

**ADDENDUM NO. 1**

**to**

**MASSACHUSETTS DEVELOPMENT FINANCE AGENCY  
Marine Fender System Repair Project IFB (Invitation for Bids)  
Project No. 24-013” at Jodrey State Fish Pier in Gloucester, Massachusetts**

**Responses to Questions**

Posted September 24, 2024

**Q1: Will the contractor have access to the entire project limits or will the contractor’s access be limited to specific smaller areas, requiring the contractor to phase their work? If phasing will be required, please indicate how many feet of pier face the contractor will be allowed access to at one time.**

A1: Jodrey State Pier is a working fish pier. The repair work will be conducted in a manner that will minimize impacts to ongoing operations. The work along the faces of the Fixed Pier will be done in 200-foot-long increments, as approved by the Owner.

**Q2: Reference specification section 00200, sub-section 16. Do contractors need to submit their qualifications with their bid or will qualifications only be required for the lowest responsive bidder post-bid?**

A2: Bidders shall submit their qualifications with their bid.

**Q3: Reference specification section 00400, Article XIII, sub-section 6. Is Builder’s Risk insurance a required coverage for this project?**

A3: Builder’s Risk Insurance is not required.

**Q4: Please confirm fender piles can be installed with a vibratory hammer and that impacting driving piles is not required.**

A4: Fender piles may be driven using a vibratory hammer, provided the tip elevations indicated in the drawings and specifications are achieved.

**Q5: Please provide specifications, including material and treatment requirements for the new timber camels.**

A5: Timber camels shall consist of natural wood logs. The logs shall be 50 feet long with a nominal diameter of 18 to 20 inches along the entire length of the log. The ends shall be cut square to the centerline. The wood shall be sound and free from decay, red heart, or

insect attack except insect damage consisting of holes 0.06-inch or less in diameter or surface scoring or channeling is permitted.

- Species: The timber camels shall be of either Coastal Douglas Fir or Southern Yellow Pine.
- Scars: Logs may have sound turpentine scars which are undamaged by insects. No scars shall be greater than 3 feet in length.
- Foreign Materials: Logs shall be free of all nails, spikes, and other metal except as specified on the drawings and in the specifications.
- Straightness: The distance from the center of a cross section to a straight line from center of butt to center of tip shall be not greater than 1-inch per 10 feet of log length.
- Roundness: The ratio of the maximum to minimum diameter at any perpendicular cross section shall be not greater than 1:2.
- Buoyancy: The freeboard (that portion of the log above the water surface) of each log, prior to treatment, shall be no less than 20 percent of the log's diameter.
- Bark removal: Timber camels shall be clean peeled. Clean peeled logs shall have not less than 80 percent of the inner bark, well distributed over the entire surface of the log, removed. The logs shall have no strip of inner bark larger than 1-inch by 6 inches remaining.
- Treatment: Wood preservative treatment for the timber camels shall be Chromated Copper Arsenate (CCA) to AWWPA standards for use in marine environments.

**Q6: Please confirm the existing camels that are to be relocated are to receive new hardware.**

A6: Confirmed. The existing camels to be relocated shall receive new hardware. Chains shall be 3/4-inch galvanized dock fender chain, 14 feet long.

**Q7: If all existing camels are not relocated, what is the contractor's responsibility with the camels that are not relocated? If the contractor will be responsible for disposal of the non-relocated camels, please provide a separate line item, with units of per ton, for disposal of the existing camels.**

A7: Existing camels that will not be relocated shall be removed and disposed of by the Contractor. The bid form in SECTION 00300 of the specifications will be revised to include Item No. 02001-2 for REMOVAL & DISPOSAL OF NON-RELOCATED EXISTING CAMELS as a unit-price item per ton (See ADDENDUM NO. 2 for revised bid form).

**Q8: Please confirm the elevation of the lower wale. The plans indicate an elevation of +2.18' MLW however based on the location of the wale relative to the tide, the center of the wale appears to be at elevation +1.5' MLW.**

A8: Elevations shown on the plans are based on North American Vertical Datum of 1988 (NAVD88). The top of the lower wale is at EL. -2.18 feet NAVD88 and Mean Low Water (MLW) is at EL. -4.60 feet NAVD88.

**Q9: Will contractors be allowed to work off the deck of the fixed pier? If so, what is the load capacity of the pier?**

A9: Working is to be conducted off a barge.

**Q10: Can hot dipped galvanized bolts be utilized in locations where the drawings specify hot dipped galvanized threaded rod?**

A10: HDG bolts may be used in lieu of HDG threaded rod.

**Q11: Is there an engineer's estimate or budget for the project? If so, what is it or what are they?**

A11: Estimated budget for this project is One Million Dollars (\$1 Million).

**Q12: Is a building permit required to be pulled by the contractor for the project? Should the cost of the permit be included in the bid?**

A12: Refer to Section 00700 General Conditions of the Contract, Paragraph 5 – Notices and Permits.

**Q13: Please confirm that the timber may have creosote in it.**

A13: Available record drawings do not indicate that the existing timber fender system has any creosote members.

**Q14: Please confirm the length of camels to be supplied.**

A14: The new camels shall be 18 to 20-inches diameter by 50-feet long.

**Q15: Can hex bolts be used in lieu of threaded rod?**

A15: See response to Question 10 above.

**Q16: Can a vibratory hammer be used to install the pilings?**

A16: See response to Question 4 above.

**Q17: Do any camels need to be disposed of? If so, how many should be carried in the base bid?**

A17: See response to Question 7 above.

**Q18: Can timber be #1 Rough or should it be #1 S4S?**

A18: Timber shall be S4S, unless otherwise identified in the drawings and specifications.

**Q19: Are the piles to be Class B Piles?**

A19: Yes, the piles shall be Class B timber piles.

**Q20: Please confirm that the reinstallation of existing camels includes providing and installing new hardware for them.**

A20: See response to Question 7 above.

**Q21: Please confirm the dimension of the timber chocks, the plans specify they are both 10" x 10" and 8" x 10".**

A21: Timber chocks shall be 8-in. x 10-in.

Repair Note No. 3 on Fixed Repair Plan (Sheet 5 of 13) shall be changed to "(3) REPLACE EXISTING 8X10 TIMBER CHOCK IN-KIND FROM PILE 1 TO PILE 139. SEE SHEETS 7 AND 8 FOR DETAILS".

**Q22: Can the builder's risk policy be waived?**

A22: See response to Question 3 above.

**Q23: Can the pollution liability policy be waived? Our general liability covers sudden and accidental pollution.**

A23: Contractor's Pollution Liability can only be waived if the contractor's General Liability covers limits requested of the Pollution Liability.

**Q24: Can the umbrella policy be waived or reduced from \$5,000,000?**

A24: No, MassDevelopment requires \$5,000,000 umbrella policy coverage.

**Q25: Can our general liability policy be increased to match the umbrella limits in lieu of providing an umbrella policy?**

A25: Yes, the contractors General Liability policy can be increased to match the Umbrella Policy limits.

**Q26: During the site walk, there was some discussion on how high the fender piles should extend above the deck. Please confirm the cutoff elevation for the tops of the fender piles.**

A26: Add the following general note (9) to the FIXED PIER REPAIR PLAN (Sheet 5 of 13):

“(9) CUT THE TOPS OF THE REMAINING EXISTING FENDER PILES AND THE NEWLY INSTALLED FENDER PILES NOS. 1 TO 139 FLUSH WITH THE TOP WALE AND PIER DECK AT EL. +11.15 FT NAVD.”