

DESCRIPTION: Rigging, removing and hauling away two (2) old gantry cranes from the roof of B. 93 Passenger Terminal at the Port of Los Angeles

GENERAL: It is the intent of this specification to describe in a general form the requirements of the services desired. services of equal performance and capability, but differing in detail from the specification may be considered providing it meets the intent of the specifications. When specifications for a particular service is not defined, the generally-accepted standards are satisfactory, with Departmental approval.

Bidder must indicate with a check mark, in the spaces provided, after each item, if they COMPLY with the specifications for that item. If they do not comply, each deviation must be described in the space that follows. If insufficient space, indicate "see attached" and describe all deviations on an attachment to the bid. Make sure all deviations are labeled to identify the item for which the deviation is taken. A cover letter must be included indicating that deviations to the specifications are in a separate attachment to the bid. Failure to properly complete this required information may result in bid being rejected as non-responsive.

<p>A.) ITEM REQUESTED: Removing two old gantry cranes from the roof of B. 93 Passenger Terminal at the Port of Los Angeles, hauling away and disposal/scraping.</p>	<p>Comply: <input type="checkbox"/> Deviation:</p>
<p>B.) REGULATORY COMPLIANCE</p> <ol style="list-style-type: none">1. City of Los Angeles Building Code (LABC): Ensure all work complies with the LABC, including structural safety, load-bearing requirements, and site-specific safety protocols.2. Cal/OSHA Safety Standards: Adhere to the standards set by the California Occupational Safety and Health Administration (Cal/OSHA) for crane operations, rigging, and personnel safety, including but not limited to:3. - Properly qualified crane operators.4. - Safe rigging practices.5. - Fall protection for workers.6. Environmental Regulations: Follow local environmental laws for disposal of scrap metal and other materials. Ensure proper waste management for hazardous materials like oil, fuel, or grease that might be present in the cranes.	<p>Comply: <input type="checkbox"/> Deviation:</p>
<p>C.) SUBMISSION OF LIFT PLAN:</p> <ol style="list-style-type: none">1. The lift plan must be comprehensive and should include, at a minimum:2. Crane Specifications: Type of crane to be used, capacity, boom length, and other relevant technical details.	<p>Comply: <input type="checkbox"/> Deviation:</p>

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3. Rigging Plan: Specifics on the rigging equipment (slings, shackles, spreader bars), how the crane will be rigged to lift the gantry cranes, and the calculated weight distribution for the load.
4. Load Calculations: Documentation of the weight and dimensions of the gantry cranes, including a calculation of the total load (including safety margins).
5. Lift Path: Detailed information on the path the crane will take to move the gantry crane off the roof and onto a transport vehicle.
6. Site Layout: A diagram of the site showing crane setup, roof structure, exclusion zones, access points, and staging areas for the crane.
7. Personnel Safety: Protocols for worker safety, including PPE requirements, fall protection, and designated safety observers.
8. Weather Conditions: Guidelines on the acceptable weather conditions for the lift, such as wind speed limits and temperature ranges.
9. Emergency Response Plan: A description of actions to take in case of an emergency, such as equipment failure, accidents, or unexpected site conditions.
10. Approval Process: The lift plan will need to be reviewed and approved by Port of Los Angeles (POLA) Engineering Division before lifting operations begin.
11. Qualified Personnel: The plan should be developed by a “qualified lift director” or “crane operator” with experience in large, complex lifts. All personnel involved in the lifting operation must be trained and qualified, and the plan should outline the responsibilities of each individual.

C2.) LOAD-BEARING CAPACITY OF THE EXISTING WHARF IS 800PSF:

1. Submit the following for (POLA) Engineering Division review:
2. Crane Weight.
3. Load Distribution & Max Leg Load.

D.) DISCONNECTING & PREPARING THE CRANES FOR REMOVAL:

1. Ensure all electrical systems are fully de-energized and locked out (LOTO procedure) before disconnecting any

Comply:

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power feeds.

2. Disconnect any hydraulic, pneumatic, or mechanical systems that may be used to move the gantry crane.
3. Securely cap all lines (hydraulic, electrical, air) to avoid leaks and to ensure safety during lifting.
4. Steel Rail Components:
5. Disconnect and remove the steel rail components that support the gantry crane's movement. These might need to be cut or unbolted depending on how they are secured.
6. Use cutting torches or saws to disconnect rail supports if necessary, following safe work procedures and ensuring that the cut components do not present a hazard.

D2.) HANDLING & DISPOSAL OF THE GANTRY CRANES:

1. Disassembly vs. Transporting Whole: Consider whether the gantry cranes need to be disassembled before transport or if they can be moved as-is. If disassembly is required:
2. Cutting and Demolition: Some components of the cranes, such as rails or parts of the gantry frame, may need to be "cut" or "removed" to fit within transport dimensions or to reduce weight. Ensure that proper safety protocols and environmental guidelines (for hazardous materials) are followed during disassembly.
3. Disposal of Materials: Once the cranes are hauled away, they will need to be properly disposed of, typically at a "recycling facility" that accepts scrap metal. Make sure to coordinate with licensed disposal services to ensure that hazardous materials (e.g., oils, batteries, electrical components) are handled according to environmental regulations.
4. Oversize Load Permits: A "oversize/overweight transport permit" from Caltrans or local jurisdictions may be required.

D3.) POST-REMOVAL CLEANUP & INSPECTION:

1. Site Inspection: After crane removal, inspect the roof and surrounding areas for any damage caused by the removal process. Repair any damage to the roof or structural elements as needed.
2. Site Cleanup: Remove all debris, scrap materials, and any remaining crane components, ensuring the area is left

November 18, 2024
VERSION: 1

HARBOR DEPARTMENT
SPECIFICATION NO. E-25-5025

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clean and free of hazards.

3. Final Inspection: Conduct a final inspection with POLA project manager to ensure that all work was completed according to the approved plan and regulatory requirements.

FINAL NOTES:

1. The Harbor Department is exempt from payment of Federal Excise Taxes and will furnish vendor with tax exemption certification upon request.
2. Vendor to indicate:
 - i. Contact Person:
 - ii. Phone:
 - iii. FAX:
 - iv. E-mail:

Comply:
Deviation:

SUMMARY OF DEVIATIONS:

SUBMITTED BY: _____
(NAME, PHONE)

Signature: _____