

DATE: AUGUST 2, 2022

FROM: ENVIRONMENTAL MANAGEMENT

SUBJECT: RESOLUTION NO. _____ - AWARD OF CONTRACT NO. 39981 TO THERMO ENVIRONMENTAL INSTRUMENTS LLC FOR THE PURCHASE OF AIR MONITORING INSTRUMENTATION

SUMMARY:

Staff requests approval of Contract No. 39981 with Thermo Environmental Instruments LLC, headquartered in Franklin, MA, for the purchase of air monitoring instrumentation that will replace and upgrade existing equipment used for monitoring gaseous pollutants at the four monitoring stations that comprise the City of Los Angeles Harbor Department's (Harbor Department) air monitoring program. The total contract amount is \$298,478.08, including applicable taxes. This purchase will be made in accordance with City of Los Angeles Supply Contract No. 59456, Cooperative Purchase Agreement, per the City of Los Angeles Administrative Code Division 10, chapter 1 Article 2, Section 10.15 (a)(8). Contract No. 39981 is a "piggyback" agreement to State of New Jersey Contract 21-FOOD-01690. The Harbor Department is financially responsible for the entire purchase of the air monitoring instrumentation.

RECOMMENDATION:

It is recommended that the Board of Harbor Commissioners (Board):

1. Find that the Director of Environmental Management has determined that the proposed action is generally, administratively, and categorically exempt from the requirements of the California Environmental Quality Act (CEQA) under Article II Section 1 and Section 2(f) and Article III Class 2(2) of the Los Angeles City CEQA Guidelines;
2. Find that in accordance with City of Los Angeles Administrative Code Division 10, Chapter 1, Article 2, Section 10.15 (a)(8), the Harbor Department may enter into an agreement with Thermo Environmental Instruments LLC utilizing a current agreement for such goods and services with State of New Jersey Contract No. 21-FOOD-01690, a cooperative purchase agreement;
3. Approve Contract No. 39981 with Thermo Environmental Instruments LLC for the purchase of air monitoring instrumentation in the amount of \$298,478.08;

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4. Authorize the Executive Director to execute and the Board Secretary to attest to Contract No. 39981 for and on behalf of the Board; and
5. Adopt Resolution No. _____.

DISCUSSION:

Background/Context – The Harbor Department instituted an air monitoring program in 2005, which includes a network of four monitoring stations in and around the Port of Los Angeles (Port) (Transmittal 1). The Harbor Department’s Environmental Management Division (EMD) manages the air monitoring program with the assistance of an air monitoring consultant. The program initially focused on evaluating diesel particulate matter levels in and around the Port, utilizing filter-based particulate matter samplers. In 2008, the air monitoring program was expanded to include continuous, real-time monitoring of criteria pollutants (gaseous pollutants and particulate matter). Supplemental instrumentation for particulate matter and black carbon monitoring was also added in subsequent years.

With much of the instrumentation over 13 years old and nearing the end of its useful life, in August 2020, EMD began the process to upgrade the instrumentation and data collection system used at all four stations in the monitoring network. The process to upgrade the monitoring network includes securing funding, working through a procurement and purchasing process, and receiving and installing the instrumentation and associated hardware. In September 2021, the Harbor Department’s Project Development Committee approved the project, including the scope and cost. The new instrumentation being procured includes real-time particulate matter, ozone, carbon monoxide (CO), nitrogen oxides (NO_x), and sulfur dioxide (SO₂) analyzers. To date, a purchase order has been placed for the real-time particulate matter analyzers and a bid solicitation has been released for specialized NO_x analyzers. With approval of Contract No. 39981, the Harbor Department will be able to place the purchase order for the remaining instrumentation needed. Port staff along with the air monitoring consultant are working to make improvements and necessary repairs at the stations in preparation for receiving and operating the new equipment. Additionally, the air monitoring consultant has begun installation of the hardware required to upgrade the data collection system. Once the instrumentation is received, the air monitoring consultant will replace the existing instrumentation with the new equipment and integrate them into the new data collection system.

Selection Process – On June 9, 2022, EMD submitted requisition 79201 to the Contracts and Purchasing Division (CPD) for the purchase of air monitoring equipment, including pulsed fluorescent enhanced SO₂ analyzers, gas filter correlation CO analyzers, ozone UV photometric analyzers, automatic multi-gas calibration systems, and pure air generator systems. This Thermo instrumentation matches the monitoring equipment that is currently being utilized by the Port of Long Beach and the South Coast Air Quality

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Management District at their air monitoring stations, giving consistency for air quality analysis throughout the region. The contract amount of \$298,478.08 includes estimated taxes of \$25,895.36. Staff is recommending approval of award of Contract No. 39981 to Thermo Environmental Instruments LLC (Transmittal 2).

Under the provisions of the Los Angeles Administrative Code Division 10, Chapter 1, Article 2, Section 10.15 (a)(8) the Harbor Department is allowed to utilize purchasing contracts developed and approved by other governmental agencies. The air monitoring instruments will be purchased utilizing State of New Jersey Contract No. 21-FOOD-01690 with Thermo Environmental Instruments LLC (Transmittals 3 and 4).

ENVIRONMENTAL ASSESSMENT:

The proposed action is the approval of Contract No. 39981 with Thermo Environmental Instruments LLC for the purchasing of air monitoring instrumentation that will replace existing air monitoring equipment located within the Port, which is an activity where it can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment, an administrative activity, and an activity involving the replacement of an industrial structure with a new structure of substantially the same size, purpose, and capacity. Therefore, the Director of Environmental Management has determined that the proposed action is generally, administratively, and categorically exempt from the requirements of CEQA in accordance with Article II Section 1 and Section 2(f) and Article III Class 2(2) of the Los Angeles City CEQA Guidelines.

FINANCIAL IMPACT:

Approval of the proposed contract will allow for the purchase and delivery of air monitoring equipment which will cost the Harbor Department \$298,478.08. Funding in Fiscal Year 2022/2023 has been budgeted in the Capital Improvement Program within Work Order No. 25680 – Air Quality Monitoring Stations Upgrade, Account 59994 (Equipment), Center 1005 (Environmental Assessments & Remediation Projects), and Program 000 (Base Budget). It is anticipated that all equipment will be purchased in Fiscal Year 2022/2023.

CITY ATTORNEY:

The Office of the City Attorney has reviewed and approved the subject contract as to form and legality.

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TRANSMITTALS:

1. Map of air monitoring network
2. Contract No. 39981
3. State of New Jersey Bid Solicitation No. 21DPP00589
4. State of New Jersey No. 21DPP00589 Method of Operation

FIS Approval: JS
CA Approval: SO



CHRISTOPHER CANNON
Director of Environmental Management



MICHAEL DiBERNARDO
Deputy Executive Director

APPROVED:



EUGENE D. SEROKA
Executive Director

CC/yo
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