00

Technicians:	Level A	\$105.00
	Level B	\$123.00
	Level C	\$139.00
	Level D	\$161.00

Drafting/CADD:	Level A	\$98.00
	Level B	\$109.00
	Level C	\$121.00
	Level D	\$135.00



Southern California

2726 Walnut Ave.
Signal Hill, CA 90755
Ph (562) 427-6899
Fax (562) 427-3314

Date: _____

Job No. :

Client:

Location:

Rig No.

Crew:

Mobilization Start:

Time Arrive Site:

Time Leave Site:

Mobilization Finish:

Tailgate Safety Meeting	Y	N
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[illegible]

Notes:

Client

Signature: _____

Printed Name: _____

Date: _____

EXHIBIT F
DRILLING - CONE PENETRATION TESTING SERVICES
EFFECTIVE JANUARY 1, 2019
PREVAILING WAGE RATE SCHEDULE

Equipment & Labor	Rate	Units	Materials	Rate	Units
Truck Cone Penetration Test Rig, 2-man crew	\$ 450.00	hour	2" Blank PVC Sch 40	\$ 5.00	foot
Mud Rotary rig, two man crew,	\$ 380.00	hour	2" Slotted PVC Sch 40	\$ 10.00	foot
Fraste FS400/Gefco Rotary Rig, 3-man crew	\$ 460.00	hour	4" Blank PVC Sch 40	\$ 12.00	foot
Sonic Drill Rig, 3-man crew	\$ 800.00	hour	4" Slotted PVC Sch 40	\$ 16.00	foot
Truck/Track-Mounted Auger rig, 2man crew	\$ 350.00	hour	2" Fittings - Threaded	\$ 10.00	each
CME 95/850 Auger rig, 3-man crew	\$ 425.00	hour	2" Fittings - Slip	\$ 5.00	each
Air Vacuum Excavation, 2-man crew	\$ 295.00	hour	4" Fittings - Threaded	\$ 20.00	each
Truck Mounted Direct Push Rig, 1-man crew	\$ 240.00	hour	4" Fittings - Slip	\$ 10.00	each
Water Truck Rig Tender	\$ 400.00	day	2" Locking Cap - Star Cap	\$ 60.00	each
Service Truck, CPT Support Truck	\$ 200.00	day	4" Locking Cap - Star Cap	\$ 70.00	each
Mud System	\$ 250.00	day	2" Locking Cap - Morrisons	\$ 20.00	each
Grout Pump/Steam Cleaner	\$ 150.00	hour	4" Locking Cap - Morrisons	\$ 30.00	each
Service Runs	\$ 200.00	hour	3/4" PVC Blank	\$ 4.50	foot
Front-End Loader/Bobcat/Forklift	\$ 300.00	day	3/4" PVC Slotted	\$ 6.00	foot
Fork Lift Delivery/Pickup	\$ 125.00	hour	3/4" Fittings	\$ 5.00	each
Additional Crew Member	\$ 110.00	mn/hr	Filter Sand - 50 lbs	\$ 15.00	bag
Premium Time -> 8 hours	\$ 50.00	mn/hr	Bentonite Chips	\$ 20.00	each
Per Diem	\$ 200.00	day	Bentonite Pellets TR-30 (5 gal. pail)	\$ 90.00	each
LIF-UVOST	\$ 1,850.00	day	Bentonite Pellets Reg (5 gal. pail)	\$ 60.00	each
Saphire Window	\$ 150.00	each	Bentonite Drill Mud	\$ 24.00	bag
Ventilation Equipment, blower, 150' hose	\$ 300.00	day	Bentonite Grout	\$ 32.00	bag
Pump Rig - 1-man crew	\$ 240.00	hour	Portland Cement	\$ 15.00	bag
Submersible Pump	\$ 175.00	day	Ready Mix Concrete	\$ 10.00	bag
Portable Water Trailer	\$ 150.00	day	Quick Set Concrete	\$ 25.00	bag
Horiba Meter	\$ 115.00	day	Monitoring Well Box	\$ 150.00	each
			Anodized Stand Pipe	\$ 250.00	each
Materials			Bollards	\$ 60.00	each
55-gallon Drum	\$ 55.00	each	Wood Plugs	\$ 20.00	each
1/4" or 1/2" Polyethelyne Tubing	\$ 1.00	foot	Core Box - Wood - HQ, NQ	\$ 60.00	each
Disposable Tips	\$ 35.00	each	Core Box - Cardboard HQ, NQ, PQ	\$ 30.00	each
Disposable Bailers	\$ 15.00	each	Level C PPE	\$ 75.00	mn/dy
SS Vapor Probes	\$ 45.00	each	Traffic Cones	\$ 28.00	each
PVC Vapor Probes	\$ 12.00	each	Concrete Core < 8" dia, 6" thick max	\$ 75.00	each
Sample Rings	\$ 8.00	each	Concrete Core 10" - 14", 6" thick max	\$ 125.00	each
Macro Core Tubes	\$ 8.00	each	Sales Tax Materials(at local rates)		

EXHIBIT F



FEE SCHEDULE

Effective January 1, 2019 – December 31, 2022

Classification - Engineers

	Hourly Rate
Expert Witness	\$ 319.00
Principal	\$ 258.00
Vice President	\$ 242.00
Project Manager	\$ 185.00
Project Engineer	\$ 160.00
Engineer III (Sr. Design Engineer)	\$ 144.00
Engineer II (Design Engineer)	\$ 124.00
Engineer I / CAD Technician (Designer)	\$ 113.00

Classification – Miscellaneous

	Hourly Rate
Controller	\$ 103.00
Clerical	\$ 77.00

Classification - Surveyors

Field Survey Party (4 hrs. Minimum Charge)

	Hourly Rate
One Person Party	\$ 180.00
Two Person Party	\$ 309.00
Three Person Party	\$ 402.00

Office/ Field Management

Principal	\$ 258.00
Director	\$ 201.00
Project Manager	\$ 185.00
Chief of Parties	\$ 155.00
Project Surveyor	\$ 113.00
Assistant Project Surveyor	\$ 88.00

Office CADD & Administration Services

	Hourly Rate
CADD Technician	\$ 113.00
Project Assistant/Researcher	\$ 88.00
Clerical	\$ 77.00

**FEE SCHEDULE****KEHOE TESTING & ENGINEERING****PORT OF LOS ANGELES ON-CALL DESIGN**

CONE PENETRATION TESTING (CPT) SERVICES/PRICING (incl. Materials)	UNIT	RATE	NIGHT	SATURDAY	SUNDAY
CPT Soundings w/ CPT Rig (up to 8 hrs)	1 day	3,200	3,600	3,600	3,800
CPT Soundings w/ CPT Rig (up to 6 hrs)	3/4 day	2,500	2,800	2,800	2,950
CPT Soundings w/ CPT Rig (up to 4 hrs)	1/2 day	1,700	1,900	1,900	2,000
CPT Soundings w/ Direct Push, Limited or Track Rig (up to 8 hrs)	1 day	3,200	3,600	3,600	3,800
CPT Soundings w/ Direct Push, Limited or Track Rig (up to 6 hrs)	3/4 day	2,500	2,800	2,800	2,950
CPT Soundings w/ Direct Push, Limited or Track Rig (up to 4 hrs)	1/2 day	1,700	1,900	1,900	2,000

CPT SERVICES/PRICING INCL. PREVAILING WAGE (incl. Materials)	UNIT	PW RATE	PW NIGHT	PW SATURDAY	PW SUNDAY
CPT Soundings w/ CPT Rig (up to 8 hrs)	1 day	4,000	4,800	4,800	5,150
CPT Soundings w/ CPT Rig (up to 6 hrs)	3/4 day	3,100	3,800	3,800	3,200
CPT Soundings w/ CPT Rig (up to 4 hrs)	1/2 day	2,100	2,700	2,700	2,950
CPT Soundings w/ Direct Push, Limited or Track Rig (up to 8 hrs)	1 day	4,000	4,800	4,800	5,150
CPT Soundings w/ Direct Push, Limited or Track Rig (up to 6 hrs)	3/4 day	3,100	3,800	3,800	3,200
CPT Soundings w/ Direct Push, Limited or Track Rig (up to 4 hrs)	1/2 day	2,100	2,700	2,700	2,950

OTHER SERVICES/PRICING	UNIT	RATE
Additional Man for Hand Augering to Pre-Clear Each Location	day	300
Additional Man for Hand Augering to Pre-Clear Each Location (incl. Prevailing Wage)	day	350
Seismic Shear Wave Measurements	each	30
Pore Pressure Dissipation Testing w/ CPT Rig (applies w/ footage rate)	hour	370
Pore Pressure Dissipation Testing w/ CPT Rig (applies w/ footage rate, incl. Prevailing Wage)	hour	450
Concrete Coring (up to 8" thick)	each	85
Mob/Demob	each	200
Mob/Demob (incl. Prevailing Wage)	each	250

STANDBY TIME/ADDITIONAL HOURS	UNIT	RATE
CPT Rig, Direct Push, Limited or Track Rig	hour	370
CPT Rig, Direct Push, Limited or Track Rig (incl. Prevailing Wage)	hour	450

* All unit prices will remain valid for up to 3 years. The current Prevailing Wage (PW) rates reflect the most recent DIR classification rate issued on 08/22/19. Must call for an estimate based on a specific scope of work.

(Rev.09/24/19-CPT)

EXHIBIT F

FIRM NAME: Khalifeh & Associates, Inc.		Hourly Base Rates 2019 to 2022
Principal		252.00
Senior Project Manager		227.00
Senior Engineer		192.00
Engineer		166.00
Designer		136.00
Administrative		86.00

EXHIBIT F

2141 W. Orangewood Avenue, Orange, CA 92868
T: (714) 573-0317 | F: (714) 573-9534 | www.koacorp.com
MONTEREY PARK ORANGE ONTARIO SAN DIEGO LA QUINTA



The following rates will be held firm for the duration of the contract, from 2019 to 2022.

