

ARTICLE X- PROJECT DESCRIPTION

10.1 GENERAL - The work to be done under this project includes furnishing of all labor, material, and equipment necessary to replace the existing metal and fiberglass siding, bird screen, metal flashing and steel frame member; and install new metal siding, stainless steel bird screen, metal flashing and steel frame member at the Pier 2 Shed, Nawiliwili Harbor, Kauai.

Bidders are advised to examine the existing conditions at the project site to familiarize themselves with the nature and extent of work involved. Appointments may be made with the State Harbors Division Maintenance Engineer for clarification of the work involved and the character and quality of materials specified.

10.2 SPECIAL CONDITIONS - The Contractor shall note that portions of the existing steel framing are suspected to contain lead paint. The Contractor may take samples to satisfy themselves as to the character, complexity and amount of work required in removing the materials in accordance with all Federal and State regulations.

10.3 SCOPE OF WORK - The major items of work to be done include, but are not limited to the following:

- A. Removing existing metal and fiberglass siding panels, metal bird screen, steel frame member and corner flashing.
- B. Installing new hot-dip galvanized steel frame member.
- C. Installing new corrugated metal siding panels and stainless-steel bird screen.
- D. Fabricating and installing new metal corner flashing.
- E. Fabricating and installing new pipe downspout straps
- F. Preparing and painting new metal corner flashings, steel frame member; and other existing metal surfaces.

10.4 CONTRACT DRAWING - The location and size of the repair area shown on the plan are approximate and is included for bidding purposes only. All structures and portions of structures shown on the plan are existing unless specifically noted. Existing conditions shown are based on the best available information. No guarantee is given that they are more than approximately correct.

10.5 WORK SCHEDULE - The work schedule and assignment of storage area(s) shall be discussed and coordinated with the Harbors Division Kauai District Manager and the Construction Engineer and shall be subject to their written approval. The Contractor shall turn in a work schedule two (2) weeks prior to actual construction for approval by the Harbors Division Kauai District Manager and the Construction Engineer. The Contractor will be responsible for maintaining the work and storage areas in a neat and orderly condition.

The project area is heavily used for cruise ship and tenant operations. The work shall be done in increments and the State will arrange to clear a portion of the project area to allow the Contractor to accomplish its work. In general, in order to allow cruise ship operations to continue and construction to proceed, the Contractor **will not** be allowed to work on Tuesdays. Contractor will not be allowed to work when a passenger cruise ship is moored in port. Should an

unscheduled need for a cruise ship operation occur, the Contractor will need to reschedule its work around the activity at no cost to the State. Bidders can obtain information on cruise ship schedules and daily shipping schedules from the internet at Hawaii.Portcall.com. Shipping and Harbor Division activities shall take precedence over Contractor's activities.

The Contractor shall make every effort to enclose the portion of the siding repair area that is being repaired on that particular workday so that no repair areas are left open overnight. However, if the Contractor is unable to enclose that portion of the repair area at the end of the workday and finds it necessary to leave that portion of the repair area open, the Contractor shall provide protection from the weather for the contents of the structure including offices, equipment, etc. The Contractor shall protect the workers, equipment and vehicles from falling debris and material during the period that the siding is being worked on. It shall be the Contractor's responsibility to repair or replace all damage caused by its activities, which include but are not limited to equipment or vehicles.

The Contractor shall coordinate its work so as to minimize interference with pier shed operations. The exact scheduling and sequencing of the work and restrictions on the Contractor's operation while working at the project site will be established at the pre-construction meeting. The Contractor shall attend pre-construction meetings to coordinate its work with others and shall complete all work within the work schedule.

10.6 LIABILITY AND RESPONSIBILITY - The Contractor shall obtain permits, provide, erect, and maintain warning signs, lights, barricades, fences, watchmen and/or other means as necessary to prevent unauthorized persons from wandering onto the job site where they may suffer injury or create a hazard to the construction operations or the work in progress. The Contractor shall also take reasonable precautions for safety in its operations and to prevent injury to its employees and to others having lawful business at the job site.

The Contractor shall be responsible for any and all damages to the warehouse facility caused by its operations or negligence. The Contractor shall, at its own expense, make prompt restitution for damages to the facilities caused by its operations or negligence. The Contractor shall hold the State harmless from all claims for loss or injury.

