

**QUONSET DEVELOPMENT CORPORATION**  
**Invitation to Bid/Proposal**

A Bid/Proposal is solicited for the following work:

Name of project:       **Upgrade and Relocate the Existing Electrical Substation on Pier 2**

Description of work: This project will construct a new electrical substation on Pier 2 in the Port of Davisville located within the Quonset Business Park. It will be able to handle power for the existing high mast lighting and for additional loads including auxiliary power for a new crane, and power for future reefer containers. Power for the cranes (and future reefer containers) will be 280 volts, three phase, so the new system will be 480 volts and a small transformer will be provided to obtain the 120/208 volts required for the high mast lighting. The project includes but is not limited to:

- Removal and disposal of existing substation including equipment, fence and concrete pad.
- Construction of a substation pad including fencing, gate and bollards.
- Construction of concrete encased electrical conduit and pedestal for crane power receptacle.
- Underground electric service connection at existing manhole No. 5 including grounding, 15kV cable splices, secondary, metering provisions, and main overcurrent device.
- Installation of new service equipment, power, and connection to existing lighting systems including distribution equipment, feeders, branch circuits, wiring devices, etc, and new pad mount transformer furnished by others.
- Disconnect switches, circuit breakers, transformers and receptacles for connection of the crane power supply cords and panel and transformer for the existing high mast lighting.
- New convenience outlets, conduit and wiring for the service pedestals.
- Primary conduit, secondary conduit and wire to lighting transformer.
- Wire in trench on pier.

**Contract: No.       2012-019**

**Bidding Information:**

Where Received:       Quonset Development Corporation  
                              Quonset Business Park  
                              95 Cripe Street  
                              North Kingstown, RI 02852  
                              Attn: Steven J. King, P.E  
                              Managing Director

Closing Date:         All written bids must be received before October 18, 2012 at 2:00 PM

Attachments:

- (A) Specifications
  - Section 02200 Earthwork
  - Section 03300 Cast-in-Place Concrete
  - Section 16100 Electrical Works
- (B) Bid Proposal
- (C) Plan Set

Inquiries:

Inquiries regarding this project can be addressed to Mr. Edward Spinard, Director of Development Services, Quonset Development Corporation, 95 Cripe Street, North Kingstown, Rhode Island (Telephone No. 401-295-0044 ext. 238). Prospective bidders are encouraged to examine the premises and may schedule an appointment with the Quonset Development Corporation Office, during normal working hours (Monday through Friday, 8:30AM – 4:30PM).

Waiver & Acceptance:

The Quonset Development Corporation reserves the right to reject any or all of the bidders and to waive any informality in bids received and to accept that bid which, in its judgment, best serves the interest of the Corporation.

Bonding 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.

Method of Award:

Award of this contract will be made to the responsive, responsible Contractor who meets the minimum qualifications set forth in this solicitation. These qualifications are as follows:

Experience:

A minimum of five (5) years' experience with commercial and industrial electrical work. Contractor shall provide a list of work successfully performed. Contractor shall have completed a minimum of five (5) similar jobs in the past two years. Contractor shall possess a valid electrical license in the State of Rhode Island.

Pre Bid Conference: Tuesday October 9, 2012 at 10:00 AM Local Time at the offices of the Quonset Development Corporation, 95 Cripe Street, Quonset Business Park, North Kingstown, Rhode Island 02852.

**Instruction to Contractors**

**Bid Prices:** For the purpose of the Award, all bids received shall be good for a period of ninety days from the date of the bid opening. Bid prices must include cost of labor, supplies, taxes, insurance, overhead and all other costs associated with doing business and prosecuting the work. If bidder is awarded contract no price adjustments will be allowed unless approved by Quonset Development Corporation.

**Site Conditions:** Bidders should visit the site and take such other steps as may be reasonably necessary to ascertain the nature and location of the work, and the general and local conditions which can affect the work or the cost thereof. Failure to do so will not relieve bidders from responsibility for estimating properly the difficulty or cost of successfully performing the work. Quonset Development Corporation will assume no responsibility for any misunderstanding or representations concerning conditions made by any of its officers or agents prior to the execution of the contract, unless included in the invitation of bids, the specifications, or related documents.

