



CITY OF HOUSTON

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Mayor

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November 4, 2013

Subject: Letter of Clarification No. 1 to Invitation to Bid No. S50-C24730 for the Generator Readiness Improvement Project Citywide for the Public Works and Engineering Department

To: All Prospective Bidders:

This letter of Clarification is being issued for the following reasons:

- **To revise Section “B” Scope of Work/Technical Specifications and respond to questions posed by perspective bidders:**

- 1.) Remove Page No. 16 of 43 and replace with Page No. 16, of 43 marked, REVISED 11/1/2013.
- 2.) The following questions and City of Houston responses are hereby incorporated and made a part of the Invitation to Bid:

Question No 1: Section 3.1 states “All engine repairs shall be performed by factory certified technicians/factory authorized distributors.” Clarification – Would it be ok for prime contractor to provide copy of technician’s certificates proving that prime contractor or its subcontractors have factory certified technicians in order to meet Section 3.1 statement in this construction contract?

Answer: To insure proper procedures, adherence to factory specifications and accountability, all mechanical engine work shall be performed by an OEM factory certified technician/factory authorized distributor. Whether the prime contractor or the subcontractor is performing the rehabilitation of the engine, the technician performing the work shall be an OEM factory certified technician for the service location and the employer of that technician shall be a factory authorized distributor. The prime contractor will be responsible for the submittal of credentials to the City. See the attached revised Page No. 16 of 43, marked REVISED 11/1/2013.

Question No. 2: Can we get the specific age of each generator?

Answer: Our database does not list the age of the generators, therefore any age information must be determined from the manufacturer based upon serial numbers. The serial numbers are in SECTION “BB” of the solicitation document.

Question No. 3: Will it be necessary to provide rental units to maintain load while your units are out of service?

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Answer: No

Note: No further questions will be accepted after the publication of this Letter of Clarification.

When issued, Letter(s) of Clarification shall automatically become a part of the solicitation documents and shall supersede any previous specification(s) and/or provision(s) in conflict with the Letter(s) of Clarification. All revisions, responses, and answers incorporated into the Letter(s) of Clarification are collaboratively from both the Strategic Purchasing Division and the applicable City Department(s). It is the responsibility of the bidder/respondent to ensure that it has obtained all such letter(s). By submitting a bid on this project, bidders/respondents shall be deemed to have received all Letter(s) of Clarification and to have incorporated them into this solicitation and resulting bid.

Furthermore, it is the responsibility of each Contractor to obtain any previous Letter of Clarification associated with this solicitation.

Arturo Lopez

Arturo Lopez
Senior Procurement Specialist
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Attachment: Revised page 16 of 43

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REVISED 11/1/2013

- 3.2 All outages shall be scheduled through the City's UDR. No more than two (2) units shall be out of service at any given time. At plant sites with multiple generators, no more than one (1) unit shall be out of service. The surface water generators shall be scheduled for service outside of hurricane season.
- 3.3 At all times during the repair process, the Contractor shall maintain the City's equipment in a clean and weather protected storage area.
- 3.4 All fasteners must be torqued to manufacturer specification or values as listed in machinery's handbook. All fasteners shall be marked with torque seal inspection lacquer.
- 3.5 All load test results, thermographic images, sample analysis results, clearance settings and torque values shall be combined into site specific report and supplied to the City.
- 3.6 The Contractor shall be required to reference the tabulation of the manufacturer/serial number data for the project generator sets which is listed in SECTION "BB" entitled "Generators" (Types & Locations).
- 3.7 The Contractor shall be required to follow the Texas Commission on Environmental Quality (TCEQ) Regulation No. 117.2003; generators cannot be run for testing and maintenance between 6am and noon. The Contractor shall coordinate all run tests of the engines to occur after noon.
- 3.8 The Contractor shall be required to complete 2.5 generators per month and no more than 2.5 generators will allow being down at one time.
- 3.9 ***The Contractor shall be required to adhere to factory specifications and accountability; all mechanical engine work shall be performed by an OEM factory certified technician/factory authorized distributor. Whether the prime contractor or the subcontractor is performing the rehabilitation of the engine, the technician performing the work shall be an OEM factory certified technician for the service location and the employer of that technician shall be a factory authorized distributor. The prime contractor will be responsible for the submittal of credentials to the City.***

3.0 REFERENCES AND STANDARDS:

- 3.1 Institute of Electrical and Electronic Engineering (IEEE). Standard 51-1992, IEEE Guide for Harmonic Content and Control.
- 4.2 Underwriters Laboratories (UL). UL508
- 4.7 National Electrical Manufacture's Association (NEMA). ISC 6, Enclosures for Industrial Controls and Systems.
- 4.4 International Electrotechnical Commission (IEC). IEC 801-2, 801-4, 255-4.
- 4.8 National Fire Protection Association (NFPA 70 and 110), National Electrical Code (NEC).
- 4.9 Occupational Safety and Health Administration (OSHA)
- 4.10 National Institute of Standards and Technology (NIST)
- 4.11 State and Local codes and Ordinances
- 4.12 City of Houston Electrical Code