

SAN ANTONIO WATER SYSTEM PURCHASING DEPARTMENT

Issued By: **Clifford Gorman**
BID NO.: **12-1284**

Date Issued: **August 30, 2012**

**FORMAL INVITATION FOR BIDS
FOR THE PURCHASE OF ONE 500 KW STATIONARY EMERGENCY POWER GENERATOR
ADDENDUM NO. 2**

Sealed bids addressed to the Purchasing Director, San Antonio Water System, 2800 US Hwy 281 North, P.O. Box 2449, San Antonio, TX 78298-2449 will be received until **3:00 p.m., September 6, 2012** and then publicly opened and read aloud for furnishing materials or services as described received herein below,

The San Antonio Water System Purchasing Department is willing to assist any bidder(s) in the interpretation of bid provisions or explanation of how bid forms are to be completed. Assistance may be received by visiting the Purchasing Office in the SAWS Main Office, 2800 US Hwy 281 North, San Antonio, TX 78212, or by calling (210) 233-3819.

This invitation includes the following:

Invitation for Bids
Terms and Conditions of Invitation for Bids

Specifications and General Requirements
Price Schedule

The undersigned, by his/her signature, represents that he/she is authorized to bind the Bidder to fully comply with the Specifications and General Requirements for the amount(s) shown on the accompanying bid sheet(s). By signing below, Bidder has read the entire document and agreed to the terms therein.

Signer's Name: _____ Firm Name: _____
(Please Print or Type)

Address: _____

Signature of Person Authorized to Sign Bid _____ City, State, Zip Code: _____

Email Address: _____ Telephone No.: _____

Fax No.: _____

Please complete the following:

Prompt Payment Discount: _____% _____days. (If no discount is offered, Net 30 will apply.)

Please check the following blanks which apply to your company:

Ownership of firm (51% or more):

Non-minority Hispanic African-American Other Minority (specify) _____

Female Owned Handicapped Owned Small Business (less than \$1 million annual receipts or 100 employees)

Indicate Status: Partnership Corporation Sole Proprietorship Other (specify) _____

Tax Identification Number: _____

The following is a list of clarifications raised in regards to the specifications.

1.02 DESCRIPTION OF WORK

- A. Provide all labor materials, and equipment to furnish, install, and test the operation of the emergency/standby power generator in accordance with the contract documents and manufacturer's drawings and installation instructions. All equipment shall be U/L 2200 listed and labeled, factory tested, and delivered ready for field installation.

ANSWER

This bid is only for the purchase and delivery to the site, to include off loading. Installation is not required.

All equipment must be U/L 2200 listed.

1.03 APPROVED MANUFACTURERS

- B. The Generator Manufacturer shall have an ISO 9001:2008 Certified Quality Program in order to be considered as an acceptable supplier. Details of the Quality Certification shall be included with the Approval Submittal Documentation.

ANSWER

Only ISO 9001:2008 Certified Manufacturers will be considered.

1.05 SUBMITTALS

Submittals for approval shall include but not be limited to:

- 10. Six month storage plan that will maintain equipment until warranty begins after final installation.

ANSWER

No pricing is required in the storage plan.

1.06 PRODUCTION TESTS

The system manufacturer shall perform production tests on the complete generator set supplied at the generator set manufacturers facility. A certified report of these tests shall be available when requested at the time of the generator set order.

ANSWER

Documented factory tests performed on prototypes that meet these requirements are acceptable.

1.08 WARRANTY / SERVICE

- A. The manufacturer's and dealer's standard warranty shall in no event be for a period of less than two (2) years from date of warranty and shall include repair parts, labor, necessary for repairs at the job site, and expendables (lubricating oil, filters, antifreeze, and other service items made unusable by the defect) used during the course of repair. Applicable deductible costs shall be specified in the manufacturer's warranty. Running hours shall not be a limiting factor for the system warranty by either the manufacturer or servicing dealer. Submittals received without written warranties as specified will be rejected in their entirety.

ANSWER

Running hours may be included as a limiting factor for the warranty provided that the beginning hours are those at the time of installation. Running hours accrued during the storage period will not count towards the total.

2.08 BASE

The engine and generator shall be assembled to the base using vibration isolators which comply with seismic zone 2. The generator set base shall be designed and built by the engine-generator manufacturer to resist deflection, maintain alignment, and minimize resonant linear vibration.

ANSWER

Vibration isolation shall be required as in the specification for seismic zone 2, even though equipment will not be located in a seismic zone.

2.10 BATTERIES

Twenty-four (24) volt VLRA (Valve Regulated Lead Acid) starting batteries; sized as recommended by the generator set manufacturer to comply with the starting and temperature specifications; battery cables, and base mounted battery rack shall be provided. The batteries shall be warranted by the gen set manufacturer.

ANSWER

Vendor is to provide battery manufacturer warranty information.

2.11 DAY TANK

The day tank system shall be supplied by the engine generator set supplier and shall include the following:

ANSWER

Vendor is to provide a day tank as specified.

2.13 WEATHERPROOF HOUSING WITH FUEL TANK BASE (9930)

- B. Test data on similar construction by manufacturer, reviewed by a P.E. licensed in the Commonwealth of Massachusetts, shall be available upon request.

ANSWER

Test data will not be required.

- D. The system shall include a cooling and combustion air inlet silencer section, an equipment enclosure section, and a cooling air discharge silencer section. It shall be designed to reduce source noise by an estimated average 25 dB (A) as measured at 1 Meter. The enclosure shall be designed as follows

ANSWER

Decibel reduction of 75dBA measured at 23 feet is acceptable.

- G. An integral fuel tank underframe with floor and rupture basin shall be supplied, consisting of the following: a rupture basin utilizing minimum 7 ga. steel channel perimeter walls and bottom; a U.L. listed (per U.L. 142) above-ground 600 gallon capacity rectangular tank of minimum 12 ga. steel construction; and a floor system consisting of fabricated or structural steel cross members on centers averaging 16 inches. The cross members will be overlaid with OSB board topped with 14 ga. steel diamond plate. This wood/steel combination must be used for acoustic isolation of the generator set from base. The tank shall have venting and emergency venting per U.L. 142, lockable fill, low level and high level alarm contacts, and a D.C. electric analog level gauge. The cross members shall incorporate 3/8" thick steel tapping plates for genset mounting. The rupture basin shall have a float contact to indicate tank rupture, and the entire system shall be leak tested prior to installation.

ANSWER

Vendor is to provide a 600 gallon base tank that will feed the day tank. There will be approximately 2 to three feet elevation change from the base tank to the day tank.

The enclosure is not required to be a walk in style.

The enclosure is not required to have a 14 ga. diamond plate steel floor over wood flooring.

Item # 2 AUTOMATIC TRANSFER SWITCH

ANSWER

The required current rating for the transfer switch is 800 amps, this was omitted from the specification.

IT IS NOT NECESSARY TO RETURN THIS ADDENDUM WITH YOUR BID.