



CITY OF HOUSTON

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Subject: Letter of Clarification No. 2 to Invitation to Bid No. S50-C24852 to Furnish and Install a Pre-Fabricated Restroom/Shower Building for the General Services 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, add GEOTECH Soil Report and respond to questions posed by perspective bidders:**

- 1.) Remove Page Nos. 8 & 18 of 36 and replace with Page Nos. 8 & 18 of 36 marked, REVISED 1/16/2014.
- 2.) Add the required GEOTECH Soil Report.
- 3.) The following questions and City of Houston responses are hereby incorporated and made a part of the Invitation to Bid:

Question No 1: If the site work is to be installed by others, what bearing pressure per square foot will the pad be designed too?

Answer: The pad is specified on Drawing Sheet No. C4.32. It will be compacted to 95% and consist of 6 inches of crushed stone aggregate. Bearing pressure allowable shall be approximated 1500 psf.

Question No. 2: Will the building pad be finished to grade ready to accept the building modules, extended a minimum of 36” beyond the building floor on all sides and will the required plumbing be installed by the person building the pad?

Answer: The pad is set to the size of the building. There will be a 4” concrete sidewalk along the perimeter; reference Drawing Sheet No. C4.32.

Question No. 3: What size water line will feed the building and what is line pressure?

Answer: Drawing Sheet No. C4.31 indicates a 2 inch water; the water pressure is unknown.

Question No. 4: Should we to provide pricing for a concrete slab/foundation?

**Letter of Clarification No. 2 to Invitation to Bid No. S50-C24852
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Answer: The City of Houston will provide a compacted sub-base and a compacted crushed concrete base for the building. Any additional slabs or foundations required for the building shall be included in the lump sum price of the bid.

Question No. 5: Is there a GEOTECH report available for the soil at the site?

Answer: Yes. See the GEOTECH Soil Report on the following website.

GEOTECH SOIL REPORT can be viewed on the following web link
<https://purchasing.houstontx.gov/buyer/BidDocumentManager.aspx?id=C24852>

Question No. 6: Are we to provide a side walk to the restroom?

Answer: No.

Question No. 7: If Question Nos. 4 & 6 are true, should the slab and side walk around the building be the same?

Answer: N/A.

Question No. 8: What is the water pressure and the water flow rate at the location?

Answer: Unknown.

Question No. 9: Should a bladder tank and booster pump be supplied with the building?

Answer: Yes, the Contractor shall be required to provide a 50 gallon bladder tank with the building for the toilets. *See the attached revised Page Nos. 8 & 18 of 36 marked, REVISED 1/16/2014.*

Question No. 10: Will the mulch from removing the trees be removed prior to gravel or a concrete slab installation?

Answer: Yes.

Question No. 11: Who is installing the or running the underground utilities, electric pole, etc. to the building? Should the contractor provide a quote for the wire to be run from the pole to the building?

Answer: The City of Houston is running the utilities; no quote required.

Question No. 12: Is it safe to assume the City is bringing all utilities to the building and the GC is making the finale connections?

Answer: Yes.

**Letter of Clarification No. 2 to Invitation to Bid No. S50-C24852
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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
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Attachments: Revised Page Nos. 8 & 18 of 36.

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SECTION B

SCOPE OF WORK

REVISED 1/16/2014

PART I

1.0 SCOPE OF WORK SUMMARY:

- 1.1 The Contractor shall be required to provide all supervision, labor, materials, equipment, tools, transportation and ancillary items necessary to furnish and install a 30' X 26' pre-fabricated restroom/shower building at Lake Houston Wilderness Park located at, 25840 FM 1485, New Caney, TX 77357 in strict accordance with the technical specifications and structural drawings stated/referenced herein.
- 1.2 The shower/flush restroom facility must be a large multi-flush, multi-shower facility. The shower/flush building must have a multi-user restroom facility on the front and individual shower rooms on the back. The shower/flush building must be designed to meet all current American with Disabilities Act (ADA) requirements. The building must be built to experience/withstand extreme vandalism.

2.0 PROJECT DESCRIPTION:

- 2.1 The restroom/shower facility shall be equipped with:
 - 2.1.1 A standard simulated cedar shake roof and barnwood wall texture,
 - 2.1.2 Seven 16-gauge galvanized steel doors and frames,
 - 2.1.3 Vitreous china plumbing fixtures (4-lavatories, 5-water closets, 1-urinal, 1 stainless steel ADA shower, 3-stainless steel showers),
 - 2.1.4 Five 3-roll toilet paper holders,
 - 2.1.5 Six exhaust fans,
 - 2.1.6 Five ground fault interrupter outlets,
 - 2.1.7 Nine floor drains,
 - 2.1.8 Four stainless steel mirrors,
 - 2.1.9 Stainless steel windows and weld plates in shower rooms, (*eight windows, as per technical specifications*)
 - 2.1.10 Two 80 gallon electric hot water heaters,
 - 2.1.11 ADA grab bars, ADA signs, ADA shower benches,
 - 2.1.12 One hose bib in chase area,
 - 2.1.13 Motion controlled interior lights and photo cell controlled exterior lights,
 - 2.1.14 Emergency egress lighting and thresholds in all doors,
 - 2.1.15 ***One 50 gallon bladder tank for toilets.***

**Letter of Clarification No. 2 to Invitation to Bid No. S50-C24852
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- 5.20.4 All plumbing must be concealed in the service area. **REVISED 1/16/2014**
- 5.20.5 A hose bib shall be available in the chase area.
- 5.20.6 A main shut-off valve and drain shall be provided with plumbing.
- 5.21 Toilet & Sink:
- 5.21.1 The toilet must be constructed of vitreous china, wall hung, with siphon jet action. The toilet shall have a back spud for a concealed flush valve connection and will be mounted with the top of the seat 18 inches above the finished floor. The seat shall be heavy duty solid plastic with an open front.
- 5.21.2 The flush valve must be concealed closet flush-o-meter constructed of rough brass. The furnish valve shall have an integral vacuum breaker and wall mounted push button. The valve shall be of a water saver type with a flow of 1.6 gallons per flush.
- 5.21.3 The lavatory must be vitreous china with back splash guard, front overflow opening, equipped with brass trap and drain pipe without stopper. The sink shall be 20 inches wide x 18 inches front to back x 5 ¾ inches deep with ADA trap cover.
- 5.21.4 The water valve must be self-closing water set with indexed push button.
- 5.21.5 *The Contractor shall be required to provide one, 50 gallon bladder tank for the toilets.***
- 5.22 Shower:
- 5.22.1 The shower control unit must be 14 gauge 304 stainless steel recessed shower panel with a 2.5 GPM flow rate, pressure balancing valve, recessed soap dish and integral stainless steel shower head.
- 5.22.2 The ADA shower control unit must be 14 gauge, 304 stainless steel recessed shower panel with a 2.5 GPM flow rate, pressure balancing valve, recessed soap dish, high low diverter valve, and high low integral stainless steel shower heads.
- 5.22.3 The restroom/shower facility must provide two, 80 gallon high recovery water heaters.
- 5.23 Electrical:
- 5.23.1 All electrical components must be UL listed
- 5.23.2 All electrical wiring must be in conduit, surface mounted in the service area and concealed in the user compartments. All wire must be copper.
- 5.23.3 A 200-amp breaker panel must be provided in the chase area.
- 5.23.4 Interior lights must be wall mounted vandal resistant 2 bulb T8 4 foot wrap around lens fixtures with low temperature ballast wet labeled.
- 5.23.5 Lighting on the exterior of building must be photocell activated; interior shall be motion activated, chase switch activated.