<u>Memorandum</u> .

To: Michael Dickson, Gas System Director

From: Brian Friery, Assistant Gas System Director

Date: May 27, 2022

RE: Bid Proposal Award

Horizontal Directional Drilling (HDD) Machine

Horizontal Directional Drilling (HDD) Machine Transport System (trailer)

Electronic Tracking System

Drill Fluid Mixing and Transport System (trailer mounted)

Vacuum Excavation System (trailer mounted)

As you know, sealed bid proposals were opened to provide a directional drilling machine and the above referenced supporting equipment on May 25, 2022 following a request to provide bid proposals to two manufacturer's representatives and postings on the Georgia Procurement Registry as well as the City's official website. Two bid proposals were received with the low bid submitted by Ditch Witch Worx of Forest Park, Georgia in the amount of \$499,995.00 for a Ditch Witch JT24 and supporting equipment. The second low bid was received by Vermeer Southeast of Marietta, Georgia in the amount of \$515,000.00 for a Vermeer D23x30 S3 Navigator and supporting equipment. Attached are the bid proposals.

The purchase of this machine and supporting equipment is a budgeted item and was estimated to be \$550,000.00, therefore, both bid proposals are well within the estimate. Additionally, both machines and supporting equipment meet the specifications required by the RFP and both machines and support equipment have a delivery time within 98-130 calendar days from time of official award. In addition, both machines and support equipment are capable to perform the work required by the Gas System.

The Gas System, however, has been operating a Vermeer directional drill machine and supporting equipment since their purchase in 2013 and this proposed purchase is in addition to our existing machine and supporting equipment. As you know, the effective operation of a directional drill machine and electronic tracking system requires extensive training, skill, expertise and ability to complete successful directional drill installations. Our personnel is familiar, knowledgeable and experienced with the operation of the Vermeer line of directional drills. Requiring our personnel to learn and become efficient on an additional directional drill machine from a different manufacturer and switch between the two machines that differ in their operation and operational abilities on an ongoing basis could potential slow productivity. Additionally, our current electronic tracking system and vacuum excavation tooling for our current Vermeer directional drill is interchangeable between all Vermeer directional drills and vacuum excavators allowing us access to a backup electronic tracking system and backup vacuum excavation tools preventing potential down time due to possible equipment or tool failure. Having two directional drills and supporting equipment from the same manufacture may also save costs associated with maintenance and repair with a single provider for maintenance and repair, especially, when on-site maintenance or repair is required. Our current directional drill and supporting equipment, furthermore, was purchased from Vermeer Southeast of Marietta, Georgia who is fully capable of satisfactorily providing this directional drill and supporting equipment and there is only a 3% difference between the low bid submitted and the second low bid submitted. We, therefore, recommend the City award this bid proposal to the second low bidder, Vermeer Southeast of Marietta, Georgia, in the amount of \$515,000.00 for the purchase of a Vermeer D23x30 S3 Navigator and supporting equipment.

All affidavits required by O.C.G.A. §50-36-1 et. Seq. and O.C.G.A. §13-10-91 et. Seq. and DOL Rule 300-10-1-.02 have been duly executed and were provided with each bid proposal received.





DITCH WITCH WORX (FOREST PARK)
5430 GA HWY 85
FOREST PARK, GA 30297-2486
+1 404-761-0619
HTTP://www.ditchwitchga.com
United States

CITY OF CARTERSVILLE (GAS SYSTEM)

155 OLD MILL ROAD CARTERSVILLE, GA 30120-1390 United States
 Date
 05/24/2022

 Quote
 37748

 Valid Until
 09/22/2022

 Account
 3020727

BRIAN FRIERY +1 770-387-5642 bfriery@cityofcartersville.org

Prepared by: Brent Goodman BGOODMAN@DITCHWITCHWORX.COM

EQUIPMENT QUOTE **Product Description** Qty JT24A JT24A 1 Engine: Stage V Operator Controls: Single Joystick JT Auger: Rock Auger Hydraulic Oil: Standard Manuals: English 80 HDX DRILL PIPE 2.38 X 2.63 #600 3M 355-1350 220-6738 RECON CAN BRIDGE INT, SV, NORTH AMERICA 1 400-3067 SAVERLOK JT/#600 1 302-6181 SAVERLOK COLLAR 1 1 400-2251 EZ-CON ASS'Y (600M / 2.25-6M EZ3) 908-4225 Connector 2.25-6EZ3 -F / 2.38 -M 400-2398 12-3.25 FLUTED HD (2 3/8 API-R,F/30K FLG 1 1 190-2364 30K SWIVEL KIT (30K TAB) 400-2683 6.5-3.25 FLUTED HD(2-3/8 API-R,F/20K FLG 1