KOA Corporation 2019-2022 Hourly Billing Rates	
Professional Services	2019 Rates
President/CEO	\$330.75
Principal II	\$278.25
Principal I	\$236.25
Senior Engineer II	\$225.75
Senior Engineer I	\$189.00
Senior Associate Engineer II	\$147.00
Senior Associate Engineer I	\$131.25
Associate Engineer II	\$120.75
Associate Engineer I	\$105.00
Senior Designer II	\$173.25
Senior Designer I	\$136.50
Associate Designer II	\$105.00
Associate Designer I	\$78.75
Senior Planner II	\$225.75
Senior Planner I	\$189.00
Senior Associate Planner II	\$147.00
Senior Associate Planner I	\$131.25
Associate Planner II	\$120.75
Associate Planner I	\$105.00
Administrative Assistant II	\$57.75
Intern	\$225.75

EXHIBIT F

4/2/19

K Vac Environmental Services

Hourly Base Rates	Hourly Base Rates Nonexempt Labor (Y/N)		
	2019 & 2020	2021	2022
Project Manager	\$145.00	\$145.00	\$145.00
Chemist	\$145.00	\$145.00	\$145.00
Technician	\$95.00	\$95.00	\$95.00
RCRA Vacuum Truck	\$165.00	\$165.00	\$165.00
Roll Off truck	\$180.00	\$180.00	\$180.00
Winch Truck	\$185.00	\$185.00	\$185.00
Drum Truck	\$165.00	\$165.00	\$165.00
Operator	\$145.00	\$145.00	\$145.00
Stake Bed	\$130.00	\$130.00	\$130.00
Confined Space Crew (non-hazardous) 3-man	\$475.00	\$475.00	\$475.00
Confined Space Crew (hazardous) 5-Man Crew	\$825.00	\$825.00	\$825.00
Pressure Washer	\$385.00 Daily	\$390.00 Daily	\$395.00 Daily
Bobcat/Skid Steer (unoperated)	\$500.00 Daily	\$515.00 Daily	\$530.00 Daily
Jetter (unoperated up to 12" lines)	\$120.00 Daily	\$125.00 Daily	\$130.00 Daily
20yd closed top/open top bins	\$15.00 Daily	\$15.00 Daily	\$15.00 Daily
21,000 Gallon Storage Frac Tank	\$50.00 Daily	\$55.00 Daily	\$60.00 Daily
Frac Tank Containment Berm	\$35.00 Daily	\$35.00 Daily	\$35.00 Daily
275-gallon tote with cage (new)	\$450.00 Each		
Cubic Yard Box	\$100.00	\$105.00	\$110.00
85g overpack (steel)	\$210.00	\$215.00	\$220.00
55g open top (steel)	\$50.00	\$50.00	\$50.00
95g overpack (poly)	\$275.00	\$275.00	\$275.00
55g open top (poly)	\$95.00	\$95.00	\$95.00
5g screw top (poly)	\$20.00	\$20.00	\$20.00
Vermiculite	\$30.00	\$30.00	\$30.0
Disposal	Cost + 25%	Cost + 25%	Cost + 25%

EXHIBIT F



Overtime				
Occasion	Factor	Factor	Factor	Nonexempt Labor
	2019 & 2020	2021	2022	Y (hourly Staff)
Holiday	\$290.00	\$290.0	\$290.00	Y (hourly Staff)
Weekend	\$218.00	\$218.00	\$218.00	Y (hourly Staff)
Night	\$218.00	\$218.00	\$218.00	Y (hourly Staff)

www.kvacenv.com

EXHIBIT F

LaBelle Marvin, Inc.

PROFESSIONAL PAVEMENT ENGINEERING

SCHEDULE OF FEES

POLA ON-CALL PAVEMENT ENGINEERING REPORTS & DESIGN SERVICES

Valid for 2019 - 2022

2700 South Grand Avenue

Santa Ana, CA 92705

PH 714-546-3468

A. PROFESSIONAL ENGINEERING SERVICES

Dated 4.8.2019

1. ENGINEERING STAFF

SPECIAL NOTES

Key Personnel	RATE	OVERTIME	PREVAILING WAGE	PREVAILING WAGE OVERTIME
Principal Engineer	\$225.00/hr	\$225.00/hr		
Project Engineer	\$175.00/hr	\$175.00/hr		
Engineering Aide	\$145.00/hr	\$145.00/hr		
Report Preparation	\$70.00/hr	\$70.00/hr		
3. SPECIALITY SERVICES				
Field Testing Data Analysis (FWD, GPR)	\$145.00/hr	\$145.00/hr		
AutoCAD Technician I	\$115.00/hr	\$115.00/hr		
Sr. AutoCAD Designer	\$145.00/hr	\$145.00/hr		
Traffic Control Technician	\$80.00/hr	\$120.00/hr		
3.CONSTRUCTION INSPECTION				
Field Technician	\$80.00/hr	\$120.00/hr	\$110.00/hr	\$150.00/hr
Field Technician Compaction*	\$90.00/hr	\$135.00/hr	\$120.00/hr	\$160.00/hr
Nuclear Gauge Surcharge	\$10.00/hr	\$10.00/hr	\$10.00/hr	\$10.00/hr
3.LABORATORY TESTING				
Laboratory Staff	\$80.00/hr	\$120.00/hr		
4. EXPERT WITNESS SERVICES				
Preparation for Court Appearances and/or Deposition	\$325.00/hr			
Deposition and or Court Appearance	\$450.00/hr			

B. FIELD SAMPLING AND TESTING SERVICES

5. FALLING WEIGHT DEFLECTION TESTING AND GROUND PENETRATING RADAR

SPECIAL NOTES

Type	1/2 DAY	FULL DAY	ASTM	CALTRANS
FWD Equipment w/ Technician	\$2,500.00	\$3,500.00		356
GPR Equipment w/ Technician	\$2,500.00	\$3,500.00		
Mobilization	\$200.00/hr	\$200.00/hr		

6. PAVEMENT CORING / FORENSIC TESTING

Type	RATE	OVERTIME	ASTM	CALTRANS
Coring Truck Equipment w/ Technician	\$160.00/hr			
Mobilization	\$200.00/hr			
AC Pavement Coring	\$8.00/inch			
PCC Pavement Coring	\$10.00/inch			
Core Trimming - Per Cut	\$25.00/cut			

7. TRAFFIC CONTROL SERVICES

Traffic Control w/ Technician	\$125.00/hr	\$145.00/hr		
Large Scale Traffic Control	By Quote			

8. RIDE QUALITY TESTING

Skid Testing	By Quote		E 670-94	
Profilograph Testing	\$200.00/hr			
Data Analysis	\$145.00/hr			
Mobilization	\$200.00/hr			

EXHIBIT F

LaBelle Marvin, Inc.

PROFESSIONAL PAVEMENT ENGINEERING

SCHEDULE OF FEES

POLA ON-CALL PAVEMENT ENGINEERING REPORTS & DESIGN SERVICES

Valid for 2019 - 2022

2700 South Grand Avenue

Santa Ana, CA 92705

PH 714-546-3468

C. FIELD SAMPLING AND TESTING SERVICES

Dated 4.8.2019

9. SOILS, AGGREGATES AND AGGREGATE BASE

SPECIAL NOTES

Type	RATE	ASTM	CALTRANS
Sieve Analysis, Coarse	\$90.00	C136	202-C
Sieve Analysis, Fine (wash)	\$110.00	C136	202-C
Specific Gravity, Bulk SSD, Coarse	\$100.00	C127	206
Specific Gravity, Fine	\$160.00	128	207
Absorption, Coarse	\$90.00	C127	206
Absorption, Fine	\$130.00	C128	207
Sand Equivalent (Ave. 3)	\$110.00	D2419	217
Durability Factor, Coarse or Fine	\$160.00	D3744	229
Cleanliness Value	\$160.00		227
Los Angeles Rattler	\$330.00	C131	211
Unit Weight	\$100.00	C29	212
Hydrometer Analysis	\$220.00	D422	203
Plasticity Index	\$180.00	D424	204
Maximum Density and Optimum Moisture	\$210.00	D1557	216
R-Value	\$250.00	D2844	301
R-Value (Lime Treated)	\$330.00		
California Bearing Ratio (CBR)	\$500.00	D1883	
California Bearing Ratio (CBR) - 1 Point	\$225.00		
California Bearing Ratio (CBR) - Lime Treated	\$600.00		
pH - Per Determination	\$120.00	C977	
pH - Eades & Grimm	\$230.00		
Unconfined Compression	\$85.00		
Crushed Particle	\$135.00		205
Flat & Elongated Particle	\$215.00	D4791	
Angularity	\$190.00	D4791	
Moisture Content	\$40.00	D2216	226
Subgrade Density (Drive Tube)	\$100.00	D2937	

*NOTE: Maximum Density/Optimum Moisture not included

*NOTE: Sample prep. not included

10. STABILIZED SOILS AND AGGREGATES

Emulsion, Cement or Lime Stabilization Inv.	By Quote		
Investigation, Design, Specifications and QC	By Quote		

11. PORTLAND CEMENT CONCRETE

Flexural Strength	\$105.00	C293	\$523
Mix Design Reviews	By Quote		
Slump Test (in Field)	By Quote		

EXHIBIT F

LaBelle Marvin, Inc.

