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Invitation to Bid (ITB)
(Revised 9/21/2021)

Harford Pier Canopy Roof Replacement

Proposed Timeline

Invitation to Bid Released	Thursday, September 9 th , 2021
Mandatory Pre-Bid Site Visit	Thursday, September 16 th , 2021 @ 1:00 pm
Deadline to Ask Questions	Friday, September 17 th , 2021 @ 5:00 pm
Sealed Bids Due & Bid Opening	Thursday, September 23 rd , 2021 @ 1:30 pm
Award Contract	Tuesday, September 28 th , 2021 @ 6:00 pm
Begin Work	Fall 2021 or Spring 2022

- A. Mandatory pre-bid site visit (prior visitors excluded from requirement):
Time listed above for "Mandatory Pre-Bid Site Visit"
Meet outside the Harbor District Main Office at 3950 Avila Beach Dr., Avila Beach, CA 93424
- B. Faxed or emailed bids will not be accepted. Sealed bids are due no later than:
Time listed above for "Sealed Bids Due & Bid Opening"
- C. Bid opening is public and will take place at the Harbor District Main Office
- D. To submit a bid, complete the "Bid Form" and return this entire packet in a sealed envelope plainly marked: **"ITB - HARFORD PIER CANOPY ROOF REPLACEMENT"**

Delivery of Bids:

(Please note USPS express mail is **not** available to the Harbor Office)

Fed Ex or other Express mail service:

Port San Luis Harbor District
3950 Avila Beach Drive
Avila Beach, CA 93424
Phone: (805)-595-5410

US Postal Service:

(It is advisable to ensure USPS delivery 1 day prior to bid opening.)
Port San Luis Harbor District
PO Box 249
Avila Beach, CA 93424

Contact for Questions and Comments:

Natalie Teeter, Planner/Analyst
(805) 595-5431 or nataliet@portsanluis.com

Description

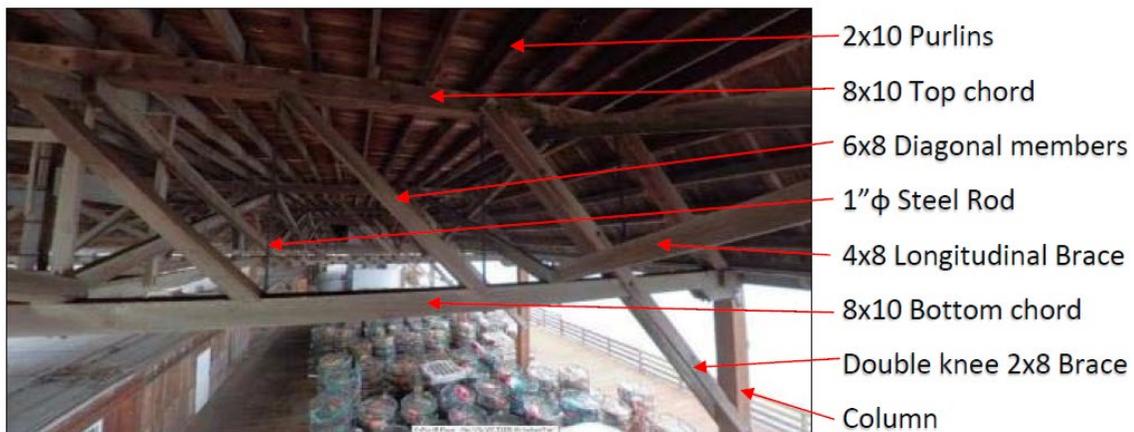
The canopy structure is located at the end of Harford Pier in Avila Beach, California. This two-story structure is approximately 27 feet tall, 60 feet wide, and 198 feet long. The entire structure covers an area of about 12,000-square feet. The flat portion is built-up roofing system (BUR) measuring about 47 feet wide by 198 feet long, for an area of approximately 9,300-square feet. The east and west sides of the canopy roof are sloped and covered with composite shingles; these two segments have an approximate area of 2,096-square feet and 2,145-square feet on the east and west sides, respectively. The Harbor District is seeking the replacement of the existing built-up roofing system (flat portion) with a new, polyvinyl chloride single-ply roofing system. This project will also involve removal of the existing composition shingles on sloped sides. The Harbor District is seeking two options for the sides, PVC the same as the flat portion and an alternate of composite shingle.

