



CITY OF HOUSTON

Administration and Regulatory Affairs Department
Strategic Purchasing Division

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Mayor

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October 25, 2010

Subject: **Letter of Clarification No. 2,
Repair of a Fairbanks Morse Pump for the Public Works and Engineering
Department**

Reference: **Invitation to Bid No.: S19-N23760**

To: All Prospective Suppliers:

This letter of Clarification is issued for the following reasons:

Revisions to Scope of Work:

1) Delete page 7 of 18 and replace with the attached page 7 of 18 marked "Revised 10-25-10".

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 bidder to ensure that it has obtained all such letter(s). By submitting a bid on this project, bidder 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 for Bid, please contact me.

A handwritten signature in black ink, appearing to read "Roy Korthals".

Roy Korthals
Senior Buyer
832-393-8734
roy.korthals@cityofhouston.net

P cc: Bid File

Attachment: Page 7 of 18 Marked "Revised 10-25-10"

Partnering to better serve Houston

Council Members: Brenda Star dig Jarvis Johnson Anne Clutter buck Wanda Adams Mike Sullivan Al Hoang Oliver Pennington
Edward Gonzalez James G. Rodriguez Stephen C. Costello Sue Lovell Melissa Noriega C.O. "Brad" Bradford
Yolanda "Jo" Jones Controller: Ronald C. Green

**S19-N23760 – LETTER OF CLARIFICATION NO. 2
REPAIR OF A 48” FAIRBANKS MORSE PUMP
FOR THE PUBLIC WORKS AND
ENGINEERING DEPARTMENT**

SCOPE OF WORK

REVISED 10/25/2010

**To
REPAIR A 48” FAIRBANKS MORSE PUMP
For
PUBLIC WORKS & ENGINEERING DEPARTMENT**

1.0 SCOPE OF SERVICES:

- 1.1 The Contractor shall be required to provide all labor, equipment, facilities, materials, parts, tools, supervision and transportation necessary to repair a 48” Fairbanks Morse Pump, Model No. 5711, Serial Number 1065040 in strict accordance with the manufacturer’s recommended standards. All replacement parts shall be Original Equipment Manufacturer (OEM) parts.
- 1.2 City of Houston personnel will be responsible for removal, reinstallation of pump and for loading/offloading the pump from the contractor’s truck/trailer subsequent to completion of the repairs and return of the pump to the City’s facility, located at 2525 SSG Macario Garcia, Houston, Texas 77020. The City’s responsibility with regards offloading the pump starts and ends at the City’s facility and not at the Contractor’s repair site.

2.0 BASIC REQUESTED SERVICES:

- 2.1 The Contractor shall disassemble, clean and sandblast all components and replace the following components/parts with OEM components/parts:
 - 2.1.1 Sleeve – CA40 modified 410-484 BHN,
 - 2.1.2 Thrust bearing set
 - 2.1.3 Radial bearing set
 - 2.1.4 Shaft – A108, Gr. 1045, Ground and Polished
 - 2.1.5 All required gaskets, packing material, seals, lip seals, keys and hardware necessary and required for complete reassembly.
- 2.2 The Contractor shall be required to replace the impeller ring, case ring, sleeve; repair the frame, upper and lower bearing housing and cover and, repair frame housing using materials as listed below:
 - 2.2.1 Impeller Wear Ring – Stainless Steel, 350-400 BHN Hardness
 - 2.2.2 Casing Wear Ring – Stainless Steel, 410-484 BHN Hardness
 - 2.2.3 Housing is Cl. 30 Cast Iron
 - 2.2.4 Shaft Sleeve - Stainless Steel, 410-484 BHN Hardness
 - 2.2.5 ***Balancing of the Two Plane Precision Dynamic Balance Impeller to ANSI S2.19 G6.3***
- 2.3 The Contractor shall be required to re-assemble the pump unit and correctly set bearing clearance, paint the pump with Fairbanks Morse epoxy and prep rotating assembly for delivery/shipment to the designated City of Houston facility.