

GENERAL CONDITIONS FOR HORIZONTAL DIRECTIONAL DRILLING EQUIPMENT

I. CONTRACT PERIOD

The period of this contract will be for 6 months from date bid is awarded. Bid price will remain firm during the period of the contract. This contract may be renewed for up to **three (3) years** from the initial award date upon the agreement of both parties.

II. DELIVERY

All quoted prices shall include delivery charges. Deliveries shall be made to the following address:

Shelby County Field Operations Office
42 Big Oak Circle
Sterrett, AL 35147

III. BILLING

Invoice payments shall be based solely on quantity of items received and the vendors stated bid price. Product shall be billed in **items received** and all prices shall include shipping. Shelby County Water Services does require a Purchase Order for every order placed. Shelby County Water Services is tax exempt (tax exempt #63-6001694).

All invoices shall be either emailed to ap-water-landfill@shelbyal.com or billed to:

Shelby County Water Service
200 West College Street, Room 145
Columbiana, Alabama 35051

IV. BID QUALIFICATIONS

All BIDDERS must submit product information with bids. Information to be submitted must show the product proposed meets all the specifications listed below and list **ALL EXCEPTIONS** to the specifications in a separate document.

QUOTATION SHEET

Shelby County Water Services

Bid: Horizontal Directional Drilling Equipment		Name of Bidder: _____	
Item Description	Quantity	Unit Price	Extended Price
Directional Drill with Alert System, chain harness and one (1) gallon pail of anti-seize	1 Each		
200 Gallon Mud Mixing Tank with pump system, 50' of hose, and various fluid additions	1 Each		
8" Transmitter Housing; JT920 thread with starter rod and paddle adapter	1 Each		
2' Drill Rods, JT920 Thread	60 Each		
Portable 2' Rod Rack	1 Each		
Hydraulic hoses with quick disconnects, 3,000 psi, 50 ft	1 Each		
Containment Base with integrated ladder (5' x 4' x 3' tall)	1 Each		
Containment Extension with rod storage & integrated ladder (5' x 4' x 3' tall)	1 Each		
Drill Hydraulic power unit	1 Each		
Drill Bit: Small paddle with carbide teeth	1 Each		
Drill Bit: Cup Cutter, small	1 Each		

Item Description	Quantity	Unit Price	Extended Price
Drill Bit: Cup Cutter, big	1 Each		
Swivel, 1.25 4000 lb	1 Each		
Rod Flange with JT920 Thread	1 Each		
1" Plastic innerduct puller with tang	1 Each		
Back reamer for installing 2" pipe with built in swivel	1 Each		
2" Duct Puller	1 Each		
Back reamer for installing 4" pipe with built in swivel	1 Each		
4" Duct Puller	1 Each		
Back reamer for installation 6" pipe with built in swivel	1 Each		
6" Duct Puller	1 Each		
Receiver-locator, remote display	1 Each		
Wireless communication system	1 Each		
Shipping to Water Services Field Office (Westover, Alabama)	1 Each		
Training (2 Days, including travel and hotel)	2 Days		
Total Price for all items listed			

*All pricing shall include delivery charges.

**THE UNDERSIGNED OFFERS THESE PRICES, TERMS, AND DELIVERY AS PER BID
GENERAL CONDITIONS AND SPECIFICATIONS:**

NAME OF COMPANY: _____

BY: (Please Print): _____

SIGNATURE: _____

COMPANY ADDRESS: _____

PHONE: _____

E-MAIL ADDRESS: _____

**BIDS SUBMITTED ARE FIRM AND NO CLAIMS FOR ERRORS WILL BE MADE AFTER
BIDS ARE OPENED AND SUBSEQUENT THEREOF.**

Sworn to and subscribed before me this

the _____ **day of** _____, _____.

_____, **Notary Public**

My Commission Expires: _____

Specifications for Horizontal Directional Drilling Equipment

Horizontal Directional Drilling Machine

1. Machine will be a pit launch type of machine capable of installing pipe from 1" to 6" in size, on grade and accurately up to 0.5%.
2. Machine shall have a minimum of 8 tons push and pull force.
3. Machine shall have a minimum of 1,100 ft. pounds of rotational torque.
4. Machine shall have a minimum drill range of 400 ft.
5. Dimensions: 52" x 28" x 32".
6. Machine shall use an underground magnetics guidance system.
7. Drill stem shall be 2 ft. long.

Drill Hydraulic Power Pack

1. Hydraulic power pack shall be sufficiently sized to operate horizontal directional drill machine.
2. Motor shall use gasoline as fuel.
3. Chassis shall be fully welded steel tubing with air filled tires and handles for maneuverability. Chassis shall also have a connection point to be lifted with chain by heavy equipment.
4. Power pack shall have a hydraulic oil cooler, spin-on filter and quick disconnects for hydraulic hoses.
5. Power Pack shall come with 50' of hydraulic hoses with quick disconnects rated for 3,000 psi.

Mud Mixer System

1. Mixing tank capacity shall be minimum of 200 gallons.
2. High pressure hose diameter shall be ¾".
3. Diaphragm capacity shall be minimum 18 gpm @ 550 psi.
4. Tank and pump system shall be mounted on a steel frame suitable for loading and unloading with a forklift or similar heavy equipment.

Shoring System

1. Shoring system shall be in movable sections with an integrated ladder.
2. Each section shall have minimum dimensions of 5' x 4' x 3'.
3. Sections shall have integrated lifting eyes for moving.

Locator Equipment

1. The locator equipment shall consist of the receiver/locator with an 8" mini sonde-transmitter.
2. Technical support shall be provided by the equipment manufacturer. All contact information to be supplied by vendor.

Wireless Communications

1. System shall provide continuous, full duplex communication for up to 4 team members.

2. System shall have hands-free, wireless operation.
3. System shall have a 400 meter open space range.
4. System shall use 1.9 GHz DECT6 communication standard technology.
5. System shall be self-tuning with no antenna required.
6. Each headphone shall have a 10-hour, user replaceable battery with a 6 hour charge time per battery.
7. System shall be of a rugged, durable construction suitable for use in typical underground installation environments.
8. Headphones shall be of a design that will fit under safety hats.
9. System shall come with a hard, protective case for storage when not in use.

Accessories

1. All duct pullers and back reamers shall be supplied by the vendor to install pipe in sizes of 1", 2", 4" and 6" as specified on bid page.
2. Drill heads shall be removable for easy replacement and shall be suitable for use in areas of hard rock and chert material.

Manufacturers

1. Pit Shot as manufactured by Roddie Trenchless Equipment.
2. Approved equal by Shelby County Water Services.