PROFESSIONAL PAVEMENT ENGINEERING

SCHEDULE OF FEES

POLA ON-CALL PAVEMENT ENGINEERING REPORTS & DESIGN SERVICES

Valid for 2019 - 2022

2700 South Grand Avenue

Santa Ana, CA 92705

PH 714-546-3468

12. ASPHALT CONCRETE

Asphalt Concrete Mix Design, Marshall Stability	By Quote		
Hveem Stabilometer Method	By Quote		
Stability Tests - Hveem (s-Value)	\$275.00	D1560_D1561	304_366
Stability Tests - Moisture Vapor Susceptibility	\$300.00		307
Stability Tests - Swell	\$190.00		305
Stability Tests - Combined Marshall and Retained Strength	\$400.00		
Maximum Lab. Density - Marshall or Hveem	\$210.00		
Maximum Lab. Density - (Rice Gravity) Max. Theoretical	\$130.00	D2041	
Tensile Strength Ratio (TSR)	\$750.00		
Tensile Strength Ratio (TSR) - Freeze/Thaw	\$800.00		
Tensile Strength Ratio (TSR - CT 371)	\$1,775.00		
Extraction, % Asphalt	\$300.00		310
Binder Content - Ignition Oven	\$245.00		382
Extraction, % Asphalt (Reflux)	\$245.00	D2172	
Solvent Charge (Reflux)	\$50.00	for D2172*	
% Rubber	\$100.00		
Extraction, % Asphalt Recovery (Abson Method)	\$350.00	D2172_D1856	
Gradation of Extracted Aggregate	\$110.00	C136	202
Density and Thickness on Core Samples	\$60.00	D1188_D2726_D3549	308
Stripping (pre-mixed sample)	\$125.00	D1664	302
Permeability, VDOT	\$225.00		

Dated 4.8.2019

*NOTE: 1 aggregate plus 1 asphalt

*NOTE: 1 aggregate plus 1 asphalt

*NOTE: Pre-Mixed or Cored

*NOTE: Pre-Mixed or Cored

*NOTE: Pre-Mixed or Cored

*NOTE: Pre-Mixed or Cored

*NOTE: Pre-Mixed or Cored

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*NOTE: Pre-Mixed or Cored

*NOTE: Pre-Mixed or Cored

13. ASPHALT CEMENT

R.T.F.C	\$290.00	D2872	346
R.T.F.C. - w/ Loss on Heating	\$350.00	D2872	346
Absolute Viscosity @ 140F° (60C°), Poise	\$180.00	D2171	
Haake Viscosity (Caltrans LP 11)	\$180.00		
Kinematic Viscosity @ 275F° (135C°) or 140F° (60C°)	\$180.00	D2170	
Penetration @ 77F° (25C°), 100g/5 sec	\$100.00	D5	
Penetration After Treatment w/ Rejuvenating Agent	\$130.00		
Ductility @ 77F° (25C°), cm.	\$270.00	D113	
Flash Point, COC or Pensky-Martens	\$170.00	D92_D93	
Softening Point	\$170.00	D36	
Solubility in Trichloroethylene, %	\$200.00	D2042	
Spot Test, AASHTO T 102	\$150.00		
Specific Gravity	\$130.00	D70	

14. LIQUID ASPHALT

Viscosity SSF @ 77F° (25C°), sec.	\$175.00	D244	
Viscosity SSF @ 122F° (50C°)	\$200.00		
Settlement Five or Seven Day, %	\$440.00	D244	
Demulsibility	\$130.00	D244	
Particle Charge	\$160.00	D244	343
pH Determination	\$120.00		
Sieve Test, %	\$115.00	D244	
Stripping (pre-mixed sample)	\$115.00	D1664	
Cement Mixing Test	\$170.00	D244	
Distillation and Percent Oil Determination	\$330.00	D402_D244	
Residue by Evaporation Cook-Off or CA Method 330	\$170.00		331
Wet Track Abrasion Test (WTAT)	\$120.00	D3910	
Storage Stability, One Day	\$440.00	D244	
Float Test	\$120.00	D139_D244	
Cone Penetration	\$120.00	D243_D5	
Solids Content by Muffle Oven Burn-Off AASHTO T 288	\$150.00		
Pavement Seal - Non Volatile Components	\$110.00		

*NOTE: Sample Prep. not included

EXHIBIT F

LaBelle Marvin, Inc.

PROFESSIONAL PAVEMENT ENGINEERING

SCHEDULE OF FEES

POLA ON-CALL PAVEMENT ENGINEERING REPORTS & DESIGN SERVICES

Valid for 2019 - 2022

2700 South Grand Avenue
Santa Ana, CA 92705
PH 714-546-3468

Dated 4.8.2019

MINIMUM HOURLY CHARGES

Show-up time and no inspection performed or failure to cancel before 3:30 p.m. on the previous working day, two hours; one to four hours, four hour minimum; four to eight hours, eight hour minimum. Hourly charges will be on a portal to portal basis.

REGULAR HOURLY CHARGES

First eight hours between 7:00 a.m. and 5:00 p.m. Monday through Friday.

OVERTIME HOURLY CHARGES

Over eight hours worked in one day (Monday through Friday), work before 7:00 a.m. and after 5:00 p.m., Sat and Sun., time and a half will be charged. Double time and a half will be charged for work performed on holidays.

Special schedule nighttime field work between the hours of 6:00 p.m. and 6:00 a.m. will be subject to a 25% premium of the Regular Time hourly rate.

PROJECT SUPERVISION

Engineering surcharge applies.

REPORT

A maximum of three copies of the report will be issued to the client for distribution.

Copies of report in excess of three will be provided and charged at our normal hourly Report Preparation rate.

Digital copies are available upon request.

*COMPACTION TESTING

Hourly, Daily, Weekly, or Monthly Nuclear Gauge surcharges apply

MATERIALS TESTING

Rates has been provided for your convenience. The cost of additional tests will be furnished upon request.

A preparation charge will be added to all samples submitted to our laboratory that are not ready for testing.

This preparation charge will be based on the actual time required at the Laboratory Technician's rate per hour.

EXHIBIT F



April 2, 2019

Subject: Port of Los Angeles
Request for Proposals (RFP)
On-Call Engineering Services
Litchfield Engineers Rate Sheet

Classification	Hourly Rate
Principal	\$180.00
Project Manager	\$170.00
Project Engineer	\$160.00
Design Engineer	\$130.00
Staff Engineer	\$100.00
Administrative Assistant	\$75.00
Legal Support / Expert Witness	\$300.00

Rates will be held firm for the duration of the contract, 2019-2022. Rates are subject to increase a minimum of 3% starting January 1, 2023 and increasing each year the contract extends beyond 2022.

EXHIBIT F



17992 Mitchell South, Suite 110, Irvine, CA 92614 • 949.756.0150 • www.lcapouya.com

Rates will be held firm for the duration of the contract – 2019 to 2022

Classification	Fully Burdened Rate
	(Hourly Rate + 205.00% Overhead + 10% Profit)
Principal in Charge	\$312.69
Sr. Project Manager/Design Director	\$219.15
Project Manager/Project Designer	\$160.84
Certified Irrigation Designer	\$154.53
Asst. Project Manager/Tech Services	\$130.64
Job Captain	\$117.76
Design Staff II	\$84.95

EXHIBIT F

957 South Village Oaks Drive
Covina, CA 91724

Phone: (626) 967-1510
Fax: (626) 967-1718
MBImedia.com



March 28, 2019

Brian Butler
Sr. Proposal Manager
Wood

Dear Mr. Butler,

MBI Media is pleased to be part of Wood's team to provide Public Relations and Outreach for the Port of Los Angeles On-Call Engineering RFQ. The following rates will be held firm for the duration of the contract, running from 2019-2022.

MBI Employee Rate Reference Table	
Job Title	Hourly Rate
Principal in Charge	\$ 183.74
Senior Project Manager	\$ 140.98
Construction Relations Representative	\$ 106.98
Resource Project Manager	\$ 104.54
Project Manager	\$ 101.38
Deputy Project Manager	\$ 88.70
Account Coordinator II	\$ 72.86
Account Coordinator I	\$ 57.02
Graphic and Web	
Sr. Graphic Designer	\$ 110.88
Sr. Web Designer	\$ 110.88
Deputy Graphic / Web Designer	\$ 57.02
Social Media Specialist	\$ 72.86
Photography	
Photographer	\$ 105.34
Photo Assistant	\$ 57.02
Library Administrator	\$ 66.53
Video Production	
Media Production	\$ 105.34
Camera Operator	\$ 129.89
Production Assistant	\$ 66.53
Editor	\$ 110.88
Other Jobs	
Administrative Support	\$ 57.02
Copy/Technical Writer, QA/QC	\$ 72.86
Translator / Interpreter	\$ 101.38

Respectfully,

Mary McCormick, President & CEO
MBI Media

PROFESSIONAL RATES

Fee Schedule - 2019

	TITLE	HOURLY RATE
EXECUTIVE:	<i>Principal In Charge</i>	\$225
SENIOR PROFESSIONAL:	<i>Senior Estimator</i>	\$165
	<i>Senior Scheduler</i>	\$165
PROFESSIONAL:	<i>Estimator</i>	\$140

Rates are valid through the duration of the contract, 2019-2022.



EXHIBIT F

P2S INC. PORT OF LOS ANGELES RATE SCHEDULE

Category	Hourly Rate
PRINCIPAL ENGINEER	\$276
ENGINEER GRADE 05	\$261
ENGINEER GRADE 04	\$248
ENGINEER GRADE 03	\$218
ENGINEER GRADE 02	\$200
ENGINEER GRADE 01	\$180
DESIGN ENGINEER GRADE 05	\$218
DESIGN ENGINEER GRADE 04	\$200
DESIGN ENGINEER GRADE 03	\$180
DESIGN ENGINEER GRADE 02	\$161
DESIGN ENGINEER GRADE 01	\$142
DESIGNER GRADE 04	\$152
DESIGNER GRADE 03	\$142
DESIGNER GRADE 02	\$134
DESIGNER GRADE 01	\$124
CAD/BIM DESIGNER GRADE 04	\$124
CAD/BIM DESIGNER GRADE 03	\$116
CAD/BIM DESIGNER GRADE 02	\$104
CAD/BIM DESIGNER GRADE 01	\$94
PROJECT ASSISTANT	\$94

Rates are effective through December 31, 2022.

EXHIBIT F



PACIFIC
RAILWAY
ENTERPRISES, INC.