Damaged wood roof sheathing and ¾" tongue and groove is to be replaced on as-needed basis. Damaged purlins are to be replaced by the Harbor District before roof work. Roofer is to remove and replace nails for the new purlins through the Tongue & Groove (T&G).

This project also includes the removal of ducts and mechanical curbs and replacement of the southern roof hatch, which is located at the furthest seaward end of the roof.

The Harbor District would like to have the roof replaced before this coming winter (before November 30). As that may not be possible due to weather, material shortages, and scheduling; it may be necessary to conduct work in Spring 2022. Roofer is to state their anticipated start date.

A diagram of the canopy's structural components is shown below to show purlin configuration:



Notice Inviting Bids

Notice is hereby given that the Port San Luis Harbor District (District), acting by and through its Governing Board, will receive prior to **Time listed on first page for “Sealed Bids Due & Bid Opening”** sealed bids for the award of a Contract for the following:

Project Scope:

Contractor shall furnish all labor, materials, equipment, supplies, transportation, and services necessary to remove and replace the Harford Canopy roof system, including all accessories, to the satisfaction of the District. The Scope of Work includes:

- A. Remove existing built-up roofing from top of canopy and composition shingles from the steep slope sides of the canopy. Dispose of all debris off-site.
- B. Replace rotten, deteriorated, or damaged wood roof sheathing on a per 4x8 sheet cost basis, provide as an alternate bid.
- C. Replace rotten, deteriorated, or damaged T&G on a per lineal foot basis, provide as an alternate bid.
- D. Mechanically fasten $1\frac{1}{3}''$ $\frac{1}{4}''$ Glass Mat roof board to provide a Class A Fire Rating.
- E. Install PVC clad edge flashing at eaves of sloped roof areas. Mechanically fasten KEE (ketone ethylene ester) 80 mil Gray PVC single-ply roofing system (membrane to be fastened 6 inches on center with perimeter and corner enhancement), per manufacturer’s specifications.
- F. Gutters at eaves of canopy to be cleaned out.
- G. Contractor to remove all ducts and mechanical curbs, replace T&G where ducts are removed, in-fill, and roof over. District will remove electrical.
- H. Install non-slip walk-off pads at exit sides of both roof hatches.
- I. Replace south end roof hatch with new in-kind hatch (location of hatch is the furthest seaward).
- J. Nail District-replaced purlins from above.
- K. Contractor to furnish all labor, materials, equipment, and services necessary for installing an engineered fall protection system that meets California Occupational Safety and Health Administration (Cal/OSHA) Title 8 requirements; system to be permanent and left in place for future use by Harbor District, provide design and materials for system as a separate (required) bid item.
- L. Provide manufacturer’s 20-year No Dollar Limit Warranty.

Note: Antennas, antenna guy wires, weather station, and camera poles must be flashed or set up on encapsulated curbs to meet manufacturer’s specifications. These items will be removed and reassembled by the Harbor District. Contractor shall provide flashings and curbs as required.

All removed material and debris must be cleared from District property and will be disposed of in a proper and legal manner. No material or debris will be permitted to fall into or enter the bay.

Prior to submitting a bid, the contractor shall provide proof showing they are a current approved roofing system applicator (Malarkey, Johns Manville, or equal) with a valid C-39 Roofers license, provide proof

that they are an approved applicator in good standing, and provide proof of active registration status as a Public Works Contractor with the Department of Industrial Relations.

Bid Alternate – Composite Shingle Sides:

A bid alternative is requested for the sloped sides of the Canopy using composite shingles:

- Landmark Pro or equal, 270 lbs/square, match existing gray color, 15-year 110 MPH wind warranty.
- Use six nails and four spots of asphalt roofing cement for every full shingle.
- Asphalt roofing cement should meet ASTM D 4586 Type II.
- Apply 1” spots of asphalt roofing cement under each corner and at about 12-13” from each edge.

Required Bid Alternate – Cal/OSHA-Compliant Engineered Fall Protection System:

- Contractor to develop and provide engineered fall protection system design and material specifications meeting Cal/OSHA Title 8 requirements, prior to work commencement.
- Fall Protection System specifications may be provided to the District at a later date, prior to commencement of roof work.
- Labor and equipment necessary to install fall protection system must be included in the base bid prices for both “PVC-Only Roof Installation” and “PVC with Composite Shingle Sides Alternate” line items on the Bid Form.
- Design, material specifications, and materials required to install the Fall Protection System shall be bid as a separate line item on the Bid Form; this line item will not be factored into the total bid amount for determining the ultimate low bid.

