



CITY OF HOUSTON

Strategic Purchasing Division
Administration & Regulatory Affairs
Department

Bill White

Mayor

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City Purchasing Agent
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July 9, 2009

SUBJECT: Letter of Clarification No. 1, Diesel Pile Hammer and Truck
Mount Auger for the Public Works & Engineering Department

REFERENCE: Bid Invitation No. S38-N23202 - **Due July 23, 2009**

TO: All Prospective Bidders:

This Letter of Clarification is issued for the following reasons:

1. The on-line e-bidding official bid form has been revised.
2. Bid Item No. 1, Page 12 of 25, Specification Provision 1.1.1: Change to read "Berminghammer B 21 ...".
3. Bid Item No. 1, Page 13 of 25, Add Specification Provision 2.11: "LEADS – 60 foot".

This clarification is hereby incorporated in this bid document and all bidders are directed to bid accordingly.

When issued, Letter(s) of Clarification shall automatically become a part of the bid documents and shall supersede any previous specification(s) and/or provision(s) in conflict with the Letter(s) of Clarification. It is the responsibility of the bidders to ensure that they have obtained any such previous Letter(s) associated with this solicitation. By submitting a bid on this project, bidders shall be deemed to have received all Letter(s) of Clarification and to have incorporated them into this Bid.

If you should have any questions or if further clarification is needed regarding this Invitation to Bid, please contact me at lana.farris2@cityofhouston.net, or 832-393-8729.

Sincerely,



Lena Farris
Procurement Specialist

LF:lf

cc: Solicitation File S38-N23202

Partnering to better serve Houston

SECTION B
SPECIFICATIONS

PART II
TECHNICAL SPECIFICATIONS

ITEM NO. 1: DIESEL PILE HAMMER
10059124

1.0 GENERAL:

- 1.1 Equipment Description:
 - 1.1.1 These specifications are intended to describe a 16" square concrete piling diesel pile hammer for the Public Works & Engineering Department. Reference Berminghammer Diesel Hammer B 21 or City approved equal that shall be installed on an existing City of Houston Link-Belt Crane LS 108-2.
 - 1.1.2 The scope of work for this project shall require the Successful Bidder to provide a current production model diesel pile hammer and to install it to the City's equipment referenced above.
 - 1.1.3 The Successful Bidder, in addition to the diesel pile hammer, shall provide all materials, equipment, tools, personnel, and supervision to successfully provide installation.

2.0 SALIENT FEATURES:

- 2.1 MAXIMUM BATTER:
 - 2.1.1 Standard –1:5
 - 2.1.2 Extended – 1:1
- 2.2 PISTON WEIGHT – 6,610 lbs.
- 2.3 ENERGY PER BLOW (ADJ):
 - 2.3.1 Max (ft lbs) – 75,000
 - 2.3.2 Min (ft lbs) – 35,000
- 2.4 BEARING CAPACITY– 377 tons
- 2.5 BLOWS PER MINUTE:
 - 2.5.1 Min – 35
 - 2.5.2 Max – 50
- 2.6 CONSUMPTION:
 - 2.6.1 Diesel Fuel (gallon/hour)-2.64
 - 2.6.2 Lubrication Oil (gallon/hour) – 0.26
- 2.7 CAPACITY:
 - 2.7.1 Diesel Fuel (gallon) – 17.7
 - 2.7.2 Lubrication Oil (gallon) – 5.02
- 2.8 OPERATING WEIGHTS (minimum):
 - 2.8.1 Hammer only –13,400-lbs
 - 2.8.2 Hammer with typical drive caps –15,900-lbs
 - 2.8.3 Anvil (impact block) –1,300-lbs
- 2.9 DIMENSIONS:
 - 2.9.1 Overall Length –256 inches (21.33 feet)
 - 2.9.2 Hammer Length –207 inches (17.25 feet)
 - 2.9.3 Hammer Length (with extensions) –246 inches (20.5 feet)

SECTION B PART II TECHNICAL SPECIFICATIONS (CONTINUED)

ITEM NO. 1: DIESEL PILE HAMMER (CONTINUED)

2.9 DIMENSIONS (Continued):

- 2.9.4 Hammer Depth (rear) –19 inches
- 2.9.5 Hammer Depth (front) –18 inches

2.10 GUIDING:

- 2.10.1 Standard Box Leads 8" x 27"

2.11 LEADS:

- 2.11.1 60 foot

3.0 EQUIPMENT INSTALLATION:

3.1 If the Successful Bidder's facility is located within the Houston-Galveston Region (Harris County and its seven adjacent counties, Brazoria, Chambers, Fort Bend, Galveston, Liberty, Montgomery and Waller), the Public Works & Engineering Department will transport the Link-Belt Crane to and from the Successful Bidder's facility for installation.

3.2 If the Successful Bidder's facility is not located within the Houston-Galveston Region (Harris County and its seven adjacent counties, Brazoria, Chambers, Fort Bend, Galveston, Liberty, Montgomery and Waller), then the Successful Bidder shall be responsible for all shipping and/or freight expenses for the City-owned Link-Belt Crane from the City's designated location in Houston, Texas to the Successful Bidder's facility for mounting of the diesel pile hammer and return of the equipment to the City's designated delivery location in Houston, Texas. The Successful Bidder shall furnish the necessary personnel and bear any expenses incurred in transporting the unit. The Successful Bidder shall transport the Link-Belt Crane using a commercial carrier as necessary. Liability for the Link-Belt Crane will be the sole responsibility of the Successful Bidder while in its possession.

4.0 TRAINING:

- 4.1 Operator orientation training will be provided to those employees designated by the Public Works & Engineering Department. The orientation training will include a thorough briefing on operator checks and services, unique operating characteristics of the unit and suggested handling and operating techniques.
- 4.2 Technical orientation training will be given to department technicians to familiarize them with the new equipment and about any special troubleshooting or diagnostic checks, techniques and services

5.0 LITERATURE: (provided at time of delivery)

- 5.1 Four (4) set of parts manuals
- 5.2 Four (4) set of operation manuals
- 5.3 Four (4) set of maintenance manuals

6.0 WARRANTY:

- 6.1 A minimum of one (1) year's guarantee on both materials and workmanship shall be provided. The warranty period shall commence the date the City officially accepts the materials or equipment. Warranty work shall be completed without cost to the City within ten (10) days after notification to vendor of equipment failure of faulty material. When extended warranties are available as standard, they shall be included as part of the bid for the benefit of the City. Any and all documents necessary to effect warranty shall be properly applied for and submitted by the successful vendor. All freight charges to and from the vendor's repair facility for warranty repair and/or maintenance shall be borne by seller during the warranty period.