**Bid Form:** Bids shall be submitted on the forms furnished, or copies thereof, and must be manually signed. If erasures or other changes appear on the forms, each erasure or change must be initialed by the person signing the bid. Telegraphic bids will not be considered. The bidder shall bid on all items, failure to do so will disqualify the bid.

**Public Copy:** Each bidder shall submit a copy of their Bid Proposal to be available for public inspection at the time of the bid opening. An original Bid Proposal and a copy (“Public Copy”) of the Bid Proposal shall be submitted.

**Delivery Requirements:** Each bid shall be addressed to the Quonset Development Corporation and shall be delivered to the address given in the invitation to bid on or before the day and hour set for opening of bids. Each bid shall be enclosed in a sealed envelope bearing the title of the work, the name of the bidder, and the date and hour of the bid opening. It is the sole responsibility of the bidder to see that his bid is received on time.

**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. Prevailing wage rates are those that are in effect ten (10) days prior to the bid opening and can be obtained from the Rhode Island Department of Labor and training at [www.dlt.ri.gov](http://www.dlt.ri.gov).

Equal Opportunity Requirements:

Unless otherwise exempt, bidders must certify that they are in compliance with applicable requirements of Federal Executive Order No.11246, as amended, State of Rhode Island Executive Order 85-11 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. This proposal is subject to Rhode Island General Law 37-14-1.

Execution of Agreement:

The form of Agreement which the successful bidder, as Contractor, will be required to execute will be the standard QDC contractor's contract. The bidder to whom the Contract is awarded by QDC shall, within fifteen (15) days after notice of award and receipt of Agreement forms from the QDC, sign and deliver to the QDC all required copies.

All work specified must be executed in the most thorough, substantial, and workmanlike manner and must be completed to the satisfaction of the Quonset Development Corporation/Owner. Only skilled workmen are to be employed on this job. All workmanship shall be of the highest quality, meeting the best standards of the trade. If the Contractor does not meet the above listed requirements the Owner shall notify the Contractor of such, verbally of items lacking in poor workmanship, with a follow up in writing. After three (3) notifications indicating poor workmanship, the Owner reserves the right to terminate the Contract

Insurance:

Each Contractor shall include in its solicitation response package proof of insurance capabilities, including but not limited to the following requirements: (This does not mean that the contractor must have the coverage prior to submittal, but, that the coverage must be purchased and in place prior to the contact being executed by QDC). A certificate of insurance indicating that the awarded Contractor has the coverage in accordance QDC's requirements shall be furnished by the Contractor to QDC along with the Contract Agreement. The Contractor shall provide and maintain at all time during the term of the contact the policies of insurance.

The contractor shall indemnify, hold harmless and defend QDC its agents and its employees from any and all claims actions or liabilities for injuries or damaged sustain any persons, property arising directly from the Contractors performances of this contract. The Contractor shall prior to the award provide proof of insurance

for workmen's compensation, general liability, and automobile insurance. The coverage shall have the following minimum limits:

Workers Compensation, etc.

- (1) State: Statutory
- (2) Applicable Federal Statutory
- (3) Employer's Liability: \$500,000

Comprehensive General Liability:

- (1) Bodily Injury (including completed operations and products liability):  
\$500,000 Each Occurrence  
\$ 1,000,000 Annual Aggregate

- (2) Property Damage  
\$ 500,000 Each Occurrence  
\$ 1,000,000 Annual Aggregate  
or a combined single limit of \$2,000,000

- (3) Property Damage Liability insurance will provide Explosion, Collapse and Underground coverage's where applicable.

- (4) Personal Injury, with employment exclusion deleted

\$1,000,000 Annual Aggregate

Comprehensive Automobile Liability:

Bodily Injury:  
\$500,000 Each Person  
\$1,000,000 Each Occurrence

Property Damage:  
\$500,000 Each Occurrence  
or combine single limit of \$2,000,000

### **Port of Davisville**

#### **Terminal Access Control Policy**

The Quonset Development (QDC) requires that all persons who have a legitimate business need to enter upon property owned and controlled by the QDC at the Port of Davisville possess and display a properly issued and authorized identification card. Persons who regularly access the Port of Davisville must display a Photo Identification Card at all times when on the facility. The person requesting a photo ID card must complete an Identification

Card application form. In addition, the person's employer must request that an Identification Card be issued to the employee by completing the lower portion of the application form.