POLA - On Call Engineering Services

Position	Fully Burdened Labor Rate
Sr. Systems Engineer	\$265.10
Sr. Railroad Systems Technologist IV	\$227.90
Rail Program Manager	\$167.43
Sr. Railroad Systems Technologist III	\$193.01
Sr. Railroad Systems Technologist II	\$160.46
Sr. Railroad Systems Technologist I	\$148.83
Railroad Systems Technologist III	\$120.92
Railroad Systems Technologist II	\$116.27
Railroad Systems Technologist I	\$113.95
Systems Engineer I	\$88.37
Signal Designer III	\$88.37
Signal Designer II	\$69.76
Signal Designer I	\$46.51
Systems Engineer - Intern	\$46.51

*Rates are for the 3 year duration of the contract

EXHIBIT F

Position Classification	Hourly Billing Rate
Port Design Partners, Inc.	2020-2022
Principal	\$279.00
Senior Project Manager	\$261.00
Project Manager III	\$243.00
Project Manager II	\$228.00
Project Manager I	\$214.00
Senior Project Engineer	\$197.00
Project Engineer	\$188.00
Project Designer III	\$141.00
Project Designer II	\$121.00
Project Designer I	\$107.00
CAD Technician III	\$121.00
CAD Technician II	\$112.00
CAD Technician I	\$85.00
Contract Administrator	\$85.00
Project Administrator	\$94.00
Senior Project Assistant	\$80.00

EXHIBIT F



Port of Los Angeles On-Call Engineering Services

RailPros - Rate Sheet (2019)

Classification	Hourly Rates
Senior Project Manager	\$304.84
Project Manager III	\$243.87
Project Manager II	\$222.53
Project Manager I	\$204.24
Senior Project Engineer	\$167.66
Project Engineer	\$137.18
Project Designer III	\$134.13
Project Designer II	\$109.74
Project Designer I	\$97.55
Railway Systems Engineer	\$307.89
Railway Signal Technologist	\$182.90
Railway Signal Designer	\$121.93
Lead Drafter	\$137.18
CAD Technician/Drafter/Illustrator III	\$109.74
CAD Technician/Drafter/Illustrator II	\$100.60
CAD Technician/Drafter/Illustrator I	\$91.45
Administrative/Clerk	\$79.26
Principal Structural Engineer	\$304.84
Senior Structural Engineer	\$228.63
Structural Engineer	\$182.90
Staff Structural Engineer	\$137.18
Assistant Structural Engineer	\$103.64
Senior Traffic Engineer	\$310.93
Staff Traffic Engineer	\$243.87
Assistant Traffic Engineer	\$121.93

*Rates are locked for the duration of the Contract.

EXHIBIT F

Robert Stewart Architects



238 W. Main Street, Suite 202, Tustin, California 92780

FULLY LOADED HOURLY RATES for 2019 - 2022

Classification	Billing Rate
Senior Architect	233.00

Overhead Expenses:

Expenses included in overhead are office expenses such as office rent; telephone and utilities; insurance; supplies and materials; equipment; expense of scanning, printing, xerography, plotting and other reproduction methods utilized for in-house reference, building department plan check, and for review by the Client; and expenses for travel within a 75 mile radius of our office

EXHIBIT F

SPEC Services Rate Schedule

POLB On-Call Design Services 2019

Rates valid 2019 - 2022

Personnel Classification	Hourly Billing Rate
<u>Design & Document Production</u>	
Design Drafter 1	84
Design Drafter 2	101
Designer 1	114
Designer 2	130
Designer 3	152
Designer 4	166
Designer 5	182
Designer 6	196
Project Administrative Assistant	96
Project Accountant	100
<u>Engineering & Project Management</u>	
Engineer 1	138
Engineer 2	152
Engineer 3	173
Engineer 4	205
Engineer 5	233
Procurement Agent 1	100
Procurement Agent 2	126
Procurement Agent 3	156
Project Coordinator	136
Project Manager 1	173
Project Manager 2	205
Project Manager 3	233
Project Control Specialist 1	128
Project Control Specialist 2	152
Project Control Specialist 3	173
Project Control Specialist 4	205
<u>Survey & Field Services</u>	
Survey Technician	94
Survey Party Chief	140
Survey Manager	204
1-Person Survey Crew	189
2-Person Survey Crew	274
3-Person Survey Crew	361

EXHIBIT F



SunStar Laboratories, Inc.					
Analysis Description	Method	Unit Price 2019	Unit Price 2020	Unit Price 2021	Unit Price 2022
Volatile Organic Compounds (VOCs)	EPA 8260B	\$65.00	\$65.00	\$65.00	\$65.00
VOCs + Oxygenates	EPA 8260B	\$70.00	\$70.00	\$70.00	\$70.00
Gasoline Range Organics	EPA 8015B	\$35.00	\$35.00	\$35.00	\$35.00
Total Petroleum Hydrocarbons – Carbon Chain	EPA 8015B	\$40.00	\$40.00	\$40.00	\$40.00
Diesel Range Organics	EPA 8015B	\$35.00	\$35.00	\$35.00	\$35.00
Motor Oil Range Organics	EPA 8015B	\$40.00	\$40.00	\$40.00	\$40.00
Chlorinated Pesticides	EPA 8081A	\$60.00	\$60.00	\$60.00	\$60.00
Polychlorinated Biphenyls (PCBs)	EPA 8082	\$50.00	\$50.00	\$50.00	\$50.00
Organophosphorus Pesticides	EPA 8141	\$110.00	\$110.00	\$110.00	\$110.00
Chlorinated Herbicides	EPA 8151	\$155.00	\$155.00	\$155.00	\$155.00
Semi-Volatile Organic Compounds	EPA 8270C	\$110.00	\$110.00	\$110.00	\$110.00
Polynuclear Aromatic Hydrocarbons SIM	EPA 8270C	\$125.00	\$125.00	\$125.00	\$125.00
Title 22/CAM 17 Metals	EPA 6010/200.7	\$85.00	\$85.00	\$85.00	\$85.00
Title 22/CAM 17 Metals	EPA 6020/200.8	\$105.00	\$105.00	\$105.00	\$105.00
Individual Metal by ICP	EPA 6010/200.7	\$14.00	\$14.00	\$14.00	\$14.00
Individual Metal by ICP/MS	EPA 6020/200.8	\$18.00	\$18.00	\$18.00	\$18.00
2 Metals by ICP	EPA 6010/200.7	\$23.00	\$23.00	\$23.00	\$23.00
2 Metals by ICP/MS	EPA 6020/200.8	\$27.00	\$27.00	\$27.00	\$27.00
Hexavalent Chromium	EPA 7196	\$35.00	\$35.00	\$35.00	\$35.00
Hexavalent Chromium	EPA 7199	\$60.00	\$60.00	\$60.00	\$60.00
Single Anion: Br, Cl, F, NO ₂ , NO ₃ , PO ₄ , SO ₄ *	EPA 300.0	\$20.00	\$20.00	\$20.00	\$20.00
Anions (Cl, NO ₂ , NO ₃ , SO ₄)	EPA 300.0	\$75.00	\$75.00	\$75.00	\$75.00
Cyanide	SM-4500	\$40.00	\$40.00	\$40.00	\$40.00
Total Suspended Solids	SM 2540D	\$15.00	\$15.00	\$15.00	\$15.00
Total Organic Carbon	EPA 415.3	\$40.00	\$40.00	\$40.00	\$40.00
Biological Oxygen Demand	SM 5210B	\$40.00	\$40.00	\$40.00	\$40.00
<u>Other:</u> The list above is a partial list of methods performed by SunStar. Please call for additional methods. Sample containers with preservatives and courier services included.					

EXHIBIT F

2020-2022 Hourly Billing Rates

Role	Hourly Rate (\$)
Principal Architect	283.00
Project Architect/Project Manager	176.00
Project Team Leader	131.00
Intermediate Architect	120.00
Junior Designer	78.00
Project Administrative Assistant	53.00

EXHIBIT G

Company Name & Logo
Address

Accounts Payable Section
Harbor Department, City of Los Angeles
P.O. Box 191
San Pedro, CA 90733-0191
Attention: _____

Project Title:
Agreement No.:
Directive No.:

Invoice No.:
Invoice Date:
Invoice Period:
Federal ID No.:
City Business Tax No.:

Consultant Contact:
Telephone:

Task No.	Description	Fee Type	Contract Amount	Authorized Amount	% Comp	Amount Paid to Date	Prior Invoices	Current Invoice	Remaining Balance
1			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
2			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
3			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
4			\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -
	GRAND TOTAL		\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -

"I certify under penalty of perjury that the above bill is just and correct according to the terms of Agreement No. _____ and that payment has not been received. I further certify that I have complied with the provisions of the City's Living Wage Ordinance."

Project Manager

EXHIBIT H

MONTHLY SUBCONSULTANT MONITORING REPORT

Instructions: Please indicate the SBE/MBE/WBE/OBE/DBE participation levels achieved for the month of _____ covered by the referenced contract number.

Contract No. _____ Division _____ Contractor Administrator _____

Contractor _____ *Group _____ Contract Title/Project _____

Contract Amount _____ Start Date _____ End Date _____

Total Amount Invoiced to Date _____

SBE Mandated Participation Percentage _____ SBE _____ VSBE _____

Proposed Subcontractor Percentage _____ MBE _____ WBE _____ OBE _____ DVBE _____

				PROPOSED		ACTUALS		
	Name of Subcontractor	Type of Work Performed	Group SBE/VSBE/MBE/WBE/OBE/DVBE	Original Proposed Amount	Original Proposed Percentage	Amount Paid to Date	Amount Paid to Date Percentage	Contract Amount Percentage
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

Directions:

Original Proposed Percentage: Original Proposed Percentage of Total Contract Amount

Amount Paid to Date Percentage: Percentage of Total Amount Invoiced to Date

Contract Amount Percentage: Percentage Paid to Date of Total Contract Amount

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

Sec. 10.8.4 Affirmative Action Program Provisions.

Every non-construction contract with or on behalf of the City of Los Angeles for which the consideration is \$100,000 or more and every construction contract with or on behalf of the City of Los Angeles for which the consideration is \$5,000 or more shall contain the following provisions which shall be designated as the AFFIRMATIVE ACTION PROGRAM provisions of such contract:

- A. During the performance of City contract, the contractor certifies and represents that the contractor and each subcontractor hereunder will adhere to an affirmative action program to ensure that in its employment practices, persons are employed and employees are treated equally and without regard to or because of race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
 - 1. This provision applies to work or services performed or materials manufactured or assembled in the United States.
 - 2. Nothing in this section shall require or prohibit the establishment of new classifications of employees in any given craft, work or service category.
 - 3. The contractor shall post a copy of Paragraph A hereof in conspicuous places at its place of business available to employees and applicants for employment.
- B. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to their race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
- C. As part of the City's supplier registration process, and/or at the request of the awarding authority or the Office of Contract Compliance, the contractor shall certify on an electronic or hard copy form to be supplied, that the contractor has not discriminated in the performance of City contracts against any employee or applicant for employment on the basis or because of race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
- D. The contractor shall permit access to and may be required to provide certified copies of all of its records pertaining to employment and to its employment practices by the awarding authority or the Office of Contract Compliance, for the purpose of investigation to ascertain compliance with the Affirmative Action Program provisions of City contracts, and on their or either of their request to provide evidence that it has or will comply therewith.

