

Prudence Island Water District
Box 93
Prudence Island, RI 02872

Request for Quote

Installation of 18,000W 120/240V Propane Emergency Generator and Automatic Transfer Switch

March 25, 2024

The Prudence Island Water District (PIWD) will receive proposals from qualified firms to install an emergency propane generator and automatic transfer switch.

Parties interested in submitting a proposal may obtain a copy of the RFP and related information from Prudence Island Water District. All information outlined in the RFP, along with any other pertinent facts necessary for proper evaluation of this proposal should be delivered to:

**Prudence Island Water District
PO Box 93
Prudence Island, RI 02872
it@pih2o.org**

The Prudence Island Water District reserves the right to waive any informalities or irregularities in proposals received, or to reject any or all proposals without explanation. The PIWD specifically reserves the right to reject any conditional proposal.

Site visits are available by request.

Any additional information necessary can be requested from:

**Prudence Island Water District
PO Box 93
Prudence Island, RI 02872
Phone: 401 266 5430
Fax: 401 683 5751
Email: it@pih2o.org**

To ensure fair competition, all proposers will receive the same information and materials. All inquiries received and answers given will be publicly posted on our web site. A URL can be obtained by emailing the address above.

Prudence Island Water District
Box 93
Prudence Island, RI 02872

Request for Proposal

Installation of 18,000W Propane Emergency Generator and Automatic Transfer Switch

Project Description

The Prudence Island Water District is soliciting proposals for an automatic 18kW, 120/240V, propane emergency generator at its 0115 Broadway Booster facility on Prudence Island, Rhode Island (41.60030°N 71.31226°W).

The site is currently served by a gasoline-fired generator and transfer switch that are operated manually. This manual transfer switch is to be replaced with an automatic transfer switch, and a new 18kW automatic emergency propane generator is to be installed. The new generator is also to be equipped with remote status monitoring.

The successful proposer will procure a generator that meets or exceeds the functional specifications herein, install it in the outdoor location described, connect the generator to current electrical infrastructure (making any modifications needed) via a new automatic transfer switch, remove and dispose of the old transfer switch, and leave the site in the condition in which it was found. The successful bidder will also provide operating instructions for the generator and remote monitoring, provide a brief orientation for the operations staff, and warrant the equipment and installation for 12 months.

Proposals for the generator project will be required to provide a price for an extended (5-year) service contract as a separate item.

The proposal may include a price for sourcing and installation of a pair of 100-gallon propane tanks, pre-cast pads, and piping, or may indicate that the Prudence Island Water District is responsible for sourcing the propane infrastructure.

Qualifications

The successful proposal shall meet the following minimum qualifications:

- ◆ Experience in installation of self-starting propane-fueled emergency generators and automatic transfer switches.
- ◆ Registration and licenses as required by law.
- ◆ Compliance with any requirements for federal project funding under the American

Rescue Plan (ARPA)

The project is subject to prevailing wages under the Davis Bacon Act and RIGL 37-13.

If one or more subcontractors are involved, each subcontractor should submit three (3) relevant experiences, and the contractor must certify that he/she has done due diligence to investigate the subcontractor's qualifications and experience to perform the job and the necessary insurances and registration required by law, similar to the criteria for the contractor.

The contractor and any subcontractors are responsible for arranging and paying for all transportation of goods, equipment, and personnel, paying particular attention to the ferry schedule for Prudence Island.

Proposal Content

The proposal should include the following:

- ◆ Detailed information (by incorporation or by reference) on the generator and transfer switch (e.g. make, model, life, capacity, warranty, size, remote monitoring capability, etc), if applicable.
- ◆ A detailed description of changes to, or replacement of, the existing electrical panel, if applicable. This should include make, model, etc., of any major parts.
- ◆ Approximate lead time on procurement and installation.
- ◆ A summary of the qualifications and experience of the proposer.

Project Scope

In addition to providing the generator and transfer switch itself, successful proposers should include costs for the following in the price:

- ◆ Provision of a pad for mounting the generator
- ◆ Underground trenching and installation of all electrical connections to the building
- ◆ Transfer switching to accommodate automatic operation during power outages
- ◆ A Five-year annual service and maintenance contract for the generator and associated equipment
- ◆ Any subscription fees related to remote monitoring capabilities
- ◆ All transportation, notably including ferrying, of equipment and personnel to and from the site during installation and commissioning of the emergency generator
- ◆ Optionally, provision and installation of two 100-gallon propane tanks, precast pads, and all appropriate valving and piping
- ◆ **All building permits and other construction site permitting and regulations**
- ◆ **Training for on-site personnel in routine and emergency operations**

If not included in the proposal, the PIWD will source and install propane tanks on site.

Generator Specifications

The generator supplied must be new and must meet or exceed the following

specifications of the current generator, including the following functional criteria:

- ◆ Outdoor, all-weather operation
- ◆ Automatic start upon power outage
- ◆ Propane-fueled
- ◆ 18,000 Watt (on propane fuel)
- ◆ 120/240V single phase 60Hz
- ◆ Unit must provide operational status, diagnostic fault codes, or similar, via a remote interface such as email, text message, or web site

Insurance

Contractor must provide Certificates of Insurance to PIWD showing General Liability, Automobile, and Worker's Compensation coverage.

Site Visit

Site visits are available for interested contractors by appointment with PIWD operations staff. Please visit www.prudencebayislandstransport.com for ferry schedules and rates. Escort service will be provided to and from the Prudence Island pier and the site, or you may bring your own vehicle.

Other Information

To ensure fair competition, all proposers will receive the same information and materials. See our website at pih2o.org for a link, or email it@pih2o.org for more information.

No bidder may withdraw their proposal within sixty (60) days after the actual date of the receipt thereof.

The Prudence Island Water District does not discriminate on the basis of age, religion, national origin, color or disability in accordance with applicable laws and regulations.

Site Photos

Existing panel and manual transfer switch





Attachments

Engineering drawings