



Solicitation Information
May 18, 2012

Request for Proposals # 7449746

Title: Cogeneration Plan Black Start Diesel Generator, DOA

Submission Deadline: 6/26/12 at 1:45 PM

Questions concerning this solicitation must be received by the Division of Purchases at construction@purchasing.ri.gov no later than: June 8, 2012 at 12:00 Noon (ET). Questions should be submitted in a *Microsoft Word attachment*. Please reference the RFP # 7449746 on all correspondence. Questions received, if any, will be posted on the Internet as an addendum to this solicitation. It is the responsibility of all interested parties to download this information.

There will be a **Mandatory pre-bid meeting** at John O. Pastore Cogeneration Plant, Cranston, Rhode Island on 6/13/12 at 10:00 AM 13 Power Road, Cranston, RI

SURETY REQUIRED: Yes

BOND REQUIRED: Yes

John F. O'Hara II
Chief Buyer

Vendors must register on-line at the State Purchasing Website at www.purchasing.ri.gov

Note to Vendors:

Offers received without the entire completed three-page RIVP Generated Bidder Certification Form attached may result in disqualification.

THIS PAGE IS NOT A BIDDER CERTIFICATION FORM

SECTION 1 – INSTRUCTIONS AND NOTIFICATIONS TO PROPOSERS:

The Rhode Island Department of Administration/Division of Purchases is soliciting proposals to plan and install black start generator power at an Central Power Plant Facility, from qualified vendors in accordance with the terms of this Request for Proposals and the State's General Conditions of Purchase.

This solicitation, and subsequent award, is governed by the State's General Conditions of Purchase, which is available at www.purchasing.ri.gov

The scope of work is described herein and includes the attached specifications.

Potential respondents are advised to review all sections of this solicitation and the attached specifications carefully and to follow instructions completely, as failure to make a complete submission as described elsewhere herein may result in rejection of the proposal.

Alternative approaches and/or methodologies to accomplish the desired or intended results of this procurement are encouraged. However, proposals which depart from or materially alter the terms, requirements, or scope of work defined by this Request will be rejected as being non-responsive.

All costs associated with developing or submitting a proposal in response to this Request, or to provide oral or written clarification of its content shall be borne by the respondent. The State assumes no responsibility for these costs.

Proposals are considered to be irrevocable for a period of not less than sixty (60) days following the opening date, and may not be withdrawn, except with the express written permission of the State Purchasing Agent.

The State reserves the right to unconditionally accept or reject any and all proposals.

Proposals misdirected to other State locations or which are otherwise not present in the Office of Purchases at the time of opening for any cause will be determined to be late and may not be considered.

It is intended that an award pursuant to this request will be made to a prime contractor, who will assume responsibility for all aspects of the work. No assignment of this contract by the prime contractors should be permitted.

Evaluation of proposals will include consideration of competence and specific experience in power generation system installations, the vendor's ability to meet ARRA funding requirements including Buy America, Prevailing Wage, and the ability to complete all installations by _____
Include a detailed proposal for the John O Pastore Center; proposals will be evaluated in part based on the recommendations for this site.

Persons or firms practicing Architectural and/or Engineering Services in the State of Rhode Island must possess a proper registration and Certificate of Authorization in accordance with Rhode Island General Laws. A copy of the current Rhode Island Certificate of Authorization for the firm and current Rhode Island registration(s) for the individual(s) who would perform the work must be included behind the front page of each copy of the Proposal.

In accordance with Title 7, Chapter 1-1 of the General Laws of Rhode Island, no foreign corporation, a corporation without a Rhode Island business address, shall have the right to transact business in the state until it shall have procured a Certificate of Authority to do so from the Rhode Island Secretary of State (401-222-3040). *This is a requirement only of the selected vendor(s).*

Bidders are advised that all materials submitted to the State of Rhode Island for consideration in response to this Request for Proposal will be considered to be public records, as defined in Title 38 Chapter 2 of the Rhode Island General Laws, without exception, and will be released for inspection immediately upon request, once an award has been made.

Interested parties are instructed to peruse the Division of Purchases website on a regular basis, as additional information relating to this solicitation may be released in the form of an addendum to this RFP.

