



CITY OF HOUSTON

Strategic Purchasing Division
Administration & Regulatory Affairs
Department

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Mayor

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July 14, 2009

SUBJECT: Letter of Clarification No. 2, 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. Page 12 of 25, Specification 2.2: Change Piston Weight 6,610-lbs to read 4,630-lbs.
2. Page 12 of 25, Specification 2.3.1: Change Max (ft lbs) - 75,000 to read Max (ft lbs) - 53,200.
3. Page 12 of 25, Specification 2.3.2: Change Min (ft lbs) - 35,000 to read Min (ft lbs) - 20,800.
4. Page 12 of 25, Specification 2.4: Change Bearing Capacity – 377 tons to read Bearing Capacity - 325 tons.
5. Page 12 of 25, Specification 2.5.2: Change Max – 50 to read Max- 56.
6. Page 12 of 25, Specification 2.6.1: Change Diesel Fuel (gallon/hour) -2.64 to read Diesel Fuel (gallon/hour) -2.7.
7. Page 12 of 25, Specification 2.7.1: Change Diesel Fuel (gallon) -17.7 to read Diesel Fuel (gallon) - 12.00.
8. Page 12 of 25, Specification 2.7.2: Change Lubrication Oil (gallon) -5.02 to read Lubrication Oil (gallon) – 4.00.
9. Page 13 of 25, Specification 2.8.1: Change Hammer only -13,400-lbs to read Hammer only 9,800-lbs.
10. Page 13 of 25, Specification 2.8.2: Change Hammer with typical drive caps -15,900-lbs to read Hammer with typical drive caps 11,650.-lbs.
11. Page 13 of 25, Specification 2.9.1: Change Overall Length -256 inches (21.33 feet) to read Overall Length -268.8 inches (22.4 feet).
12. Page 13 of 25, Specification 2.9.3: Change Hammer Length (with extensions)-246 inches (20.5 feet) to read Hammer Length (with extensions). 240 inches (20.0 feet).

Partnering to better serve Houston

Council Members: Toni Lawrence Jarvis Johnson Anne Clutterbuck Wanda Adams Mike Sullivan M.J. Khan, P.E. Pam Holm Edward Gonzalez
James Rodriguez Peter Brown Sue Lovell Melissa Noriega Ronald C. Green Jolanda "Jo" Jones Controller: Annise D. Parker

Letter of Clarification No.2, Diesel Pile Hammer and Truck Mount Auger (Continued):

13. Page 13 of 25, Specification 2.10.1: Change Standard Box Leads 8" X 27" to read Standard Box Leads 8" X 26.

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

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 –4,630 lbs.

2.3 ENERGY PER BLOW (ADJ):

- 2.3.1 Max (ft lbs) – 53,200
- 2.3.2 Min (ft lbs) – 20,800

2.4 BEARING CAPACITY– 325 tons

2.5 BLOWS PER MINUTE:

- 2.5.1 Min – 35
- 2.5.2 Max – 56

2.6 CONSUMPTION:

- 2.6.1 Diesel Fuel (gallon/hour)-2.7
- 2.6.2 Lubrication Oil (gallon/hour) – 0.26

2.7 CAPACITY:

- 2.7.1 Diesel Fuel (gallon) – 12.00
- 2.7.2 Lubrication Oil (gallon) – 4.00

2.8 OPERATING WEIGHTS (minimum):

- 2.8.1 Hammer only –9,800-lbs
- 2.8.2 Hammer with typical drive caps –11,650-lbs
- 2.8.3 Anvil (impact block) –1,300-lbs

2.9 DIMENSIONS:

- 2.9.1 Overall Length –268.8inches 22.4 feet)
- 2.9.2 Hammer Length –207 inches (17.25 feet)
- 2.9.3 Hammer Length (with extensions) –240 inches (20.0 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 26"

2.11 LEADS:

- 2.11.1 60 foot