The Contractor SHALL verify existing conditions in the field prior to ordering any materials. The existing conditions are based on the best available information. The Contractor shall make no claim for extra compensation should actual existing conditions differ from those shown on the plans.

The Contractor shall submit a COVID-19 Plan, prior to mobilization to the Harbors Division Construction Engineer for review that ensures safety for all individuals when working on Harbors property, and compliant with all applicable Federal, State and Local rules and mandates.

10.7 BEST MANAGEMENT PRACTICES - The Contractor must follow standard best management practices (BMPs) for air pollution, water pollution, noise and solid waste control, as required by Federal, State and County regulations, to protect the environment from the effects of construction activity, including prohibiting any construction debris or other deleterious materials to fall, flow or otherwise enter the harbor waters.

The Contractor shall submit a site-specific BMP plan to the Harbors Division for review and comment before work begins. The plan shall satisfy the requirements of ARTICLE XV - TEMPORARY WATER POLLUTION, DUST, AND EROSION CONTROL. This plan shall describe and detail all methods procedures to be used to prevent air and water pollution, including preventing any materials, wastes and debris from entering any adjacent storm drain

system and harbor waters to the satisfaction of the Harbors Division. The Contractor shall revise the BMP plan, at no additional cost to the State, should it be determined by the Construction Engineer that the plan is insufficient to prevent pollution.

10.8 SUBMITTALS - The Contractor shall submit for review, shop drawings or manufacturer's brochures, one (1) copy in PDF format, for the following items:

- A. Corrugated Metal Siding
- B. Metal Flashing
- C. Shop Drawings
- D. Fasteners
- E. Flat Bar
- F. Downspout Straps
- G. EPDM Membrane
- H. Caulking Compound
- I. Closure Strip
- J. Paints
- K. Work schedule two weeks prior to actual construction
- L. Lead Paint control measures work plan
- M. Documentation for lead paint containing material removal and disposal
- N. BMP plan and drawings

10.9 STANDARD SPECIFICATIONS - The term "Standard Specifications" as used in the Technical Specifications shall mean the Hawaii Standard Specifications for Road and Bridge Construction, State of Hawaii, Department of Transportation, Highways Division, 2005.

10.10 AS-BUILT DRAWINGS - The Contractor shall keep one (1) set of drawings at the job site and make all field changes thereon. After completion of the project, a PDF/A format digital file and two (2) sets of stamped drawings including markings with all the field changes, contractor's name, signature, and date shall be submitted to the Construction and the Maintenance Engineer.

10.11 HARBOR SECURITY - The Contractor shall submit required documentation of all contractor and sub-contractor's employees, their representatives, suppliers, manufacturers, and alike, and of all necessary vehicles needing access to the project site to the Harbors Division Construction Engineer and District Manager before starting work on the project. the documentation will include the following:

- A. Authorized personnel's first name, middle initial(s), and last name by company name.
- B. Vehicle(s) license plate number(s) by company name.
- C. The Contractor may be directed to use a specified entrance to enter and exit the harbor. Upon every entry, each employee must present and possess a photo identification (ID) card.
- D. All Contractor's and sub-contractor's employees, their representatives, suppliers, manufacturers, and authorized personnel needing access to the project site shall wear their photo ID card at all times
- E. Contractor's vehicles must be identified with a company logo and will be subject to search. Any employee's personal belongings will also be subject to search.
- F. If the Contractor wishes to remove any fencing or open any locked gates, they shall coordinate with and request approval from the Harbors Construction Engineer and District Manager. If approval is granted, the Contractor shall then be responsible for securing open fencing or gate(s) immediately after entering or posting security personnel to monitor ingress and egress. Inspections of vehicles and equipment moving through the access points will be done in accordance with current MARSEC level and directives.
- G. If security personnel are required, the Contractor shall hire the same contract security that provides service to the State of Hawaii, Department of Transportation, Harbors Division. In the event that the security contract for Harbors changes, the Contractor must hire the security contractor.
- H. By the end of each day, the contractor shall re-erect and/or restore any and all fencing/barrier/perimeter security measures to the satisfaction of the Construction Engineer and/or the District Manager. Electricity and lighting shall also be restored and in satisfactory working order, to no less that pre-construction conditions, to the satisfaction of the Construction Engineer and/or District Manager.
- I. Under no circumstances shall perimeter security be compromised. If determined by the State, and solely by the State, that the Contractor has left the project site in a condition that compromises security of the harbor, the State reserves the right to make the necessary arrangements to provide and enhance perimeter security, including restoration of electrical power and lighting, at the sole expense of the Contractor.
- J. At times, the maritime security level for the State of Hawaii and/or the general color-coded security level for the State of Hawaii may be temporarily elevated. In these events, the Contractor may be prohibited to access the project site and may be required to stop work as directed by either the Harbors Division's Construction Engineer or District Manager. The Harbors Division will consider impacts to the work and schedule as a result of prolonged work stoppages.

