

CITY OF HOUSTON  
SCOPE OF WORK FOR  
INSTALLATION OF WATER WELL  
FOR THE  
GENERAL SERVICES DEPARTMENT

It is the intent of the City of Houston to solicit the lowest and best responsible bid or price under competitive conditions.

Prospective bidders are advised that this bid is not to be considered restricted to any referenced manufacturer and all bidders are specifically directed to informal bid terms of the "General Conditions of Bidding".

The following are the minimum acceptable specifications:

**1.0 SCOPE OF WORK:**

Work under this contract shall include the furnishing of all labor, equipment, supplies, parts, tools, transportation, supervision, and necessary insurance to "Installation of a Water Well" for the General Services Department.

Installation of one (1) Water Well involves the following:

- 1.1 Contractors to drill water well to approximately 450-ft
- 1.2 Casing will be 420-ft of SDR-17 PVC pipe
- 1.3 Cement to pressure grout casing from top to bottom
- 1.4 Install 30 ft. of 3-inch. Johnson Super Flow screen fittings or equivalent, liner pipe, and casing seal
- 1.5 Installation of one (1) Grundfos 75S100-16, 10HP,480VAC, 3PH, 60GPM Pump or Equivalent at 50 PSI
- 1.6 Install 336-ft of 2-inch Galvanized T&C, API couplings
- 1.7 Install 340-ft of #10- 3G jacketed electric cable
- 1.8 Install 5"X 2" STX type sanitary well seal
- 1.9 Install one (1) 7' X 10' X 6" cement slab for well and tank
- 1.10 Install one (1) ANSI approved, 480 gallon galvanized pressure tank
- 1.11 Install the automatic system package
- 1.12 Install one (1) 2in. water meter
- 1.13 Install discharge fittings that include a 2-inch gate valve for connection by others.
- 1.14 Control panel for pump to be slab mounted on unistrut stand and power to be brought to this point by others
- 1.15 Removal of all drill mud and drill cutting by containerizing and vacuum truck services.
- 1.16 Obtain application for Harris County and Galveston County subsidence's permit

**2.0 MATERIALS:**

- 2.1 Materials meets or exceeds the standard in the industry for improvement for the services to be performed and conforms with respects to the specifications.

**3.0 QUALITY ASSURANCE:**

- 3.1 Should any material be found defective, not meeting specifications, or that

which has not been approved in writing by the owner shall, upon discovery (including any time within the period of the guarantee), be replaced with the specified equipment or material at no additional cost to the City.

#### **4.0 WARRANTY:**

- 4.1 The Contractor shall guarantee all of the work that is performed under this contract, including all materials, workmanship, for a minimum of one (1) year from the date of full acceptance of the work.

#### **5.0 DISCREPANCIES:**

- 5.1 If there are discrepancies in the specifications, the Contractor shall ask for a clarification from the City prior to bid opening.
- 5.2 If no clarification is requested, the City's judgement shall rule.

#### **6.0 INSURANCE:**

- 6.1 Contractor must comply with the City of Houston insurance requirements, provide insurance certificate, and drug policy forms within three (3) days of request.

#### **7.0 BONDS AND WAGE SCALE:**

- 7.1 Contractor to provide Performance, Payment, and Maintenance Bonds for 100% of award amount for awards over \$25,000 and complying with the City of Houston's Engineering wage scale

#### **8.0 WORKMANSHIP:**

- 8.1 All work shall be performed and completed in a thorough, workmanlike manner and in accordance with the latest proven practices of the trade by thoroughly skilled and experienced workmen.

#### **9.0 PERMITS:**

- 9.1 Unless specifications state otherwise successful Contractor shall be responsible for securing any and all permits for proposed work. Any fee charged for these permits shall be the responsibility of the Contractor and not the City of Houston.

#### **10.0 SITE VISIT:**

- 10.1 All prospective bidders are encouraged to arrange and attend a site visit to Clarify the actual scope of work to be done. Failure of a bidder to arrange and attend a site visit shall not constitute grounds for later claim against the City. Site visit is scheduled for the location listed below:

April 15, 2010 at 1:30 PM  
Houston Emergency Center  
5320 N. Shepherd

Houston, TX 77091

Note: Since the Houston Emergency Center (HEC) is a secure facility, be sure to contact Jim Pettit for access.

City of Houston Contact for questions/concerns: Jim Pettit/713-884-4680 or 713-859-4002

- 10.2 The successful bidder's product shall be supported by an authorized service facility for securing replacement material without undue delay.
- 10.3 Any revisions to be incorporated into this solicitation document arising from discussions before, during and subsequent to the site visit conference will be confirmed in writing by Letter(s) of Clarification prior to the bid due date. Verbal responses will not otherwise alter the specifications, terms and conditions as stated herein.

#### **11.0 TERMINATION OF AGREEMENT:**

- 11.1 This Contract may be terminated by the City Purchasing Agent upon fifteen (30) days notice in writing, if the materials and/or services furnished do not conform to the standard set forth herein; or if the deliveries and servicing of this Contract do not conform to the requirements detailed herein.

#### **12.0 CONTRACT COMPLETION:**

- 12.1 The Contractor shall complete this contract within 30 (thirty) business days of starting date of work.

#### **13.0 CLEAN-UP:**

- 13.1 Unless specifications state otherwise at the completion of all work, Contractor shall remove from the area all trash, rubbish, and debris caused by its operations, leaving the job site clean.

#### **14.0 PRODUCT LITERATURE/SPECIFICATION SHEETS:**

- 14.2 To evaluate bids, the user department and the City purchasing staff may require product literature/specification sheets. When required, the bidders(s) should submit the requested product literature/specification sheets within five (5) calendar days from date of request.
- 14.2 **FAILURE ON BIDDER'S PART TO FURNISH THE REQUESTED TECHNICAL DATA IN THE TIME LIMIT GIVEN ABOVE MAY BE CAUSE FOR REJECTION OF THE BID.**