The respondent should be aware of the State's Minority Business Enterprise (MBE) requirements, which addresses the State's ten per cent (10%) participation by MBE's in all State procurements. For further information, contact the MBE Administrator, at (401) 574-8253 or visit the website at <http://www.mbe.ri.gov>

Equal Employment Opportunity (RIGL 28-5.1) § 28-5.1-1 Declaration of policy. – (a) Equal opportunity and affirmative action toward its achievement is the policy of all units of Rhode Island state government, including all public and quasi-public agencies, commissions, boards and authorities, and in the classified, unclassified, and non-classified services of state employment. This policy applies in all areas where the state dollar is spent, in employment, public service, grants and financial assistance, and in state licensing and regulation. For further information, contact the Rhode Island Equal Employment Opportunity Office, at 222-3090 or via email raymond1@gw.doa.state.ri.us

Subcontracts are permitted, provided that their use is clearly indicated in the offeror's proposal, and the subcontractor(s) proposed to be used are identified in the proposal.

RIGL 37-13-3.1 State public works contract apprenticeship requirements. * (a) Notwithstanding any laws to the contrary, all general contractors and subcontractors who perform work on any public works contract awarded by the state after passage of this act and valued at one million dollars (\$1,000,000) or more shall employ apprentices required for the performance of the awarded contract. The number of apprentices shall comply with the apprentice to journeyman ratio for each trade approved by the apprenticeship council of the department of labor and training.

Pre-Proposal Questions and Pre-Proposal Meeting:

Questions, in **Microsoft Word Format**, concerning this solicitation, may be e-mailed to the Division of Purchases at construction@purchasing.ri.gov no later than the date & time indicated on page 1 of this solicitation. Please reference the RFP # on all correspondence.

A Mandatory pre-bid meeting will be held in accordance with the terms and conditions expressed on page one of this solicitation.

Responses to questions received, if any, will be discussed at the pre-proposal meeting and provided, as an Addendum to this RFP, on the Rhode Island Division of Purchases website at (www.purchasing.ri.gov) It is the responsibility of all interested respondents to download this

additional information. *If technical assistance is required to download, call the Help desk at (401) 222-3766*

Responses, an original proposal plus four (4) copies, including Standard Form 330 (available on the Purchasing Website on the Standard Forms page), as well as other details including personnel, experience, and qualifications data, should be mailed or hand-delivered in a sealed envelope marked

“RFP # 7449746 – Cogeneration Plan Black Start Diesel Generator, DOA to:

RI Dept. of Administration
Division of Purchases, 2nd floor
One Capitol Hill
Providence, RI 02908-5855

NOTE: Proposals received after the above-referenced due date and time will not be considered. Proposals misdirected to other State locations or which are otherwise not presented in the Division of Purchases by the scheduled due date and time will be determined to be late and may not be considered. Proposals faxed or emailed to the Division of Purchases will not be considered. The official time clock is located in the reception area of the Division of Purchases

Proposals should include the following (*Proposal Elements*).

At a minimum, proposals shall contain the following elements:

1. In order to better compare proposals, the vendors should submit a more detailed review of one of the site: John O Pastore Cogeneration Plant. The RIDOA will hold a pre-proposal meeting at this site. Vendors will be given access to mechanical rooms, buildings and grounds in order to develop a recommended proposal.
1. A completed and signed three-page RIVIP generated bidder certification cover sheet (downloaded from the RI Division of Purchases Internet home page at www.purchasing.ri.gov)
2. A completed and signed W-9 Form downloaded from the RI Division of Purchases Internet home page at www.purchasing.ri.gov by clicking on RIVIP, then General Information and then Standard Forms.
3. Qualification statement for the firm or team, including, but not necessarily limited to:
 - a. The experience of the firm or, for a team, the experience of each team member in energy generation project development.
 - b. The experience of key firm or team members in energy generation project development and other energy generation project development.
 - c. An organizational chart for the project team indicating the name of the team member, the team reporting structure and a narrative describing the responsibility of the team member
 - d. Financial information demonstrating the capability of the firm or team to complete the project successfully. Audited financial statements are not required for this proposal.
 - e. Other information at the discretion of the proposer that will demonstrate the firm or team's ability to meet the State's goals for this project.