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

- E. The failure of any contractor to comply with the Affirmative Action Program provisions of City contracts may be deemed to be a material breach of contract. Such failure shall only be established upon a finding to that effect by the awarding authority, on the basis of its own investigation or that of the Board of Public Works, Office of Contract Compliance. No such finding shall be made except upon a full and fair hearing after notice and an opportunity to be heard has been given to the contractor.
- F. Upon a finding duly made that the contractor has breached the Affirmative Action Program provisions of a City contract, the contract may be forthwith cancelled, terminated or suspended, in whole or in part, by the awarding authority, and all monies due or to become due hereunder may be forwarded to and retained by the City of Los Angeles. In addition thereto, such breach may be the basis for a determination by the awarding authority or the Board of Public Works that the said contractor is an irresponsible bidder or proposer pursuant to the provisions of Section 371 of the Los Angeles City Charter. In the event of such determination, such contractor shall be disqualified from being awarded a contract with the City of Los Angeles for a period of two years, or until he or she shall establish and carry out a program in conformance with the provisions hereof.
- G. In the event of a finding by the Fair Employment and Housing Commission of the State of California, or the Board of Public Works of the City of Los Angeles, or any court of competent jurisdiction, that the contractor has been guilty of a willful violation of the California Fair Employment and Housing Act, or the Affirmative Action Program provisions of a City contract, there may be deducted from the amount payable to the contractor by the City of Los Angeles under the contract, a penalty of TEN DOLLARS (\$10.00) for each person for each calendar day on which such person was discriminated against in violation of the provisions of a City contract.
- H. Notwithstanding any other provisions of a City contract, the City of Los Angeles shall have any and all other remedies at law or in equity for any breach hereof.
- I. The Public Works Board of Commissioners shall promulgate rules and regulations through the Office of Contract Compliance and provide to the awarding authorities electronic and hard copy forms for the implementation of the Affirmative Action Program provisions of City contracts, and rules and regulations and forms shall, so far as practicable, be similar to those adopted in applicable Federal Executive Orders. No other rules, regulations or forms may be used by an awarding authority of the City to accomplish this contract compliance program.
- J. Nothing contained in City contracts shall be construed in any manner so as to require or permit any act which is prohibited by law.
- K. The Contractor shall submit an Affirmative Action Plan which shall meet the requirements of this chapter at the time it submits its bid or proposal or at the time it

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

registers to do business with the City. The plan shall be subject to approval by the Office of Contract Compliance prior to award of the contract. The awarding authority may also require contractors and suppliers to take part in a pre-registration, pre-bid, pre-proposal, or pre-award conference in order to develop, improve or implement a qualifying Affirmative Action Plan. Affirmative Action Programs developed pursuant to this section shall be effective for a period of twelve

months from the date of approval by the Office of Contract Compliance. In case of prior submission of a plan, the contractor may submit documentation that it has an Affirmative Action Plan approved by the Office of Contract Compliance within the previous twelve months. If the approval is 30 days or less from expiration, the contractor must submit a new Plan to the Office of Contract Compliance and that Plan must be approved before the contract is awarded.

1. Every contract of \$5,000 or more which may provide construction, demolition, renovation, conservation or major maintenance of any kind shall in addition comply with the requirements of Section 10.13 of the Los Angeles Administrative Code.
2. A contractor may establish and adopt as its own Affirmative Action Plan, by affixing his or her signature thereto, an Affirmative Action Plan prepared and furnished by the Office of Contract Compliance, or it may prepare and submit its own Plan for approval.

L. The Office of Contract Compliance shall annually supply the awarding authorities of the City with a list of contractors and suppliers who have developed Affirmative Action Programs. For each contractor and supplier the Office of Contract Compliance shall state the date the approval expires. The Office of Contract Compliance shall not withdraw its approval for any Affirmative Action Plan or change the Affirmative Action Plan after the date of contract award for the entire contract term without the mutual agreement of the awarding authority and the contractor.

M. The Affirmative Action Plan required to be submitted hereunder and the pre-registration, pre-bid, pre-proposal or pre-award conference which may be required by the Board of Public Works, Office of Contract Compliance or the awarding authority shall, without limitation as to the subject or nature of employment activity, be concerned with such employment practices as:

1. Apprenticeship where approved programs are functioning, and other on-the-job training for non-apprenticeable occupations;
2. Classroom preparation for the job when not apprenticeable;
3. Pre-apprenticeship education and preparation;

EXHIBIT I

AFFIRMATIVE ACTION PROGRAM PROVISIONS

4. Upgrading training and opportunities;
 5. Encouraging the use of contractors, subcontractors and suppliers of all racial and ethnic groups, provided, however, that any contract subject to this ordinance shall require the contractor, subcontractor or supplier to provide not less than the prevailing wage, working conditions and practices generally observed in private industries in the contractor's, subcontractor's or supplier's geographical area for such work;
 6. The entry of qualified women, minority and all other journeymen into the industry; and
 7. The provision of needed supplies or job conditions to permit persons with disabilities to be employed, and minimize the impact of any disability.
- N. Any adjustments which may be made in the contractor's or supplier's workforce to achieve the requirements of the City's Affirmative Action Contract Compliance Program in purchasing and construction shall be accomplished by either an increase in the size of the workforce or replacement of those employees who leave the workforce by reason of resignation, retirement or death and not by termination, layoff, demotion or change in grade.
- O. Affirmative Action Agreements resulting from the proposed Affirmative Action Plan or the pre-registration, pre-bid, pre-proposal or pre-award conferences shall not be confidential and may be publicized by the contractor at his or her discretion. Approved Affirmative Action Agreements become the property of the City and may be used at the discretion of the City in its Contract Compliance Affirmative Action Program.
- P. This ordinance shall not confer upon the City of Los Angeles or any Agency, Board or Commission thereof any power not otherwise provided by law to determine the legality of any existing collective bargaining agreement and shall have application only to discriminatory employment practices by contractors or suppliers engaged in the performance of City contracts.
- Q. All contractors subject to the provisions of this section shall include a like provision in all subcontracts awarded for work to be performed under the contract with the City and shall impose the same obligations, including but not limited to filing and reporting obligations, on the subcontractors as are applicable to the contractor. Failure of the contractor to comply with this requirement or to obtain the compliance of its subcontractors with all such obligations shall subject the contractor to the imposition of any and all sanctions allowed by law, including but not limited to termination of the contractor's contract with the City.

EXHIBIT J

SMALL/VERY SMALL BUSINESS ENTERPRISE PROGRAM AND LOCAL BUSINESS PREFERENCE PROGRAM

(1) SMALL/VERY SMALL BUSINESS ENTERPRISE PROGRAM

The City of Los Angeles Harbor Department is committed to creating an environment that provides all individuals and businesses open access to the business opportunities available at the Harbor Department in a manner that reflects the diversity of the City of Los Angeles. The Harbor Department's Small Business Enterprise (SBE) Program was created to provide additional opportunities for small businesses to participate in professional service and construction contracts. An overall Department goal of 25% SBE participation, including 5% Very Small Business Enterprise (VSBE) participation, has been established for the Program. The specific goal or requirement for each contract opportunity may be higher or lower based on the scope of work.

It is the policy of the Harbor Department to solicit participation in the performance of all service contracts by all individuals and businesses, including, but not limited to, SBEs, VSBEs, women-owned business enterprises (WBEs), minority-owned business enterprises (MBEs), and disabled veteran business enterprises (DVBES). The SBE Program allows the Harbor Department to target small business participation, including MBEs, WBEs, and DVBES, more effectively. It is the intent of the Harbor Department to make it easier for small businesses to participate in contracts by providing education and assistance on how to do business with the City, and ensuring that payments to small businesses are processed in a timely manner. **In order to ensure the highest participation of SBE/VSBE/MBE/WBE/DVBES, all proposers shall utilize the City's contracts management and opportunities database, the Los Angeles Business Assistance Virtual Network (LABAVN), at <http://www.labavn.org>, to outreach to potential subcontractors.**

The Harbor Department defines a SBE as an independently owned and operated business that is not dominant in its field and meets criteria set forth by the Small Business Administration in Title 13, Code of Federal Regulations, Part 121. Go to www.sba.gov for more information. The Harbor Department defines a VSBE based on the State of California's Micro-business definition which is 1) a small business that has average annual gross receipts of \$3,500,000 or less within the previous three years, or (2) a small business manufacturer with 25 or fewer employees.

The SBE Program is a results-oriented program, requiring consultants who receive contracts from the Harbor Department to perform outreach and utilize certified small businesses. **Based on the work to be performed, it has been determined that the percentage of small business participation will be __%, including __% VSBE participation.** The North American Industry Classification System (NAICS) Code for the scope of services is _____. This NAICS Code is the industry code that corresponds to at least 51% of the scope of services and will be used to determine the size standard for SBE participation of the Prime Consultant. The maximum SBE size standard for this NAICS Code is \$_ million.

Consultant shall be responsible for determining the SBE status of its subconsultants for purposes of meeting the small business requirement. Subconsultants must qualify as an SBE based on the type of services that they will be performing under the Agreement. All business participation will be determined by the percentage of the total amount of compensation under the agreement paid to SBEs. The Consultant shall not substitute an SBE firm without obtaining prior approval of the City. A request for substitution must be based upon demonstrated good cause. If substitution is permitted, Consultant shall endeavor to make an in-kind substitution for the substituted SBE.

(2) LOCAL BUSINESS PREFERENCE PROGRAM:

The Harbor Department is committed to maximizing opportunities for local and regional businesses, as well as encouraging local and regional businesses to locate and operate within the Southern California region. It is the policy of the Harbor Department to support an increase in local and regional jobs. The Harbor Department's Local Business Preference Program (LBPP) aims to benefit the Southern California region by increasing jobs and expenditures within the local and regional private sector.

The Harbor Department defines a LBE as: **EXHIBIT J**

- (a) A business headquartered within Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties; or
- (b) A business that has at least 50 full-time employees, or 25 full-time employees for specialty marine contracting firms, working in Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties.