With the possible exception of Item J above, all other requirements indicated shall be considered incidental to the project and shall be provided by the Contractor at no additional cost to the State. The contractor's personnel requiring unescorted access to secure areas of maritime facilities will be required to obtain a Transportation Worker Identification Credential (TWIC). The project area has been deemed to be within a secured area. TWIC was established by Congress through the Maritime Transportation Security Act and is administered by the Transportation Security

Administration (TSA) and U.S. Coast Guard. To obtain a TWIC, the applicant must provide biographic and biometric information such as fingerprints, sit for a digital photograph and successfully pass a security threat assessment conducted by TSA. The Contractor will be responsible to obtain and pay for all costs associated in providing their appropriate employees with TWIC. Information regarding TWIC is available on the TSA website at: <https://www.tsa.gov/for-industry/twic>

10.12 COMPLETION TIME - All work for this project shall be completed within the specified time period as listed in page P-1 of the Proposal. The number of days shall commence on the issuance of the notice to proceed. The intent of the contract is to provide for the construction final acceptance of the work described by the contract documents at the accepted bid price and within the time established by the contract. The Contractor has the duty to furnish all labor, materials, equipment, tools, transportation, incidentals, and supplies and to determine the means, methods and schedules required to complete the work in accordance with the contract documents.

Unless otherwise directed by the Engineer in writing, the Contractor shall not commence with physical construction without sufficient materials and equipment available at the project site for either continuous construction until completion, or completion of a specified portion of the work.

10.13 PAYMENT - Payment shall be made as specified below. Such payment shall include furnishing all labor, material, equipment and other expenses required to complete the work in accordance with the plans and specifications.

- A. Item 1 - Lead Abatement. Payment shall be made at the lump sum price bid in the Proposal Schedule for Lead Abatement. Such payment shall include removing and disposing of the existing steel frame member containing lead paint in accordance with all applicable Federal, State and county/local regulations; installation, maintenance, monitoring, and removal of BMP; and other incidental work required to complete this item.
- B. Item 2 - New Steel Frame. Payment shall be made at the lump sum price bid in the Proposal Schedule for New Steel Frame. Such payment shall include installing new structural steel framing member by welding to existing rigid frame; and other incidental work required to complete this item.
- C. Item 3 - New Metal Siding. Payment shall be made at the lump sum price bid in the Proposal Schedule for New Metal Siding. Such payment shall include removing and disposing of the existing metal siding and metal corner flashing; cleaning side surfaces of existing steel girts and placing new EPDM membrane; furnishing and installing new metal siding panels and flat bar; fabricating and installing new metal corner flashing; and other incidental work required to complete this item.
- D. Item 4 - New Bird Screen. Payment shall be made at the lump sum price bid in the Proposal Schedule for New Bird Screen. Such payment shall include removal and disposal of existing vinyl coated metal bird screen; installing new stainless steel bird screen; and other incidental work required to complete this item.
- E. Item 5 - Downspout Straps. Payment shall be made at the unit price bid per each in the Proposal Schedule for Downspout Straps. Such payment shall include fabricating and installing new pipe downspout straps; and other incidental work required to complete this item.

- F. Item 6 - Painting. Payment shall be made at the lump sum price bid in the Proposal Schedule for Painting. Such payment shall include preparing and painting new steel framing member, new metal corner flashing and existing steel framing surfaces; and other incidental work required to complete this item.