

**QUONSET DEVELOPMENT CORPORATION (QDC)  
INVITATION TO BID**

A BID is solicited for the following work:

Name of Project: Quonset Development Corporation, Pier and Landside Improvement Project, General Dynamics, Electric Boat Division.

Description of Work:

The Pier and Landside Improvement Project at the General Dynamics Electric Boat (EB) Facility in the Quonset Development Park, in North Kingstown, RI. The project consists constructing a new pier for the Ocean Transport Barge including the landside improvements, and a 300'x75' structural pad with ground improvements for the Heavy Lift improvements. The total bid price will be separated into three (3) parts. Each part will have a bid price, with the sum of these 3 parts will be combined for the total bid price.

Pier Improvements (Part 1 of 3);

The Pier Work consists of constructing a 117-ft long by 120-ft wide T-shaped pier, monopile dolphins, a bulkhead, and supporting electrical, informational technology (IT), fire suppression, drainage and security systems. The Pier will consist of, but is not limited to, furnishing and installing coated steel pipe piles, cast-in-place concrete deck and curb, barge connection fixtures (including transom arm pin and stern bearing plate), bollards, ramp plates, arch fenders, handrails, safety ladders, life rings, tidal board, deck striping, shore power receptacle, light poles, IT communications conduits for security cameras (cameras by owner), solar warning light, fire hose connections and a trench drain. The steel pipe pile installation includes HDPE sleeves and welding of cathodic protection anodes. The two monopile dolphins consist of furnishing and installing 96-in. diameter coated steel pipe piles, cathodic protection anodes, stabbing segments with supports and risers, concrete caps, fender panels, bollards, handrails, walkways, walkway luminaries and a solar warning light. The walkway will require an additional intermediate support midspan of the two dolphins comprising of a 54-in. diameter coated steel pipe pile, cathodic protection anodes and concrete cap. The bulkhead will comprise of selective demolition and removal of the existing steel sheet pile bulkhead cap, landward timber bulkhead components, the removal and storage of existing

riprap, and furnishing and installing steel sheet piles, concrete cap, filter fabric, and riprap revetment. Landside work for the pier will include the removal of existing security fencing, and furnish and installing an approach slab and expansion joint, security fence and gate, electrically powered turnstile, pedestrian gate, trench drain valve, valve box, stormwater pipe junction box, fire department connections (FDC), medium voltage transformer, low voltage equipment, and electrical platform. All supporting piping, conduits, conductors, manholes and pull boxes for electrical and mechanical systems are also required.

**Heavy Lift Improvements (Part 2 of 3);**

The Heavy Lift work includes constructing a 300'x75' reinforced concrete pad with a dense grade base and ground improvements within the subgrade areas. Ground improvements will be furnishing, installing and the design a rigid inclusion ground support system. Rigid Inclusions are columns of grout/concrete used to reinforce the ground to increase bearing capacity and reduce settlement of a structure or embankment. The rigid inclusion design parameters are provided. Alternate ground improvement designs will be considered. The Heavy Lift work also includes; saw-cutting, excavation, removal and disposal of reinforced concrete, abandoned utilities and excess soil. Quality Assurance testing will be required and included in the Contractor's bid price.

**Landside Improvements (Part 3 of 3);**

The Landside Improvements include furnishing and installing a bituminous concrete pavement section for use by the EB transporter. The new transporter path location is near EB Building 2A-SP and continues southerly to the proposed new pier at the Narragansett Bay. Improvements include; grading the new transporter path, removal of adjacent concrete surfaces to match grading, installing concrete pavement, installing bituminous pavement, drainage piping, electric and EB-IT conduits, water line installation, hydrants, retaining walls, rip rap and fencing. Subgrade proof-rolling and/or some rigid inclusion installations will be required for additional ground support. Quality Assurance testing will be required and included in the Contractor's bid price Site excavation and demolition and disposal will be required for the new installations.

Contract Number:

2020-016 and 2020-019

Invitation to Bid

001116-2

**BIDDING INFORMATION**

- Where Received: Quonset Development Corporation  
Quonset Business Park  
95 Cripe Street  
North Kingstown, Rhode Island 02852
- Closing Date: October 22, 2020 at 2:00 PM Local Time
- Bid Form and Specifications: A Project Manual (consisting of Bid Form, Form of Contract, Contract General Provisions, and Technical Specifications) and Drawings may be examined at the office where bids are to be received. Electronic copies of these documents may be obtained, upon request directed to Ms. Christine Andrews, Development Services. Quonset Development Corporation, Quonset Business Park, 95 Cripe Street, North Kingstown, Rhode Island (Telephone No. 401-295-0044 ext. 218 or ([info@quonset.com](mailto:info@quonset.com))).
- Bid form for “Public Copy”: Pursuant to RI General Law §37-2-18(b) each bidder must submit a “PUBLIC COPY” of their bid proposal to be available for public inspection upon opening of all bids. Therefore, an original bid proposal and a copy of the bid proposal shall be submitted.
- Bond Requirements: Bids shall be accompanied by a Bid Guarantee in the amount of Twenty Percent (20%) of the Base Bid Amount. The Contractor to whom the contract is awarded will be required to post performance and payment bonds in the amount of One-Hundred Percent (100%) of the contract price. Bonds shall be executed on Engineer's Joint Contract Documents Committee format (EJCDC No. C-610, EJCDC No. C-615 or on comparable format which is approved in advance by the Quonset Development Corporation). The bonds shall be issued by a company that is acceptable to the Quonset Development Corporation. A minimum requirement for acceptability shall be that the Surety Company is currently listed on U.S. Department of the Treasury Circular #570 as holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as holding a Surety License in the State of Rhode Island. An appropriate Certificate of Corporate Authority shall accompany the required performance and payment bonds.
- Wage Requirements: The attention of the bidder is particularly called to the requirements as to conditions of employment to be observed and