4. Total Estimated \$/Watt of installed equipment This should be an estimated cost.
5. A project schedule including all major activities from notice to proceed to project operation.
6. In addition to the multiple hard copies of proposals required, Respondents are requested to provide their proposal in electronic format (CDROM). Microsoft Word / Excel OR PDF format is preferable. Only one (1) electronic copy is requested. This CD should be included in the proposal marked "ORIGINAL".
7. A completed and signed three-page RIVIP Bidder Certification Cover Form, available at www.purchasing.ri.us.
8. A complete Life Cycle Cost of all operating cost including all O & M and fuel based on 2,000 hours per year of operation.

The proposals will be ranked considering the following criteria:

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|-----|---|
| 25% | Ability of the Vendor to complete the installations by _____. |
| 15% | Total <u>Estimated</u> equipment and labor cost |
| 60% | Total <u>Estimated</u> life Cycle Cost for Five Years. |

A Selection Committee will evaluate submitted proposals on the basis of the above criteria items. Consultant Teams may be invited to appear before the Committee for in-person presentations. The Committee will then make a qualifications based recommendation for final selection to the Rhode Island State Purchasing Agent, or her designee, who will make the final award decision.

Notwithstanding the above, the State reserves the right not to award this contract or to award on the basis of cost alone, to accept or reject any or all responses, and to award in its best interest.

Responses found to be technically or substantially non-responsive at any point in the evaluation process will be rejected and not considered further. The State reserves the right to reject any or all responses submitted and to waive any informalities in any vendor's submission.

SECTION 2 – PROJECT DESCRIPTION

Introduction

Site #1 - The John O Pastore Center is a large complex of state-managed facilities located in Cranston, RI. The central utilities plant for the campus currently houses two (2) gas fired combustion turbines with heat recovery steam generators, steam turbine driven electric generators and a steam turbine driven chiller. The proposed project consists of adding a 2MW diesel fired reciprocating engine driven generator (DEG) to the central cogeneration plant for the purpose of black-start of the plant. The new 2MW generator will be located in a separate enclosure outside the existing plant. The enclosure will contain the generator, engine, fuel oil day tank, and a urea tank with controls and pumping station. The Urea system serves the selective catalytic reduction package (SCR) for NOx reduction and will be located on the roof of the

enclosure. The SCR is required to reduce NOx emissions and contains a filter package that removes particulate matter resulting from incomplete combustion. The outlet of the SCR is connected to a new, dedicated exhaust stack. The new engine will burn #2 fuel oil at an approximate rate of 140 gallons/hr. The existing 100,000 gallon tanks located outside the existing central plant building will supply fuel to the new DEG via a new 2" line tied into the existing system. The fuel line will be double wall containment type with leak detection. The generator will be interconnected into the site electrical distribution system. The existing plant control board and control system graphics will be modified to incorporate control of the new DEG. The selected contractor will be responsible for completion of the engineering design based on the final equipment selection. The contractor will be responsible for all permitting requirements and cost associated with it including the completion of the air permit application and environmental consultant costs.

The selected Vendor will include in their work and deliverables the following:

1. Comply with all codes, regulations, ordinances, and statutes. The vendor will be responsible for all costs associated with code and ordinance compliance and to obtain a RI State Building Code Permit and occupancy permit upon completion of construction for each site. The vendor will be responsible to submit all required information and reports to the RI Building Code office to obtain permits and approvals
2. The project must comply with the requirements of FAR 52 225-11 Buy American Act- Construction Materials Under Trade Agreements. Per RI General Laws, all steel used on the project must be US steel;
3. The vendor will be required to submit stamped and signed drawings by a RI Registered engineer including electrical drawings and site plans where required to show all required work to install and interconnect the generator systems including electrical sitework, transformers, utility interconnection, internet connections and equipment, computer equipment, utility and all other electrical equipment, and mounting systems. Utility company fees are to be included in the vendor's contract.
4. Maintenance Contract: Provided by vendor
5. Finalization of the air permit application will be required by the contractor. The protocol for the modeling of the diesel generator has been accepted by RIDEM. Upon final selection of the diesel generator the contractor shall notify TRC Solutions in Windsor CT (860) 298-9692. The selected contractor shall be responsible for all subcontract cost required by TRC Solutions to finalize and obtain the air permit for the new diesel generator.

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