In order for Harbor Department staff to determine the appropriate LBE preference, Consultant shall complete, sign, notarize (where applicable) and submit the attached Affidavit and Contractor Description Form. The Affidavit and Contractor Description Form will signify the LBE status of the Consultant and subconsultants. Prior to contract award, the Harbor Department will verify the status of all LBEs.

Consultant shall complete, sign, notarize (where applicable) and submit as part of the executed agreement the attached Affidavit and Contractor Description Form. The Contractor Description Form, when signed, will signify the Consultant's intent to comply with the SBE and LBPP requirements. Prior to contract award, the Harbor Department will verify the status of all SBEs. In addition, prior to being awarded a contract with the Harbor Department, all contractors and subcontractors must be registered on LABAVN.

In the event of Consultant's noncompliance during the performance of the Agreement, Consultant shall be considered in material breach of contract. In addition to any other remedy available to City under this Agreement or by operation of law, the City may withhold invoice payments to Consultant until noncompliance is corrected, and assess the costs of City's audit of books and records of Consultant and its subconsultants. In the event the Consultant falsifies or misrepresents information contained in any form or other willful noncompliance as determined by City, City may disqualify the Consultant from participation in City contracts for a period of up to five (5) years.

EXHIBIT J

AFFIDAVIT OF COMPANY STATUS

"The undersigned declares under penalty of perjury pursuant to the laws of the State of California that the following information and information contained on **the attached Consultant Description Form** is true and correct and includes all material information necessary to identify and explain the operations of

Wood Environment & Infrastructure Solutions, Inc. (BAVN ID: 3542)

Name of Firm

as well as the ownership and location thereof. Further, the undersigned agrees to provide complete and accurate information regarding ownership in the named firm, and all of its domestic and foreign affiliates, any proposed changes of the ownership and to permit the audit and examination of firm ownership documents, and the ownership documents of all of its domestic and foreign affiliates, in association with this agreement."

(1) **Small/Very Small Business Enterprise Program:** Please indicate the ownership of your company. Please check all that apply. At least one box must be checked:

☐ SBE ☐ VSBE ☐ MBE ☐ WBE ☐ DVBE ☒ OBE

- A Small Business Enterprise (SBE) is an independently owned and operated business that is not dominant in its field and meets criteria set forth by the Small Business Administration in Title 13, Code of Federal Regulations, Part 121.
- A Very Small Business Enterprise (VSBE) is 1) a small business that has average annual gross receipts of \$5,000,000 or less within the previous three years, or (2) a small business manufacturer with 25 or fewer employees.
- A Minority Business Enterprise (MBE) is defined as a business in which a minority owns and controls at least 51% of the business. A Woman Business (WBE) is defined as a business in which a woman owns and controls at least 51% of the business. For the purpose of this project, a minority includes:
 - (1) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin);
 - (2) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish Culture or origin, regardless of race);
 - (3) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, The Indian Subcontinent, or the Pacific Islands); and
 - (4) American Indian or Alaskan Native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).
- A Disabled Veteran Business Enterprise (DVBE) is defined as a business in which a disabled veteran owns at least 51% of the business, and the daily business operations are managed and controlled by one or more disabled veterans.
- An OBE (Other Business Enterprise) is any enterprise that is neither an SBE, VSBE, MBE, WBE, or DVBE.

EXHIBIT J

(2) **Local Business Preference Program:** Please indicate the Local Business Enterprise status of your company. Only one box must be checked:

☒ LBE ☐ Non-LBE

- A Local Business Enterprise (LBE) is: (a) a business headquartered within Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties; or (b) a business that has at least 50 full-time employees, or 25 full-time employees for specialty marine contracting firms, working in Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties. "Headquartered" shall mean that the business physically conducts and manages all of its operations from a location in the above-named counties.
- A Non-LBE is any business that does not meet the definition of a LBE.

Signature:  Title: Vice President, Los Angeles Basin Manager
Printed Name: James J. Weaver, PE, GE Date Signed: April 18, 2019

EXHIBIT J

Consultant Description Form

PRIME CONSULTANT:

Contract Title: On-Call Engineering Services (LABAVN Op ID: 35915)
Business Name: Wood Environment & Infrastructure Solutions, Inc. LABAVN ID#: 3542
Award Total: \$ TBD
Owner's Ethnicity: C Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 1.202M (LA Office: \$22.7M)
Address: 6001 Rickenbacker Road
City/State/Zip: Los Angeles, CA 90040-3031
County: Los Angeles
Telephone/Fax (323) 889 5300 (323) 721 6700
Contact Person/Title: Sarp Ersoylu, Project Manager
Email Address: sarp.ersoylu@woodplc.com

SUBCONSULTANT:

Business Name: 3QC, Inc. LABAVN ID#: 32981
Award Total (% or \$): TBD
Services to be provided: Architecture / Leed / Commissioning
Owner's Ethnicity: Gender Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 2.8M
Address: 155 N. Lake Avenue 8th Floor
City/State/Zip: Pasadena, CA 91101
County: Los Angeles
Telephone/Fax (866) 975 7070 (949) 681 7084
Contact Person/Title: Jim Ogden, Principal in Charge
Email Address: JOgden@3QCinc.com

SUBCONSULTANT:

Business Name: A Cone Zone, Inc. LABAVN ID#: 43401
Award Total (% or \$): TBD
Services to be provided: Temporary traffic control services – plans, rental, labor
Owner's Ethnicity: C Gender F Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 561990 Average Three Year Gross Revenue: \$ 4.2M
Address: 1640 Market St.
City/State/Zip: Corona / CA / 92881
County: Riverside
Telephone/Fax (951) 734 9535 () Call for fax
Contact Person/Title: Ashley LaCour, Vice President of Administration
Email Address: ashleys@aconezone.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Environmental Treatment & Technology Inc. dba Advanced Technology Laboratories LABAVN ID#: 4209

Award Total (% or \$): TBD

Services to be provided: Environmental – Laboratory Testing

Owner's Ethnicity: H Gender M Group: (SBE) (VSBE) (MBE) WBE DVBE OBE (Circle all that apply)

Local Business Enterprise Yes ☒ No ☐ (Check only one)

Primary NAICS Code: 541380 Average Three Year Gross Revenue: \$ 5M

Address: 3275 Walnut Avenue

City/State/Zip: Signal Hill/CA/90755

County: Los Angeles

Telephone/Fax (562) 989 4045 () Call for fax

Contact Person/Title: Edric Caballero/Vice President

Email Address: Edric.Caballero@atlglobal.com

SUBCONSULTANT:

Business Name: American Scientific Laboratories LLC LABAVN ID#: 7465

Award Total (% or \$): TBD

Services to be provided: Environmental – Laboratory Testing

Owner's Ethnicity: A Gender F Group: (SBE) (VSBE) MBE WBE DVBE OBE (Circle all that apply)

Local Business Enterprise Yes ☒ No ☐ (Check only one)

Primary NAICS Code: 541380 Average Three Year Gross Revenue: \$ 1,587,364

Address: 2520 N. San Fernando Road

City/State/Zip: Los Angeles, CA 90065

County: Los Angeles

Telephone/Fax (323) 223 9700 () Call for fax

Contact Person/Title: Rojert Araghi / President

Email Address: rojert@asllabs.com

SUBCONSULTANT:

Business Name: Anchor QEA, LLC LABAVN ID#: 61245

Award Total (% or \$): TBD

Services to be provided: Dredging and Coastal Engineering, Coastal Structures Design and Engineering, Waterfront Civil and Structural Design Review and QA/QC

Owner's Ethnicity: C Gender M Group: SBE VSBE MBE WBE DVBE (OBE) (Circle all that apply)

Local Business Enterprise Yes ☐ No ☒ (Check only one)

Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 92 Million

Address: 9700 Research Drive

City/State/Zip: Irvine, CA 92618-4327

County: Orange

Telephone/Fax (949) 347-2780 () Call for fax

Contact Person/Title: Steve Cappellino

Email Address: scappellino@anchorqea.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: BC2 Environmental LABAVN ID#: 617
Award Total (% or \$): TBD
Services to be provided: Environmental and geotechnical drilling services
Owner's Ethnicity: _____ Gender _____ Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 562910 Average Three Year Gross Revenue: \$ 10,795,000
Address: 1150 W Trenton Avenue
City/State/Zip: Orange, CA 92867
County: Orange
Telephone/Fax (714) 744-2990 () Call for fax
Contact Person/Title: Scott Traub / General Manager
Email Address: straub@bc2env.com

SUBCONSULTANT:

Business Name: Belshire Environmental Services, Inc. LABAVN ID#: 22424
Award Total (% or \$): TBD
Services to be provided: Waste management, transportation & disposal.
Owner's Ethnicity: C Gender F Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 484220 Average Three Year Gross Revenue: \$ 24,388,393
Address: 25971 Towne Centre Drive
City/State/Zip: Foothill Ranch, CA 92610
County: Orange
Telephone/Fax (949) 460-5200 (949) 460-5210
Contact Person/Title: Brian Cass / Sr. Account Mgr. (Vice President)
Email Address: brian@belshire.com

SUBCONSULTANT:

Business Name: Bermello Ajamil & Partners, Inc. LABAVN ID#: 76220
Award Total (% or \$): TBD
Services to be provided: Terminal Planning
Owner's Ethnicity: H Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☐ No ☒ (Check only one)
Primary NAICS Code: 541310 Average Three Year Gross Revenue: \$ 27.8M
Address: 2601 South Bayshore Drive, Suite 1000
City/State/Zip: Miami, FL 33133
County: Miami-Dade
Telephone/Fax (305) 859 2050 () No fax
Contact Person/Title: Janeen Skelly, Partner / Director of Marketing
Email Address: BA@bermelloajamil.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: C Below, Inc. LABAVN ID#: 38684
Award Total (% or \$): TBD
Services to be provided: Underground Utility Locating
Owner's Ethnicity: M Gender Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☐ No ☒ (Check only one)
Primary NAICS Code: 561990 Average Three Year Gross Revenue: \$ 6M
Address: 14280 Euclid Avenue
City/State/Zip: Chino, CA 91710
County: San Bernardino
Telephone/Fax (888) 902-3569 (xxx) Call for fax
Contact Person/Title: Nick Loera Area Sales Manager
Email Address: NickL@cbelow.com