Taxes are an estimate at time of quotation. Actual tax will be calculated at time of invoicing. If this is a tax exempt transaction, please provide tax exempt certificate or leasing details.

400-2396	8-3.25 FLUTED HD (2 3/8 API-R,F/20K FLG)	1
190-2362	20K SWIVEL KIT (20K TAB)	2
190-2614	20K TAB KIT	2
400-124	5-6/16-75-10 ST TUFF BIT	1
400-3059	30K SWIVEL (DBL CLEVIS)	1
259-858	TOOL JOINT LUBE, STD SPRAY 2 GAL	2
220-1090	Beacon Case, M17/17T/86BV3/850B	2
FM13XB	FM13XB • Decals: English • Fluid Tank: 1000 Gallon Tank	1
153-357	TRANSFER HOSE (2" FHC, 50')	1
101-093	TANK FILL KIT, 950 GAL	1
MARKSMAN-PLUS	Marksman-Plus	1
222-6212	TK EVA CASE, COMBO	1
220-2847	MARKSMAN SWIVEL BASE MOUNT	1
102-2572	M17-PLUS BEACON	2
222-6205	Smart Lith Ion Btry Pack 7.2V,10.2Ah	1
149-973	SPLIT ROD WIPER 1.75" ID	2
190-2764	JT PIPE BOX (TALL) ASSEMBLY	1
400-3148	3.0" PWRHOUSE XD/6H-1/2"/VM/2-3/8" REG	1
HX50A	 HX50A Debris Tank: 800 Gallon Water Tank: 400 Gallons 	1
- H		

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	HX Boom: None		
	Water Heater: No		
	 Quiet Option: Yes 		
	 Options: 6-4 Reducer 		
	 Options: Traffic Cone Storage 		
	 Options: Prospector Digging Lance 		
	 Options: Lance Extension - 48in 		
	 Options: Water Air Gap 		
	 Options: Rear Work Lights 		
	 Options: Trailer Tongue Tool Box 		
	 Prospector Digging Lance: Yes 		
	 Water Air Gap: Yes 		
	 Traffic Cone Storage: Yes 		
	 Trailer Jack: Hydraulic 		
	 Hydraulic Oil: Standard 		
	Color: Standard		
301-5571	REDUCED FHC BODY (64F-96F)	1	
INSTALL-CHARGE	Installation Charge	4	
190-2804	REAR WORK LIGHTS	1	
100 2004	NEW WORK EIGHTO	·	
025-1034	VT24 800 GAL HEAVY TRAILER	1	
025-1054	V124 000 GAL HEAVT TRAILER	,	
050 4040	PROSPECTOR EXTENSION ASH O W/ FITTING	4	
259-1012	PROSPECTOR EXTENSION, 48'LG W/ FITTING	1	