wage rate to be paid under the contract. In conformity with the provision of Chapter 13 of Title 37 of General Laws, Rhode Island 1956, as amended.

**Equal Opportunity**

Requirements: Unless otherwise exempt, bidders must certify that they are in compliance with Section 007336 and other regulations issued by the Quonset Development Corporation, or must agree to take steps to comply with such requirements prior to the award of a contract. Pursuant to QDC's procurement regulations, QDC encourages minority business enterprises and women business enterprises to bid for contracts to be awarded by the Corporation.

**Apprenticeship Requirements:**

Pursuant to Rhode Island General Laws 37-13-1 and 37-13-3.1, all general contractors and subcontractors who bid and/or perform work on state public works projects valued at One Million Dollars (\$1,000,000) or more shall employ apprentices and shall be subject to the provisions in Exhibit G, Prevailing Wage & Apprenticeship Requirements, including but not limited to:

Pursuant to R.I. Gen. Law 37-13-2, any person, firm, or corporation bidding on a state public works contract ("general contractor") valued at One Million Dollars (\$1,000,000) or more shall certify their ability to perform the contract by meeting the apprenticeship requirements set forth in R.I. Gen. Laws 37-13-3.1.

Prior to bidding on a state public works contract valued at One Million Dollars (\$1,000,000) or more, the general contractor shall certify compliance with apprenticeship requirements by fully executing a General Contractor Apprenticeship Certification Form. The general contractor shall meet one of the qualifications identified on said form. The general contractor shall attach said form to his/her application to bid and submit to the awarding authority.

No contract award for a state public works contract valued at One Million Dollars (\$1,000,000) or more shall be made to any general contractor who fails to submit a fully executed and truthful General Contractor Apprenticeship Certification Form.

Pursuant to R.I. Gen. Laws 37-13-3.1, all general contractors who perform work on any public works contract awarded by the state and valued at One Million Dollars (\$1,000,000) or more shall certify their ability to perform the contract by meeting the apprenticeship requirements set forth in R.I. Gen. Laws 37-13-3.1.

- Environmental Permits** QDC has submitted applications to Coastal Resources Management Council (CRMC), Army Corps of Engineers (ACOE), and Rhode Island Department of Environmental Management (RIDEM). A Water Quality Certificate has been obtained from RIDEM. CRMC and ACOE are currently reviewing applications. QDC has included a copy of the Water Quality Certificate in Section 005200 Contract Agreement, Exhibit F- List of Permits. Also included is a CRMC Assent and ACOE for a similar project. These are provided so that the Contractor can be aware of the General Requirements of these permits and be considered in their Bid Submission.
- Waiver and Acceptance:** The QDC reserves the right to reject any or all of the bidders and to waive any informalities in bids received and to accept that bid which, in its judgment, best serves the interest of the Corporation.
- Information:** Inquiries regarding this invitation should be addressed to Mr. Edward Spinard, Jr. P.E. Quonset Development Corporation, 95 Cripe Street, Quonset Business Park, North Kingstown, Rhode Island (Tel. No.401-295-0044 ext. 234).
- Inspection of Premises:** Prospective bidders may examine the premises by calling Daniel Adanti at 860-433-5962 ([dadanti@gdeb.com](mailto:dadanti@gdeb.com)) and Daniel Secone at 401-640-8374 ([dsecone@keoughconstruct.com](mailto:dsecone@keoughconstruct.com)) for an appointment, during normal working hours (Monday through Friday, 8:30 AM to 4:30 PM).
- Pre-Bid Conference:** **October 8, 2020** 10:00 AM Local Time at the offices of the Quonset Development Corporation, 95 Cripe Street, Quonset Business Park, North Kingstown, Rhode Island 02852.
- Time of Completion** Bidder agrees that the Landside Improvements and Heavy Lift Work (Parts 1 and 2) for the project will commence on November 1, 2020, and will be substantially complete by May 18, 2021. This portion of the project will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions by June 1, 2021.
- Bidder agrees that the Ocean Transport Barge Pier (Pier) Work (Part 3) for the project will commence on November 1, 2020, and will be substantially complete by November 30, 2021. This portion of the project will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions by December 31, 2021.

*Quonset Development Corporation  
Pier and Landside Improvement Project  
General Dynamics, Electric Boat Division*



Bidder agrees that the transporter route through the construction area to the crane and the sea shuttle shall be open and passable at all times during construction process. All modifications to the path must be coordinated and acceptable to Electric Boat

QUONSET DEVELOPMENT CORPORATION  
Mr. Steven J. King, PE  
Managing Director

**END OF SECTION 001116**