SUBCONSULTANT:

Business Name: Cargo Velocity, Inc LABAVN ID#: 46731
Award Total (% or \$): TBD
Services to be provided: Planning, Design Consulting, Management Consulting for terminals and Port.
Owner's Ethnicity: C Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☐ No ☒ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ <1M
Address: 204 G Street, Suite 201
City/State/Zip: Petaluma, CA 94952
County: USA
Telephone/Fax (925) 255-5913 () Call for fax
Contact Person/Title: Dan Johnson, President
Email Address: Dan.johnson@cargovelocity.com

SUBCONSULTANT:

Business Name: Coast Surveying, Inc. LABAVN ID#: 2066
Award Total (% or \$): TBD
Services to be provided: Land Surveying Services
Owner's Ethnicity: H Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541370 Average Three Year Gross Revenue: \$ 5.1M
Address: 15031 Parkway Loop, Suite B
City/State/Zip: Tustin, CA 92780
County: Orange
Telephone/Fax (714) 918-6266 (714) 918-6277
Contact Person/Title: Nick Coates/Survey Manager
Email Address: Nick.coates@coastsurvey.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Corrpro LABAVN ID#: 4340
Award Total (% or \$): TBD
Services to be provided: Corrosion engineering, cathodic protection, coating inspection, condition assessments
Owner's Ethnicity: C Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 237120/ 238190 Average Three Year Gross Revenue: \$ 180 million
Address: 10260 Matern Place
City/State/Zip: Santa Fe Springs, CA 90670
County: Los Angeles
Telephone/Fax (562) 944-1636 () No fax
Contact Person/Title: Mike Prosperi/Project Coordinator
Email Address: Mprosperi@aeqion.com

SUBCONSULTANT:

Business Name: Forensic Analytical Laboratories, Inc. LABAVN ID#: 43557
Award Total (% or \$): TBD
Services to be provided: Environmental Laboratory Testing (various analyses)
Owner's Ethnicity: C Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541380 Average Three Year Gross Revenue: \$ 6.7M
Address: 2959 E. Pacific Commerce Drive
City/State/Zip: Rancho Dominguez, CA 90221
County: Los Angeles
Telephone/Fax 310-763-2374 - office Call for fax
Contact Person/Title: Nicole Adams | Key Accounts Manager
Email Address: nadams@falaboratories.com

SUBCONSULTANT:

Business Name: Gahagan & Bryant Associates, Inc. LABAVN ID#: 53953
Award Total (% or \$): TBD
Services to be provided: Hydrographic Surveying
Owner's Ethnicity: C Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☐ No ☒ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 14,234,333
Address: 10541 Humbolt Street
City/State/Zip: Los Alamitos, CA 90720
County: Orange
Telephone/Fax (310) 521-8127 () No fax
Contact Person/Title: David Eller/Vice President
Email Address: djeller@gba-inc.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: GHD, Inc. LABAVN ID#: 81520
Award Total (% or \$): TBD
Services to be provided: Ocean and Coastal Engineering
Owner's Ethnicity: _____ Gender _____ Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 115,300,000
Address: 3760 Kilroy Airport Way, Suite 130
City/State/Zip: Long Beach, CA 90806
County: Los Angeles
Telephone/Fax (562) 206 7990 () No fax
Contact Person/Title: Gillian Millar, CEng, Maritime & Coastal Service Line Leader – No. America
Email Address: Gillian.millar@ghd.com

SUBCONSULTANT:

Business Name: Gregg Drilling, LLC LABAVN ID#: 100832
Award Total (% or \$): TBD
Services to be provided: Drilling and testing services
Owner's Ethnicity: C Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 237110 Average Three Year Gross Revenue: \$ 34,812,343.14
Address: 2726 Walnut Avenue
City/State/Zip: Signal Hill, CA 90755
County: Los Angeles
Telephone/Fax (562) 427-6899 () No fax
Contact Person/Title: Patrick Keating, General Manager
Email Address: pkeating@greggdrilling.com

SUBCONSULTANT:

Business Name: John M. Cruikshank Consultants, Inc. dba JMC2 LABAVN ID#: 4083
Award Total (% or \$): TBD
Services to be provided: Civil Engineering
Owner's Ethnicity: C Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 15,000.00 estimated
Address: 411 N. Harbor Blvd. Suite 201
City/State/Zip: San Pedro, CA, 90731
County: Los Angeles
Telephone/Fax (310) 241-6550 () Call for fax
Contact Person/Title: John M. Cruikshank, President
Email Address: jcruikshank@jmc-2.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Kehoe Testing & Engineering, Inc. LABAVN ID#: 43454
Award Total (% or \$): TBD
Services to be provided: Geotechnical Testing Services
Owner's Ethnicity: White Gender Male Group: (SBE) VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☐ No ☒ (Check only one)
Primary NAICS Code: 541380 Average Three Year Gross Revenue: \$ 2M
Address: 5415 Industrial Drive
City/State/Zip: Huntington Beach, CA 92649-1518
County: Orange
Telephone/Fax (714) 901-7270 (714) 901-7289
Contact Person/Title: Charlene Arthur, General Manager
Email Address: char@kehoetesting.com

SUBCONSULTANT:

Business Name: Khalifeh & Associates, Inc. LABAVN ID#: 60938
Award Total (% or \$): TBD
Services to be provided: _____
Owner's Ethnicity: A Gender M Group: (SBE) (VSBE) MBE WBE DVBE (OBE) (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 1,980,000
Address: 13465 Beach Ave. Suite B
City/State/Zip: Marina Del Rey, CA 90292
County: Los Angeles
Telephone/Fax (310) 305-1555 () No fax
Contact Person/Title: Jack Khalifeh / Principal
Email Address: jack@khalifehassociates.com

SUBCONSULTANT:

Business Name: KOA Corporation LABAVN ID#: 3963
Award Total (% or \$): TBD
Services to be provided: Traffic Engineering/Transportation Planning & Grant Assistance
Owner's Ethnicity: C Gender M Group: (SBE) VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 12,089,205.33
Address: 1100 Corporate Center Drive, Suite 201 (Headquarters)
City/State/Zip: Monterey Park, CA 91754
County: Los Angeles
Telephone/Fax (323) 260-4703 (323) 260-4705
Contact Person/Title: Stephen Bise
Email Address: sbise@koacorp.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: K-Vac Environmental Services, Inc. LABAVN ID#: 54302
Award Total (% or \$): TBD
Services to be provided: Environmental Cleanup Services
Owner's Ethnicity: M Gender F Group: (SBE) VSBE MBE WBE DVBE (OBE) (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 561112 562111 Average Three Year Gross Revenue: \$ \$20M
Address: P.O. Box 1505
City/State/Zip: Rancho Cucamonga, CA 91729
County: San Bernardino
Telephone/Fax (909) 476 2308 () Call for fax
Contact Person/Title: Greg Myers, Project Manager
Email Address: greg.myers@kvacenv.com

SUBCONSULTANT:

Business Name: LaBelle Marvin, Inc LABAVN ID#: 43586
Award Total (% or \$): TBD
Services to be provided: Pavement Consulting Services
Owner's Ethnicity: Ca Gender M Group: (SBE) VSBE MBE WBE DVBE (OBE) (Circle all that apply)
Local Business Enterprise Yes ☐ No ☒ (Check only one)
Primary NAICS Code: 541380 Average Three Year Gross Revenue: \$ 2.5 M
Address: 2700 S. Grand Avenue
City/State/Zip: Santa Ana, CA 92705
County: Orange
Telephone/Fax (714) 546-3468 () Call for fax
Contact Person/Title: Griffin Marvin / Director of Operations
Email Address: gmarvin@labellemarvin.com

SUBCONSULTANT:

Business Name: Litchfield Engineers LABAVN ID#: 98748
Award Total (% or \$): TBD
Services to be provided: Project Management, Civil Engineering Design, Specifications, Permitting, Construction Support, Staff Augmentation
Owner's Ethnicity: C Gender M Group: (SBE) (VSBE) MBE WBE DVBE (OBE) (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ \$56,000
Address: 64 Dapplegray Lane
City/State/Zip: Rolling Hills Estates, CA 90274-4240
County: Los Angeles
Telephone/Fax (310) 293 8458 () Call for fax
Contact Person/Title: Joseph Litchfield, P.E., President / Principal Civil Engineer
Email Address: joe@litchfieldengineers.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: Lynn Capouya, Inc. LABAVN ID#: 613
Award Total (% or \$): TBD
Services to be provided: Landscape architectural design
Owner's Ethnicity: C Gender W Group: (SBE) (VSBE) MBE (WBE) DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541320 Average Three Year Gross Revenue: \$ 2,254,470
Address: 17992 Mitchell South, Suite 110
City/State/Zip: Irvine, CA 92614
County: Orange
Telephone/Fax (949) 756-0150 () Call for fax
Contact Person/Title: Lynn Capouya, President
Email Address: lynn@lcapouya.com

SUBCONSULTANT:

Business Name: MBI Media LABAVN ID#: 3763
Award Total (% or \$): TBD
Services to be provided: Public Outreach
Owner's Ethnicity: Gender Group: (SBE) (VSBE) MBE (WBE) DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541820 Average Three Year Gross Revenue: \$ 2,100,000
Address: 957 S. Village Oaks Drive
City/State/Zip: Covina, CA 91741
County: Los Angeles
Telephone/Fax (626) 967 1510 (626) 967 1718
Contact Person/Title: Dean Owens – Development & Client Services Manager
Email Address: dowens@mbimedia.com

SUBCONSULTANT:

Business Name: O'Connor Construction Management, Inc. LABAVN ID#: 5540
Award Total (% or \$): TBD
Services to be provided: Cost Estimating
Owner's Ethnicity: C Gender M Group: (SBE) VSBE MBE (WBE) (DVBE) OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541611 Average Three Year Gross Revenue: \$ \$10,177,486
Address: 8851 Research Drive
City/State/Zip: Irvine, CA 92618
County: Orange County
Telephone/Fax (949) 476-2094 () Call for fax
Contact Person/Title: Ciaran O'Connor, Chairman
Email Address: ciaran@ocmi.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: P2S Inc. LABAVN ID#: 3805
Award Total (% or \$): TBD
Services to be provided: Mechanical, Electrical and Plumbing Engineering Design
Owner's Ethnicity: W Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 29,813,158
Address: 5000 E. Spring St., Suite 800
City/State/Zip: Long Beach CA 90815
County: Los Angeles
Telephone/Fax (562) 497.2999 (562) 497.2990
Contact Person/Title: Mike Shen, Associate Principal
Email Address: mike.shen@p2sinc.com