• Controls: Right Hand Traffic

Hose and Tooling: 4 InchFilter: Cyclonic Separator

Reverse Flow: Yes

Notes

- ** BID VALID FOR 120 DAYS.
- ** ESTIMATED DELIVERY DATE 98 DAYS AFTER BID 09/01/2022.
- ** BID INCLUDES 3 YEARS PARTS AND LABOR WARRANTY ON THE MACHINE AND ALL SYSTEMS AND ALL APPURTENANCES.
- ** 2022 DITCH WITCH JT24 HORIZONTAL DIRECTIONAL
- ** 2022 DITCH WITCH FM13X WITH 1,000 GALLON TANK.
- ** 2022 SUBSITE MARKSMAN PLUS TRACKER, RECON CAN BRIDGE DISPLAY AND (2) M17 PLUS BEACONS.
- ** 2022 DITCH WITCH HX50 800 GALLON SPOILS TANK AND 400 GALLON WATER TANK WITH VT24 TRAILER.
- ** 2022 MODEL CT12T22EJT24 CUSTOM TRAILER WITH 4 CHAINS AND BINDERS FOR JT24 (SEE DESCRIPTION PAGE).
- ** 2022 MODEL CT8T162EDW CUSTOM TRAILER FOR FM13X MIXER WITH 1,000 GALLON TANK (SEE DESCRIPTION PAGE).
- ** BID INCLUDES BATTERIES FOR THE M17 BEACONS, SHACKLES, (3) BATTERIES FOR HAND-HELD TRACKER AND 2.5 GALLONS OF HYDRAULIC FLUID.
- ** ALL ITEMS BID PER REQUIRED SPECIFICATIONS.

Equipment Subtotal CT12T22EJT24 CUST TRL CT8T162EDW CUST TRL

Quote Total

\$499,995.00



QUOTE

Date:	May 25, 2022	Sales Rep:	Scott Holder

Customer Information:

City of Cartersville - Gas
155 Old Mill Rd
Cartersville, GA 30120

Contact Name: Michael Dickson
Phone Number: (404) 867-3504

Confidence Plus Included YES

Confidence Plus Plan CP3 PREMIUM

Payment method: Purchase Order

Delivered to:	Gas
City of Cartersville -	
Cartesville, GA 50120	

Pjeked/up at/this Vermeer Store Lecation:

05/25/22

Qty	DESCRIPTION and SERIAL #	Unit Price	TOTAL
1	New 2022 Vermeer D23x30S3 Directional Drill		
	Min transport length: 17.4' (5.3 m)		
	Min transport width: 52.5" (133.4 cm)		
	Min transport height: 75" (190.5 cm)		
	Weight: 14,080 lb (6386.6 kg)		
	Make and model: Deutz TCD3.6L4		
	Fuel type: Ultra low sulfur diesel		
	Max engine rpm: 2000 rpm		
	Gross horsepower: 100 hp (75 kW)		
	Displacement: 220 cu in (3.6 L)		
	Cooling method: Liquid		
	Aspiration: Turbo		
	EPA certification family: Tier 4 Final (EU Stage IV)		
	Thrust/Pullback: 24,000 lb (106.8 kN)		
	Max carriage speed at max engine rpm: 206 ft/min (62.8 m/min)		
	Max spindle torque: 3000 ft-lb (3525.1 Nm)		
	Max spindle speed at max engine rpm: 219 rpm		
	Min bore diameter: 4" (10.2 cm)		
	Max ground drive speed: 3.3mph		
	Fuel tank: 35 gal (132.3 L)		
	Max flow: 35 gpm (132.3 L/min)		
	Breakout system: Standard hydraulic vise		
	Flow indicator: Standard		
	Stakedown system: Standard		
	Strike alert: Standard		
	Remote lockout: Standard		
	Firestick drill rod		
	Length: 10' (3 m)		
	Onboard capacity: 400' (121.9 m)		
1	Option		
	Confidence Plus Premium 3 Year Warranty with Maintenance		