Instructions to Bidders

1.01 WARRANTY

The roofing contractor shall issue the owner a written manufacturer’s warranty that covers installation and material defects for a period of 20 years with a no maximum limit liability.

Roofing contractor shall provide the owner with a 2-year guarantee.

System must carry a Class A fire rating.

1.02 INSURANCE

Liability insurance in the amount of \$1,000,000 with the District named as an “Additional Insured” will be required. A copy of certification is required before work begins. Proof of Workers Compensation Insurance is required.

1.03 CODES

All Federal, State and Harbor District building and safety codes are to be adhered to. It is the responsibility of all contractors and their subcontractors to ensure that all current codes are enforced.

1.04 MANUFACTURER'S INSTRUCTION & SAFETY PROCEDURES

In all cases, Manufacturer's published installation instructions, safety procedures and printed specifications will be followed.

1.05 FINAL INSPECTION

No section shall be considered complete until a final inspection has taken place with the Districts' representative and the contractor.

1.06 FINAL CLEAN UP

Before each job is considered complete, the roofing contractor shall:

1. Remove all roof related debris. Dispose of material in a legal manner. Contractor is responsible for disposal fees.
2. Clean all roofs in the work area thoroughly.
3. Remove all bitumen marks and restore all work areas to a pre-job condition or replace non-repairable items.

1.07 INSPECTION-GENERAL ROOF AREA

Prior to the application of any materials, the contractor shall examine the surface to ensure an acceptable substrate. Problems will be addressed verbally and in writing with the District and Manufacturer's technical representative. An agreement shall be reached with all parties prior to applying materials.

1.08 PROTECTION OF WORK AREA

Protective coverings shall be installed on all building walls and grounds to protect those surfaces from damages caused by roofing work. No debris or materials is to enter the water.

1.09 DELIVERY AND STORAGE

Deliver materials in manufacturer's original containers with manufacturer's labels intact and legible. Store all materials upright and covered with protective coverings. All materials will be covered at the end of each working day. Contaminated materials will be immediately removed from site and not returned. The District will provide an equipment staging area for the Contractor.

1.10 JOB CONDITIONS

Apply all roofing in dry weather and do not apply roofing when temperatures are below freezing or wind speed is at or above 20 mph. If hazardous weather conditions such as extreme heat ($\geq 90^\circ$ Fahrenheit), extreme cold ($\leq 40^\circ$ Fahrenheit), intense winds (≥ 20 mph), smoke from wildfires (AQI of $PM_{2.5} \geq 151$), or similar conditions prevent roofing activities from being completed within agreed upon timeframe, Contractor must immediately notify the Harbor District's representative (Planner/Analyst) in writing of such conditions and request authorization for reasonable extension to contract term.

1.11 WORKING DAYS & HOURS

All roofing activities are to take place five (5) days per week, Monday - Friday, 7:00 A.M. - 4:00 P.M., excluding weekends and Legal Holidays designated in the State of California Government Code. Any deviation from this schedule requires written preauthorization from the Planner/Analyst.

1.12 KNOWLEDGE OF EXISTING CONDITIONS

Each contractor shall have examined or researched the existing conditions of the site before bidding and shall be responsible for having acquired full knowledge of the job and of all conditions affecting it. No variations or allowances from the contract sum will be made because of lack of such examination.

1.13 PERMITS

Contractor shall acquire and pay for permits required for roof installation. The District will not require any permits.

1.14 LICENSES

Contractor shall have a valid C-39 Roofing Contractor license in good standing at the time of bid opening and work performance. If any portion of the project is to be subcontracted, prime contractor must ensure any and all subcontractors hold a valid C-39 Roofing Contractor license in good standing at the time of bid opening and work performance, and provide list of all subcontractors to be utilized for work as an attachment to the Bid Form at time of bid submission.

1.15 RATES

Prevailing wage rates apply for this project. Certified payroll forms must be provided for payment. Certified payroll forms shall be submitted to the Harbor District's representative at no less than once every two weeks.

1.16 TERMS

Work must commence within forty-five (45) days after the District places the order. In the event work cannot begin within this timeframe, due to weather, material shortages, or scheduling conflicts, Bidder must specify the anticipated start date on the Bid Form. In addition, Bidder has the option to indicate any discounts or premiums that may exist if work is completed in Fall 2021 or Spring 2022, if total bid amount would vary by season. Once work commences, work must terminate thirty (30) days after commencement unless preauthorized by the Planner/Analyst in writing.

