

**ADDENDUM NO 01**  
CITY OF FAIRHOPE  
**BID NO. 001-13 BORING MACHINE**  
For  
**GAS DEPARTMENT**

The bid documents for this Bid shall be amended, revised and changed in the following particulars as per Steve Seay, Superintendent of Gas Department

**Adjustments to the bid document resulting from the mandatory pre-bid meeting held 11-08-13 are as follows:**

**REMOVE: ITEM IV SCOPE OF WORK AND SPECIFICATIONS**

**INSERT: ITEM IV rev1 SCOPE OF WORK AND SPECIFICATIONS (attached)**

Bidders are to sign and include signed Addendum No.1 with submitted bid documents.

Acknowledged:

\_\_\_\_\_

Company

\_\_\_\_\_

By

Daniel P. Ames  
Purchasing Manager  
City of Fairhope  
Posted: 11-08-12

**ITEM IV rev1**  
**SCOPE OF WORK AND SPECIFICATIONS**

**Bid No. 001-13 Boring Machine**  
**Fairhope Gas Department**  
**City of Fairhope**

**SCOPE OF WORK**

1. The Awarded Vendor to provide the following equipment per specifications.
  - a. Provide BORING MACHINE and associated equipment and service as per specifications. Awarded Vendor is to supply BORING MACHINE, F.O.B. City of Fairhope as directed, and supply the operating and maintenance documentation. The actual installation and assembly will be provided by the City.
  - b. Deliver items to the City of Fairhope Warehouse, Fairhope Al, or other designated City site.
  - c. BORING MACHINE shall be complete with all of the necessary accessories as shown and described herein. Accessories not specifically mentioned, but necessary to furnish a complete unit ready for use shall also be included. All equipment shall be new and of current production of national firms that manufacture BORING MACHINE, and the specified accessories. The awarded bidder shall supply the BORING MACHINE as a complete and coordinated unit.
  - d. The attached specifications are intended and provided solely as a general and non-exhaustive expression of the intent and purpose of the City of Fairhope regarding this bid; said specifications should be so considered by the bidders. The use of specific names is not intended to restrict the bidder or any seller or manufacturer, but is solely for the purpose of indicating the type, size and quality of materials, product services, or equipment best suited for the City of Fairhope. Accordingly, the bidder admits and agrees that said specifications are not complete in every detail and that the work and materials not indicated or expressly mentioned in said specifications, but which are reasonably necessary for the full and faithful performance of the item(s) bid in accordance with the full and faithful intent, will be included in the bid and incorporated in the work by the bidder and at the bidder's sole expense, the same as if indicated and specified.

**SPECIFICATIONS FOR BORING MACHINE**

**VERMEER D24x40 Series II or Equivalent**

		<b>COMPLY</b>	<b>NON-COMPLY</b>
<b><u>Operational</u></b>			
Max spindle speed	300 rpm	_____	_____
Max spindle torque	4000 ft-lb (5423.3 Nm)	_____	_____
Thrust/Pullback	24,000 lb (106.8 kg)	_____	_____
<b><u>Power Source</u></b>			
Engine	125 hp (91.9 kW) John Deere (Tier 3 and Tier 4i), or equivalent	_____	_____
	or		
	140 hp (103 kW) Cummins (Tier 3), or equivalent	_____	_____
Electrical	12-volt DC with circuit breakers	_____	_____

**Water Source**

Mud pump	Onboard, variable flow	_____	_____
Max flow	50 gpm (189.3 L/min)	_____	_____
Max pressure	1300 psi (89.6 bar)	_____	_____
Onboard Water Wash Down	None High-pressure spray wand couples to onboard water pump	_____	_____

**General**

Design	Self-propelled/self-contained unit with power unit, rack, mud pump, operator's station and onboard rod storage	_____	_____
Track drive	Rubber tracks	_____	_____
Max length	20.1' (6.1 m)	_____	_____
Max width	82" (208.3 cm)	_____	_____
Max height	94"( 238.76cm)	_____	_____
Max weight	2300 lb (1043.26 kg)	_____	_____
Hydraulic power vise	Yes	_____	_____
Stakedown system	Stationary with cylinder and rotation action controlled from operator's station	_____	_____
Rod Makeup System	Torque set by torque limiter valve	_____	_____
Rod Capacity	Transport and hold a minimum of 500' (152.4 m) of 2.375" (6 cm) diameter one-piece drill rod	_____	_____
Floating Head	Self-advancing and retracting rotational drive housing to prevent thread wear and increase drill rod and drive chuck Life	_____	_____
Pullback/Thrust system	Rack-and-pinion drive system	_____	_____
Hydraulic System	Dual-hydrostatic pumps, power rotation and pullback functions; pressure-flow-compensated pump that runs water and auxiliary functions	_____	_____
Rack Angle	Variable rack tilt with cylinder-operated rear Outrigger	_____	_____
Hydraulic Capacity	Up to 60 gal (227.12 L) with steel tank and cooler	_____	_____
Operator Comfort	Cup holder, swing-out seat, umbrella mount	_____	_____
Instrumentation	Gauge package: drill water pressure, rotation pressure, thrust/pullback pressure and tachometer	_____	_____

**Safety**

Operator's Presence Switch	Disables rotation and thrust/pullback functions when operator is not seated. Ground drive is also disabled when operator is in seat.	_____	_____
Strike Alert	Current and voltage monitor with audible alarm	_____	_____
Certificate for Dielectric Gloves and Boots	Free pair of insulated gloves and two pair of boots	_____	_____
Warning Cones	Four-day glow cones with safety warning sign	_____	_____
Remote Lockout	Two-way communication tool to lock out drill thrust rotation and mud-pump flow for exit pit tooling changes	_____	_____

**Drill Rod**

Construction	Single-piece forged (no welded ends)	_____	_____
Length	10' (3 m)	_____	_____
Diameter	Max diameter of 2.375" (6cm)	_____	_____
Weight	Max weight of 80lb (36.29 kg)	_____	_____
Torque rating	Min torque of 4000 ft-lb (5423.3NM)	_____	_____

Trade In:

2001 VERMEER 24X33 Boring Rig  
Rubber Tracks  
Hours 3,313

480' X 10' Rods  
Starter Rod  
Hex Collar  
Transmitter Housing Assembly  
4" Carbide Bit

No Locator  
No Trailer  
No Mixer  
2 extra racks

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**END SCOPE OF WORK AND SPECIFICATIONS**