SUBCONSULTANT:

Business Name: Pacific Railway Enterprises, Inc. LABAVN ID#: 55736
Award Total (% or \$): TBD
Services to be provided: Railroad Signal and Communications Systems Design and Engineering Services
Owner's Ethnicity: C Gender F Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ \$6,336,097
Address: 3560 University Avenue, Suite F
City/State/Zip: Riverside, CA 92501
County: Riverside
Telephone/Fax (951) 784-4630 (951) 784-4635
Contact Person/Title: Jennifer A. Purcell, PE, President / CEO
Email Address: japurcell@pacrail.com

SUBCONSULTANT:

Business Name: Port Design Partners, Inc. LABAVN ID#: 87452
Award Total (% or \$): TBD
Services to be provided: Civil and Railroad Engineering Support
Owner's Ethnicity: C Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 81,509
Address: 6475 E. Pacific Coasts Highway, Suite 265
City/State/Zip: Long Beach, CA 90803
County: Los Angeles
Telephone/Fax (949) 241-6759 () No fax
Contact Person/Title: Nathan deSousa, President
Email Address: nathand@portdp.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: RailPros Inc. LABAVN ID#: 54472
Award Total (% or \$): TBD
Services to be provided: Rail Engineering and Design Support Services
Owner's Ethnicity: C Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ \$10M annually (approx.)
Address: 811 Wilshire Blvd #1820
City/State/Zip: Los Angeles, CA 90017
County: Los Angeles
Telephone/Fax (213) 929-1113 (714) 734-8755
Contact Person/Title: Stephen Ng, Project Manager
Email Address: Stephen.ng@railpros.com

SUBCONSULTANT:

Business Name: Robert Stewart Architects LABAVN ID#: 77712
Award Total (% or \$): TBD
Services to be provided: Architectural consulting, design, construction documents
Owner's Ethnicity: C Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541310 Average Three Year Gross Revenue: \$ 85,536.00
Address: 238 W. Main Street, Suite 202
City/State/Zip: Tustin, CA 92780
County: Orange
Telephone/Fax (562) 595-0078 (657) 247-4881
Contact Person/Title: Robert Stewart, Principal
Email Address: bob@robertstewartarchitects.com

SUBCONSULTANT:

Business Name: SPEC Services, Inc. LABAVN ID#: 4132
Award Total (% or \$): TBD
Services to be provided: Utility Coordination, Subsurface Utility Engineering (SUE) and design for both wet and dry utilities for pipelines
Owner's Ethnicity: C Gender M Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541330 Average Three Year Gross Revenue: \$ 41.7M
Address: 10540 Talbert Ave., Suite 100 East
City/State/Zip: Fountain Valley, CA 92708
County: Orange
Telephone/Fax (714) 963-8077 () Call for fax
Contact Person/Title: Sam Mendez, Principal Project Manager
Email Address: smendez@specs-services.com

EXHIBIT J

Consultant Description Form

SUBCONSULTANT:

Business Name: SunStar Laboratories, Inc. LABAVN ID#: 68565
Award Total (% or \$): TBD
Services to be provided: Analytical Laboratory Testing for Soil, Water, or Air samples
Owner's Ethnicity: C Gender M Group: (SBE) VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541380 Average Three Year Gross Revenue: \$ \$3.1 Million
Address: 25712 Commercentre Dr.
City/State/Zip: Lake Forest, CA 92630
County: Orange
Telephone/Fax (949) 297-5020 (949) 297-5027
Contact Person/Title: Joann Marroquin, Sales Manager/CSM
Email Address: Joann@Sunstarlabs.com

SUBCONSULTANT:

Business Name: Sawano Architects, Inc., dba Synchronis LABAVN ID#: 97807
Award Total (% or \$): TBD
Services to be provided: Architectural Design, Interior Design, Planning
Owner's Ethnicity: A Gender M Group: (SBE) (VSBE) MBE WBE DVBE (OBE) (Circle all that apply)
Local Business Enterprise Yes ☒ No ☐ (Check only one)
Primary NAICS Code: 541310 Average Three Year Gross Revenue: \$ 190,000
Address: 730 S. Los Angeles Street, Suite 501
City/State/Zip: Los Angeles, CA 90014
County: Los Angeles
Telephone/Fax (213) 357-2664 (323) 376-6900
Contact Person/Title: Albert Sawano, Principal Architect
Email Address: albert@synchronis.design

SUBCONSULTANT:

Business Name: _____ LABAVN ID#: _____
Award Total (% or \$): _____
Services to be provided: _____
Owner's Ethnicity: _____ Gender _____ Group: SBE VSBE MBE WBE DVBE OBE (Circle all that apply)
Local Business Enterprise Yes ☐ No ☐ (Check only one)
Primary NAICS Code: _____ Average Three Year Gross Revenue: \$ _____
Address: _____
City/State/Zip: _____
County: _____
Telephone/Fax () _____ () _____
Contact Person/Title: _____
Email Address: _____

EXHIBIT K

Sec. 10.8.2.1. Equal Benefits Ordinance.

Discrimination in the provision of employee benefits between employees with domestic partners and employees with spouses results in unequal pay for equal work. Los Angeles law prohibits entities doing business with the City from discriminating in employment practices based on marital status and/or sexual orientation. The City's departments and contracting agents are required to place in all City contracts a provision that the company choosing to do business with the City agrees to comply with the City's nondiscrimination laws.

It is the City's intent, through the contracting practices outlined in this Ordinance, to assure that those companies wanting to do business with the City will equalize the total compensation between similarly situated employees with spouses and with domestic partners. The provisions of this Ordinance are designed to ensure that the City's contractors will maintain a competitive advantage in recruiting and retaining capable employees, thereby improving the quality of the goods and services the City and its people receive, and ensuring protection of the City's property.

(c) Equal Benefits Requirements.

(1) No Awarding Authority of the City shall execute or amend any Contract with any Contractor that discriminates in the provision of Benefits between employees with spouses and employees with Domestic Partners, between spouses of employees and Domestic Partners of employees, and between dependents and family members of spouses and dependents and family members of Domestic Partners.

(2) A Contractor must permit access to, and upon request, must provide certified copies of all of its records pertaining to its Benefits policies and its employment policies and practices to the DAA, for the purpose of investigation or to ascertain compliance with the Equal Benefits Ordinance.

(3) A Contractor must post a copy of the following statement in conspicuous places at its place of business available to employees and applicants for employment: "During the performance of a Contract with the City of Los Angeles, the Contractor will provide equal benefits to its employees with spouses and its employees with domestic partners." The posted statement must also include a City contact telephone number which will be provided each Contractor when the Contract is executed.

(4) A Contractor must not set up or use its contracting entity for the purpose of evading the requirements imposed by the Equal Benefits Ordinance.

EXHIBIT K

(d) Other Options for Compliance. Provided that the Contractor does not discriminate in the provision of Benefits, a Contractor may also comply with the Equal Benefits Ordinance in the following ways:

(1) A Contractor may provide an employee with the Cash Equivalent only if the DAA determines that either:

a. The Contractor has made a reasonable, yet unsuccessful effort to provide Equal Benefits; or

b. Under the circumstances, it would be unreasonable to require the Contractor to provide Benefits to the Domestic Partner (or spouse, if applicable).

(2) Allow each employee to designate a legally domiciled member of the employee's household as being eligible for spousal equivalent Benefits.

(3) Provide Benefits neither to employees' spouses nor to employees' Domestic Partners.

(e) Applicability.

(1) Unless otherwise exempt, a Contractor is subject to and shall comply with all applicable provisions of the Equal Benefits Ordinance.

(2) The requirements of the Equal Benefits Ordinance shall apply to a Contractor's operations as follows:

a. A Contractor's operations located within the City limits, regardless of whether there are employees at those locations performing work on the Contract.

b. A Contractor's operations on real property located outside of the City limits if the property is owned by the City or the City has a right to occupy the property, and if the Contractor's presence at or on that property is connected to a Contract with the City.

c. The Contractor's employees located elsewhere in the United States but outside of the City limits if those employees are performing work on the City Contract.

(3) The requirements of the Equal Benefits Ordinance do not apply to collective bargaining agreements ("CBA") in effect prior to January 1, 2000. The Contractor must agree to propose to its union that the requirements of the Equal Benefits Ordinance be incorporated into its CBA upon amendment, extension, or other modification of a CBA occurring after January 1, 2000.

EXHIBIT K

(f) **Mandatory Contract Provisions Pertaining to Equal Benefits.**
Unless otherwise exempted, every Contract shall contain language that obligates the Contractor to comply with the applicable provisions of the Equal Benefits Ordinance. The language shall include provisions for the following:

(1) During the performance of the Contract, the Contractor certifies and represents that the Contractor will comply with the Equal Benefits Ordinance.

(2) The failure of the Contractor to comply with the Equal Benefits Ordinance will be deemed to be a material breach of the Contract by the Awarding Authority.

(3) If the Contractor fails to comply with the Equal Benefits Ordinance the Awarding Authority may cancel, terminate or suspend the Contract, in whole or in part, and all monies due or to become due under the Contract may be retained by the City. The City may also pursue any and all other remedies at law or in equity for any breach.

(4) Failure to comply with the Equal Benefits Ordinance may be used as evidence against the Contractor in actions taken pursuant to the provisions of Los Angeles Administrative Code Section 10.40, et seq., Contractor Responsibility Ordinance.

(5) If the DAA determines that a Contractor has set up or used its Contracting entity for the purpose of evading the intent of the Equal Benefits Ordinance, the Awarding Authority may terminate the Contract on behalf of the City. Violation of this provision may be used as evidence against the Contractor in actions taken pursuant to the provisions of Los Angeles Administrative Code Section 10.40, et seq., Contractor Responsibility Ordinance.