1.17 PRE-BID CONFERENCE - MANDATORY

A mandatory pre-bid conference will be held to discuss all relevant issues associated with the ITB. The pre-bid conference will take place at the time and date as directed on the first page of this ITB. We will meet outside the Port San Luis Harbor District Office, 3950 Avila Beach Dr., Avila Beach, CA near the base of the Harford Pier before going on to the work site. The pre-bid site visit is mandatory for potential bidders who have not previously visited the worksite and/or are unfamiliar with the surrounding environment. Potential bidders who have previously visited the worksite are excluded from this requirement.

1.18 BID DETERMINATION

Please follow the directions on the first page for bid submission. The Board of Commissioners will be presented low bids for the "PVC-only" and "PVC w/ Shingle Side Bid Alternate". Ultimate low bid determination will be a Board decision.

1.19 DISCOUNTS & PREMIUMS

Contractor has the option of stating discounts or premiums that the District may pursue such as: pre-payment of supplies prior to completion, better or more cost effective materials, discounts for spring work vs. premium for fall, etc.

1.20 PERFORMANCE & PAYMENT BONDS

Prior to commencing roofing work under this Contract, Contractor will furnish a performance bond, in an amount equal to one hundred percent (100%) of the total bid amount, and a payment bond to guarantee payment of all claims for labor and materials furnished, in an amount equal to one hundred percent (100%) of the total bid amount. When the performance and payment bonds requirement has been met and copies provided to the District, the District shall provide a written Notice to Proceed to the Contractor.

1.21 LIQUIDATED DAMAGES

If the project is not completed in accordance with the terms and conditions specified in this contract, or those terms and conditions agreed upon in writing in the form of a change order approved by the District's Representative, it is mutually agreed that the District will suffer damage, and it being mutually agreed that it is impractical and infeasible to determine the amount of actual damage, it is agreed that the Contractor and his surety shall pay to the District, as fixed and liquidated damages, and not as a penalty, the sum of One Hundred Dollars (\$100.00) for each and every working day of delay; provided, the Contractor and his surety shall not be charged liquidated damages because of any delays in the completion of the project due to unforeseeable causes beyond the control and without the fault or negligence of the Contractor (including, but not restricted to, acts of God, or of the public enemy, acts of the Government, acts of the District, or acts of another contractor with the District, fires, floods, storms, epidemics, quarantine restrictions, strikes and freight embargoes, or delays of subcontractors due to such cases), and the District's Representative shall extend the completion date for the project by the number of working days lost owing to such causes. The decision of the District's Representative concerning the number of working days lost owing to such causes and his or her findings of fact concerning such delay shall be final and conclusive.

As used in this section, and Section 1.11, a day of delay means each working day from and after the date set for completion of the project, pursuant to Section 1.16 hereof, as such date may be extended by the District's Representative, that the project remains incomplete in the reasonable judgment of the District's Representative.

1.22 BID SUBMISSION, OPENING, AND WITHDRAWAL

To submit a bid, complete and return this entire Invitation to Bid packet before the date and time indicated on the first page. No bid received after the time specified in the Invitation to Bid will be considered. All bids will be opened and declared publicly. The bid shall remain valid for forty-five (45) days following bid opening. A bidder may withdraw its bid without prejudice before the bid opening by submitting a written request to the Planner/Analyst for its withdrawal. The District reserves the right to reject any and all bids and waive any informalities. The District also reserves the right to award, not award, or re-bid the project.

1.23 SENATE BILL 854 COMPLIANCE

Effective March 1, 2014, Senate Bill 854 requires contractors to comply with the following:

Contractor agrees, in accordance with Section 1771.1 of the California Labor Code, that contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is

authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.

No contractor or subcontractor may be awarded a contract for public work on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to California Labor Code section 1725.5. Contractor agrees, in accordance with Section 1771.4 of the California Labor Code, this Project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

Roofing Materials Section

2.01 ROOF SYSTEM MATERIAL

Roof system components:

- ¼" primed glass mat roof board (Class A fire rating);
- KEE 80 mil Gray PVC single-ply roofing (mechanically fastened);
- PVC edge flashing at perimeter of roof and on top of field sheet;
- PVC edge stripping; and
- All appropriate flashings, fasteners, and sealants;
- South end roof hatch replaced in kind;
- Optional: stainless steel clad flashing may be used instead of rubber clad flashing

Accessories as required by the Manufacturer's literature and specifications.