QUOTE

Date: May 25, 2022 Sales Rep: Scott Holder

Qty	DESCRIPTION and SERIAL #	Unit Price	TOTAL
	<u>Trailers</u>		
1	New 2022 8T152FCBW		
	8 TON HEAVY DUTY EQUIPMENT TRAILER		
	15' FLAT DECK, 3' STEEL BEAVERTAIL WITH CLEATS		
	72' TONGUE LENGTH, 102" OVERALL WIDTH		
	CLEAR WIDTH BETWEEN FENDERS 81.5"		
	24" LOADED DECK HEIGHT		
	DEXTER SPRING SUSPENSION, ELECTRIC BRAKES		
	235/75R 17.5" 16-PLY RADIAL TIRES		
	SEALED WIRING HARNESS, LED LIGHTING		
	BOLT ON 12,000# DROP LEG JACK		
	10"@ 15#/FT I-BEAM FRAME		
	3" ANGLE LIP AROUND PERIMETER		
	3" CHANNEL CROSSMEMBERS @ 4.1#/FT		
	(3) D RINGS PER SIDE		
	(1) D RING CENTER HEAD BOARD		
	BREAKAWAY TRICKLE CHARGER		
	72" ANGLE CLIMBER RAMPS W/ TAPER		
	BOLT ON HOLD UP- RAMPS LIKE FC MODEL		
	OAK DECKING		
	METAL GRATING IN TONGUE		
	PINTLE HITCH		
	PAINT: GLOSS BLACK DEXTER 8,000# DROP AXLE		
	DEXTER 8,000# DROP AXEL		
1	New 2022 12T172FCBW		
	17 'Flat Deck / 4' Beavertail & 82" BTW Width		
	235 / 75R 17.5" Radial Tires		
	D-Rings - 5 per side		
	Open Pan in Front		
	Extended Dual Ramps with Spring Assist		
	Sealed Wiring Harness		
	Pintle Hitch / Adjustable Height		
	Painted Gloss Black 72" Angle Ramps Tapered with Springs		
	1/2" Flat Bar Hold-up on Ramp		
	Electric Brakes		
	10 Bolt Budd Wheels		
	12,000 lbs Jack		
	12,000 100 0001		



QUOTE

Date: May 25, 2022 Sales Rep: Scott Holder

ty	DESCRIPTION and SERIAL #	Unit Price	TOTAL
	New 2022 Vermeer MX300 Mix System		
	Power Pack Length: 52" (132.1 cm)		
	Power Pack Width: 40" (101.6 cm)		
	Power Pack Weight: 680 lb (308.4 kg)		
	Engine: Gas 23 hp (172. kW)		
	Fuel capacity: 16 gal (60.6 L)		
	Pump type: MP Pump - 3" (7.6 cm) end suction		
	Mixing action: venturi/recirculation		
	Integrated mixing hopper: Yes/rectangular steel		
	Straining system (makeup water): Yes		
	Straining system (outlet): Yes		
	Flow output (max, water): 350 gpm (1325 lpm)		
	New 2022 VermeerTK1000 - 1000 Gal Tank		
	Length: 105" (266.7 cm)		
	Width: 40" (101.6 cm)		
	Height: 82" (208.3 cm)		
	Mixing jets: 3-line eductor nozzles		
	Empty weight: 1050 lb (476.3 kg)		
	At-capacity weight: 9390 lb (4259.2 kg)		
	Supply Hose 2" x 50'		
	In Line Plumbing Kit		
	New 2022 Falcon F5+ Locator		
	Depth Range: 180 ft		
	Data Range: 220 ft		
	Aurora 10 in display		
	Locator Stand		
	Packed with Over 1000 Frequencies		
	Multi-power Transmitters		
	Sub-k Rebar Capability		
	Downhole Fluid Pressure Data in Real-Time		
	All new Quick Scan-Pair		
	Four Easy to USe Locating Modes		
	0.1% Pitch Acuracy		
	Simplified User Experience Faster Data Rates		
	Log While Drilling		
	Integrated iGPS (optional)		
	DigiTrak DataLog Management		
	Locator Stand		
	3 Locator Batteries		
	2 Sondes		



QUOTE

Date:

May 25, 2022

Sales Rep:

