



February 3, 2022

**STATE OF ALABAMA  
COUNTY OF SHELBY**

**INVITATION TO BID  
HORIZONTAL DIRECTIONAL DRILLING EQUIPMENT**

Sealed bids for **HORIZONTAL DIRECTIONAL DRILLING EQUIPMENT** will be received in the office of the County Manager, Administration Building- Shelby County, 200 West College St, Room 123, Columbiana, Alabama 35051 until **2:30 p.m., February 15, 2022** at which time bids will be publicly opened and read. The Shelby County Commission reserves the right to reject any or all bids and to waive informalities in awarding this bid to the lowest bidder. Bidders are to state that bids submitted are firm and that no claims for errors will be made after bids are opened and subsequent thereof. If you have any questions concerning this bid, please contact Michael Cain at [mcain@shelbyal.com](mailto:mcain@shelbyal.com).

**GENERAL INFORMATION**

All bidders must use our form for submitting their bids. All bids must be sealed and marked in the lower left corner "**BID – HORIZONTAL DIRECTIONAL DRILLING EQUIPMENT**" with opening date and time. Late bids will not be opened.

Records showing successful bidder(s) and prices quoted will be placed on file and may be examined upon request. If contract is awarded to someone other than lowest bidder, a note of explanation will appear in the file and Commission Minutes.

Should there be a change in ownership or management the contract shall be canceled unless a mutual agreement is reached with the new owner or manager to continue the contract with its present provisions and prices. The contract is not transferable by either party.

The County may cancel this contract at any time for any reason, provided a thirty day written notice is given.

### **DISQUALIFICATION OF BIDS**

Bids may be disqualified before awarding of the contract for any of the following:

- A. Failure to mark envelope as required;
- B. Failure to sign or notarize the bid document; or
- C. Failure to include requested information or other details of the bid.

### **IMMIGRATION LAW**

By signing this contract, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.

### **OPEN TRADE**

By signing this contract, vendor agrees that it is not currently engaged in, nor will it engage in, any boycott of a person or entity based in or doing business with a jurisdiction with which the State of Alabama can enjoy open trade.

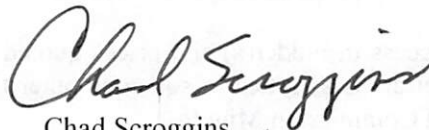
### **METHOD OF AWARD**

The award will be made to the lowest responsive bidder meeting specifications. It is not the policy of The Shelby County Commission to purchase on the basis of low bid only. Quality, conformity with specifications, purpose for which required, terms of delivery, and past service and experience are among the factors that may be considered in determining the responsive bidder.

The Shelby County Commission reserves the right to award separate contracts for each item, each product, or any combination of products if in the best interest of the Shelby County Commission.

Shelby County requires a purchase order for all purchases/services. Copies of purchase orders shall be required by vendor for orders to be processed and invoices paid.

**Please provide your bid response in triplicate, one original and two copies.**



Chad Scroggins  
County Manager

# **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](mailto: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		
<b>Total Price for all items listed</b>			

\*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  $\frac{3}{4}$ ".
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.