### **Pier Access**

Access to the piers, which are restricted areas, and thus to any vessels that may be on berth, will be strictly controlled. Port Security personnel will control access to the piers. Only personnel who are authorized by the Facility Security Officer (FSO) or his designated representative, will be allowed access, and will be required to have a Transportation Worker Identification Credential (TWIC) and a Port of Davisville photo identification card.

The possession of a TWIC is required for individuals who need access to restricted areas in the course of their employment and the nature of their work. Persons seeking access to the piers who do not possess a TWIC, are not routinely employed at the Port of Davisville, but have demonstrated a business need to enter, and are approved by the FSO to enter, shall only enter the piers with a QDC approved TWIC escort as a side-by-side companion at the ratio required by federal regulation (1:5). These persons are defined as visitors. All visitors must be requested and approved in advance of arrival to the piers.

A sponsoring employer who requests a visit for their employee, or whose employee performs a TWIC escort, assumes responsibility for ensuring their employee maintains compliance with the federal mandate.

All visitors and escorts must agree to abide by the policies and procedures outlined in the QDC policy or access is denied. Failure to adhere to these procedures is a violation of federal law and constitutes a breach of security. All breaches of security will be reported, as required by federal law and the Port Facility Security Plan, and may result in fines imposed by the US Coast Guard for non-compliance.

### **Scope of Services**

#### Outline Scope:

The following outline provides a scope of work for the upgrade and relocation of the Existing Electrical Substation on Pier 2. Reference to R.I. Department of Transportation Standard Specification for Road and Bridge Construction is limited to scope only and does not include Measurement and Payment sections.

### Public Safety

- Contractor shall notify Office of Port Operations and provide Contractors work schedule before starting work.
- Contractor will need to schedule work around ship traffic and ship schedule with Port Operations.
- Contractor shall supply all barricades, signage, drums, cones, and any traffic control devices required for public safety and traffic control.
- Life Jackets will be required when working within twenty feet to edge of Pier.

### Site Preparation

- Construction survey to establish line and grade for concrete pad, conduit and associated structures in accordance with plans.
- Prepare the site for subsequent construction activities including the removal and disposal of existing substation, equipment, fence, concrete pad and miscellaneous objects in accordance with plans and Section 201 Site Preparation R.I. Department of Transportation Standard Specification for Road and Bridge Construction (RI General Specifications)
- Test Pits for identifying utility crossing in accordance with plans and Section 919 Test Pits of RI General Specifications
- Earth excavation for conduit, concrete pad, bollards, service pad and other structures in accordance with plans and Section 02200 Earthwork (enclosed).

### Project Construction

- Furnish and install concrete structures including concrete pad, bollards, curb and service pedestal in accordance with plans and Section 03300 Cast-in-Place Concrete (enclosed).
- Furnish and install electrical conduits in accordance with plans and Section T.06 Conduit of RI General Specifications and Section 03300 Cast-in-Place Concrete (enclosed).

### Electrical Work

- Underground electric service connection at existing manhole no. 5 including grounding, 15kV cable splices, secondary, metering provisions, and main overcurrent device in accordance with plans and Section 16100 Electrical Work.
- Installation of new service equipment, power, and connection to existing lighting systems including

distribution equipment, feeders, branch circuits, wiring devices, etc, and new pad mount transformer furnished by others device in accordance with plans and Section 16100 Electrical Work.

- Disconnect switches, circuit breakers, transformers and receptacles for connection of the crane power supply cords and panel and transformer for the existing high mast lighting. device in accordance with plans and Section 16100 Electrical Work.
- New convenience outlets, conduit and wiring for the service pedestals device in accordance with plans and Section 16100 Electrical Work.
- Primary conduit, secondary conduit and wire to lighting transformer device in accordance with plans and Section 16100 Electrical Work.
- Wire in trench on pier device in accordance with plans and Section 16100 Electrical Work.

#### Restoration

- Furnish and install fence and gate in accordance with the plans and Section 920 Fence of RI General Specifications.
- Furnish and install gravel and bituminous pavement in accordance with plans and Section 401 of RI general Specification
- Clean and sweep pavement of all debris created during preparation and painting operations.
- Dispose of all trash and debris generated during construction.
- Complete all incidentals required to finish the work, complete and accepted by QDC.
- Prepare and furnish “as built” plans in electronic and hard copy to QDC.