

TOWN OF HUDSON, N.H.

**SAGAMORE PUMP STATION
STANDBY GENERATOR**

BID SPECIFICATIONS

SEPTEMBER 2016

Prepared by

Hudson Highway Department

Hudson, New Hampshire 03051

INVITATION TO BID

The Town of Hudson New Hampshire Highway Department requests sealed bids for the purchase of one Standby Generator installed at the Sagamore Sewerage Pumping Station.

Attached are the town's minimum specifications. For additional information, please contact Jess Forrence, Highway Department, at 603-886-6018, Monday through Thursday between the hours of 6:00 a.m. and 4:00 p.m.

Bids must be submitted to the Town of Hudson, Office of the Town Clerk, 12 School Street, Hudson, N.H. 03051, by 9:00 a.m., September 29, 2016, in a sealed envelope clearly marked, "STANDBY GENERATOR, SAGAMORE PUMP STATION," on the outside of the envelope.

Bid specs are attached and are to be considered a minimum spec but must be met in its entirety.

The Town of Hudson reserves the right to waive any informalities, or to accept or reject any or all bids, to require test proving of proposed equipment by whatever means deemed necessary or to accept such bids as deemed in the best interest of the Town.

TOWN OF HUDSON, NH
STANDBY GENERATOR, SAGAMORE PUMP STATION
MINIMUM BID SPECIFICATIONS
SEPTEMBER 2016

General

The Town of Hudson, N.H. is seeking bids for a new 125 KW Standby Electrical Generator for the Sagamore Pump Station located on Sagamore Dr., Hudson NH.

Bids for the equipment package desired shall generally contain the following features. Any variation to the requested equipment features shall be identified by the bidder.

1. Diesel powered Electrical Generator set. Capacity to be 125 kw, 480v, 3 phase 60hz mounted on top of a diesel tank with 2 days run time capacity
2. 200 Amp, 480 volt 3-phase transfer switch
3. Solid State Controls
4. Battery Warmer
5. Battery Charger
6. Block Heater
7. Critical grade silencer package
8. Start-up
9. Load testing
10. Training for key Town personnel
11. All equipment to be fully weather proof and built to stand alone
12. Built in the U.S.A.
13. Additional Equipment as specified

The successful bidder will be responsible for the following:

1. Coordination of all related site work and trenching with Town of Hudson Highway Department staff. (Trenching and pad site prep will be done by Town)
2. Design and building of the concrete base pad for the generator. Pad to be minimum 8" thick 3500 LB concrete with 1/2" Re-bar arranged in 12" x 12" grid. Pad to extend 12" Larger than generator in all directions. Generator to be bolted down to concrete pad in accordance with manufacturer specifications. The cost for the concrete pad shall be included as part of the total project cost.
3. Supply and install conduits to complete existing "stubs" for the project.
4. Supply and install conduits and conductors to new transfer switch. Make connections for Transfer switch, battery charger, battery warmer and Block heater.
5. Coordination for start-up, testing and training.
6. Obtain ALL required permits and coordinate inspections.

Bidder Responsibility

The bidder shall quote equipment that is built in the United States by a manufacturer who has been regularly engaged in production of engine alternator sets and associated controls for a minimum of ten years so there is one source of supply and service.

Manufacture Qualifications

Equipment quoted shall be of good quality and have a demonstrated history of reliability. The installer of the generator shall be authorized by the manufacturer as an authorized generator installer is a requirement of maintaining the generator warranty.

Manufacturers Requirements

Single manufacturer responsibility for the complete engine generator set include the manufacture of the engine and/or the alternator, building of set, factory test, factory warranty and shipping. Coordination between manufacturer, distributor and contractor is essential.

The manufacturer shall have printed literature and brochure describing the standard series offered (not a one of a kind fabrication). The manufacturer shall provide schematic and wiring diagrams for the complete standby power system.

Supplier Qualification

The successful vendor must be engaged in supervising installation of and servicing engine generator sets and must be a factory authorized service organization with factory trained service technicians. Firms must be within a 50 mile radius of the project, maintain stock of standard spare parts and offer 24 hour service availability, 7 days a week.

System Components

Engine

The engine shall be Diesel Fueled, 4 cycle, water cooled with mounted radiator, fan, water pump, and closed recovery system. The radiator shall be capable of providing sufficient cooling capabilities for operation in 110 degree Fahrenheit ambient temperature. It shall have sufficient HP rating to provide continuous service at 100% capacity.

The engine shall have hard faced exhaust valves with rotators. Lubrication shall be full pressure as supplied by a positive displacement lube oil pump. The engine shall be equipped with a dry type air cleaner and oil filter with replaceable elements.

Submission of Proposal

Please furnish one original copy of your proposal to the Town Clerk - Town of Hudson, 12 School Street, Hudson, NH 03051. All submissions shall be marked SAGAMORE PUMP STATION STANDBY GENERATOR. Submissions are due no later than September 29th, 2016 at 9:00am. Any proposal received after such date and time will not be accepted. Facsimile or electronic versions are not acceptable.

Delivery

Delivery must be within 90 days after receipt of the purchase order to the Town of Hudson Highway Department.

BID FORM

BID: SAGAMORE PUMP STATION STANDBY GENERATOR

Town of Hudson, N.H.
12 School Street
Hudson, NH 03051

BID DUE DATE: September 29, 2016 by 9:00 A.M.

BID SUBMITTED TO: Town of Hudson
Office of the Town Clerk
12 School Street
Hudson, NH 03051

BID PROPOSAL:

Overall Bid Price \$ _____

Delivery Date _____

Bid specifications must be attached to this bid form.

The undersigned bidder agrees, if this Bid is accepted, to furnish the Town with all items indicated in the bid specifications, for the bid amount, within the time frame indicated.

Submitted on: _____
Date

By: _____
Name and Title

Company: _____
Corporation's Name

Address

Phone Number