Roofing contractor shall provide the District with a 20-year guarantee.

Provide Alternative Bid for Composite Shingles for sides as specified in "Project Scope".

Roofing Application Section

3.01 SCOPE

The scope of the work is to remove the existing roof system and apply a PVC roof system, including labor associated for fastening District-provided purlins. The scope also includes a separate line item to bid for removal and installation of the composite shingle portion on the sloped sides of the roof. Replacement of rotten, deteriorated, or damaged wood roof sheeting will be included as a separate line item for bid.

- Mechanically fasten ¼-inch primed glass mat roof board to (Class A fire rating);
- Fully adhere and mechanically fasten Kee 80 mil Gray polyvinyl chloride (PVC) single-ply roofing system (membrane to be fastened 6 inches on center with perimeter and corner enhancement), per manufacturer's specifications; heat weld all seams and laps;
- Install PVC clad edge flashing at eaves of sloped roof areas on top of field sheet, on east and west sides of canopy; install PVC edge stripping and heat weld both sides;
- Remove all ducts and mechanical curbs, replace Tongue and Groove (T&G) where ducts and mechanical curbs are removed, in-fill, and roof over;
- Mechanically fasten District-provided purlins to T&G from top with deck screws and fasten purlins to truss top chords using HDG clips;
- Furnish and install all flashings, fasteners, and sealants per manufacturer's specifications;
- Replace south end (furthest seaward) roof hatch with new in-kind hatch;
- Install non-slip walk-off pads at exit sides of both roof hatches; and
- Install permanent, Cal/OSHA-compliant (Title 8), engineered fall protection system to be left in place for future use by Harbor District.

3.02 PROTECTION OF INSTALLED ROOFING

Temporary water cut offs must be installed at the end of each day. The roof must be in a water-tight condition when active work is not being performed. Any damages to the installed roofing shall be repaired or replaced by Contractor.

3.03 ROOF DECKING PREPARATION

After roof removal, clean decking of all roof-related debris.

3.04 VENT INSTALLATION, DUCTS, & HATCHES

Retain existing roof openings, vents, and hatches. Personal fall protection system meeting Cal/OSHA Title 8 requirements to be furnished and installed by Contractor. Ducts and mechanical curbs shall be removed by Contractor, T&G to be replaced by Contractor where ducts and mechanical curbs are removed, in-filled, and roofed over. Contractor shall furnish and install in-kind roof hatch at south end of roof (furthest seaward) and provide non-slip walk off pads at both exits for both existing roof hatches. Electrical will be removed by the Harbor District.

3.05 BASE SHEET APPLICATION

The base sheet shall be installed with Simplex nails. Nail the sheet 8" o.c. down the lap and with two rows down the center of the sheet at 8" o.c.

3.06 DISCREPANCIES AND ADDITIONAL COSTS

All discrepancies and items of additional costs should be brought to the owner's attention, in writing for approval prior to work in those areas.

3.07 DECK SURFACE REPAIR

Install and repair deck surface on a Time and Materials basis.

3.08 NON-SLIP WALKWAY INSTALLATION

Install non-slip walkway at exit hatches on a Time and Materials basis. Final configuration to be determined after bid award.

3.09 ANTENNAS AND ROOF FIXTURES

Antennas and roof fixtures to remain will be removed prior to roof replacement. Contractor is to coordinate with Harbor District to finish roofing after the antennas and fixtures are reinstalled.

Bid Form – Harford Pier Canopy Roof Replacement

The undersigned contractor has carefully checked all figures in this proposal against the above requirements and specifications. All taxes and any fees shall be included in total cost. The undersigned agrees to accept as full payment the following sum:

PVC-Only Roof Installation \$ _____

PVC w/ Composite Shingle Sides
Alternate \$ _____

OSHA-Compliant Fall Protection System
(Design & Materials) \$ _____

Wood roof sheeting (per 4x8) \$ _____

¾" T&G (per lineal foot) \$ _____

Projected Start Date _____

Discounts or Premiums _____
(OPTIONAL) _____

Company Name _____

Contractor's Name _____

Contractor's Signature _____

Contractor's License # _____

Public Works Registration # _____

Business Mailing Address _____

Phone Number _____

Email _____

Date Submitted _____