Scott Holder

DESCRIPTION and SERIAL #	Unit Price	TOTAL
Tooling		
HOUSING - 3" Premium Housing - D20 / D23 / D24		
Lid Safety Bolt (both housings)		
ROLL PIN for Housing		
Sonde Key - new metal style for Premium Housings		
ADAPTER - QF400HD BOX x 2 3/8" API PIN		
TORQ-LOK - 2 part epoxy thread locker		
5/8" shackle (this size goes over the bit)		
3/4" shackle (attaches to reamer)		
Velocity HDD Lithium Battery		
BINDERS - Ratchet style for 5/16" or 3/8" chain		
CHAINS - 5/16" x 10' GR70		
ISO100 - 2.5 gal		
Ombreila and Mount		
New 2022 Vermeer LP873SDT Heavy Vacuum Excavator		
49 HP Yanmar Diesel Engine		
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Extra Rods		
Drill Rod Basket		
	HOUSING - 3" Premium Housing - D20 / D23 / D24 Lid Safety Bolt (both housings) ROLL PIN for Housing Sonde Key - new metal style for Premium Housings ADAPTER - QF400HD BOX x 2 3/8" API PIN TORQ-LOK - 2 part epoxy thread locker COLLAR - QF400HD - Hardfaced with teeth. "HD system with roll pins" QF400HD Roll Pin 5/16" Punch for QF400HD Roll Pins STARTER ROD - D23 / D24 - QF400-HD x 2.375" Firestick BIT - 5" Ace Pro WIPER - 2.375" Double Rod Wiper, split style SWIVEL - 30K Double Eye I (use two 3/4" and one 5/8 shackle) GREASE - 1 gal Copper Kote 5/8" shackle (this size goes over the bit) 3/4" shackle (attaches to reamer) Velocity HDD Lithium Battery BINDERS - Ratchet style for 5/16" or 3/8" chain CHAINS - 5/16" x 10' GR70 ISO100 - 2.5 gal FLUTED 6" - API x Swivel FLUTED 8" - API x Swivel FLUTED 12" - API x Swivel FLUTED 12" - API x Swivel Umbrella and Mount New 2022 Vermeer LP873SDT Heavy Vacuum Excavator 49 HP Yanmar Diesel Engine 1000 CFM Vac Pump 800 Gal Spoils Tank with Hydraulic Tilt 3000 PSI / 4 GPM Water System Two 200 Gal Water Tanks Water Knife Clean-up Wand Reverse Pressure Air Gap 20,000 GVWR Hydraulic Jack 4" Hose and Tooling LED Board Extra Rods	HOUSING - 3" Premium Housing - D20 / D23 / D24 Lid Safety Bolt (both housings) ROLL PIN for Housing Sonde Key - new metal style for Premium Housings ADAPTER - QF400HD BOX x 2 3/8" API PIN TORQ-LOK - 2 part epoxy thread locker COLLAR - QF400HD - Hardfaced with teeth. "HD system with roll pins" QF400HD Roll Pin 5/16" Punch for QF400HD Roll Pins STARTER ROD - D23 / D24 - QF400-HD x 2.375" Firestick BIT - 5" Ace Pro WIPER - 2.375" Double Rod Wiper, split style SWIVEL - 30K Double Eye I (use two 3/4" and one 5/8 shackle) GREASE - 1 gal Copper Kote 5/8" shackle (this size goes over the bit) 3/4" shackle (attaches to reamer) Velocity HDD Lithium Battery BINDERS - Ratchet style for 5/16" or 3/8" chain CHAINS - 5/16" x 10" GR70 ISO100 - 2.5 gal FLUTED 6" - API x Swivel FLUTED 8" - API x Swivel FLUTED 12" - API x Swivel FLUTED 12" - API x Swivel Umbrella and Mount New 2022 Vermeer LP873SDT Heavy Vacuum Excavator 49 HP Yanmar Diesel Engine 1000 CFM Vac Pump 800 Gal Spoils Tank with Hydraulic Tilt 3000 PSI / 4 GPM Water System Two 200 Gal Water Tanks Water Knife Clean-up Wand Reverse Pressure Air Gap 20,000 GVWR Hydraulic Jack 4" Hose and Tooling LED Board Extra Rods



QUOTE

Date: May 25, 2022 Sales Rep: Scott Holder

,	DESCRIPTION and SERIAL #				Unit Price	Т	OTAL
	References						
	Pike Electric	Scott Robinson	(404) 427-2666	Superintendent			
		Jerry Stroud	(678) 451-9498	Superintendent			
	City of Rome	Paul Sills	(706) 622-7368	Safety Manager			
	Target Borins	Paul Heinie	(678) 617-4931	Owner			
	Odie Bore	Kim Odom	(770) 550-1224	Owner			
	Utilisouth	Jon Pruitt	(404) 427-5223	Owner			
	Notes						
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All warranties, if any, made with respect to this equipment are those warranties made by the Manufacturer. Dealer makes no warranties express or implied, including, but not limited to, warranties of MERCHANTABILITY AND FITNESS OF A PARTICULAR PURPOSE.

Customer Cianatura	May 25, 2022
Customer Signature	Way 25, 2022