



MEMO

To: Ryan McReynolds, Deputy City Manager

From: Chad Austin, Assistant Utilities Director – Engineering/Operations

Date: May 10, 2023

Regarding: Approval for Contracting Emergency Repairs to Sewer Force Main

The Utilities Department is requesting approval to enter into a contract with GRC Civil Services in the amount of \$326,225.00 for the replacement of a 20" sewer force main along Moreland Dr. Also requested is approval to enter into a contract in the amount of \$59,995.00 with HEPACO to provide personnel and equipment to bypass this area of the force main during construction by using Vacuum Truck Support at the Moreland Dr lift station.


In early February, Utility Maintenance crews responded to a sewer discharge along Moreland Dr. Again in early March crews responded to a similar discharge in the same area. At that time crews informed their supervisors that the pipe material that caused the discharge was in "really bad shape".


Their concerns brought about an investigation by our engineering group that involved digging up the pipe in four areas to assess the condition of the pipe. Using an ultrasonic pipe thickness measuring device it was determined that approximately 900 ft of pipe had degraded to a point beyond repair and needed to be replaced as soon as possible. Engineering staff discussed these repairs with some local contractors and received quotes from three of them to replace the pipe. The lowest quoted price was received from GRC Civil Services.

GRC Civil Services can receive the materials and start on the project on May 22. It is imperative that we have the replacement done before any other large rainfall events. Our permit requires that we have no sewer discharges outside the system and we have already had two. Any further discharges will bring us under scrutiny of TDEC.

In accordance with Section 2-605 of the City of Kingsport Code of Ordinances, authorization to make purchases in and for apparent or actual emergency situations affecting immediate health, safety, and general welfare of the city is provided. All quotes are attached for reference.

This memo must be signed and approved by the Department Head and City Manager in order to process payment for this requested agreement. Their signatures denote approval to enter into the requested contracts.


Ryan McReynolds, PE, Deputy City Manager


Chris McCartt, City Manager

5-10-23
Date

5-11-23
Date

Ensor, Niki

From: Ensor, Niki
Sent: Tuesday, May 2, 2023 8:21 AM
To: McReynolds, Ryan; Austin, Chad
Subject: FW: Moreland Drive FM Break Timeline
Attachments: Moreland Drive FM Break Timeline (002).docx

Hey Ryan,

See attached timeline for the recent breaks on Moreland drive. We have actually had 4 breaks on the FM over the past year. The breaks in February and March were so close together and the pipe was in such poor condition we feel we need replace this section asap. We have three proposals. Contractors were able to meet with us fairly quickly so we thought it would be good to get multiple quotes while waiting on the others to submit. Let me know if you have any questions or reservations proceeding with emergency repiar.

Thanks



Asset: <u>Sewer Force Main 21999</u>	Address: 1162 MORELAND DR	
Task ID: 854747	Task Date: 7/28/2022	Discharge Cause: Line Break
Task ID: 869735	Task Date: 9/12/2022	Discharge Cause: Line Break
Task ID: 916197	Task Date: 2/17/2023	Discharge Cause: Line Break
Task ID: 919767	Task Date: 3/6/2023	Discharge Cause: Line Break

Number of Recorded Events: 4



130 Regional Park Dr. • Kingsport, TN 37660 • (423) 349-7760 • www.grcinc.com

March 31, 2023

**Will Stallard
Kingsport Public Works
1113 Konnarock Road
Kingsport, Tennessee 37664**

RE: Moreland Drive Force Main Repair

Total Estimated Amount: \$326,225

Scope of Work Includes

1. Mobilization
2. Asphalt Saw Cutting
3. 20" C900 Pipe Installation (900 feet)
4. Bedding and Backfill Stone
5. Traffic Control
6. Paving of Disturbed Areas
7. Seeding/Straw of Disturbed Areas
8. Installation of ARV with Vault

Scope Excludes

1. Undercut of unsuitable soils.
 2. Rock excavation.
 3. Bypass pumping.
 4. Repair of existing line.
-

Notes

1. Rock excavation is excluded. The unit price for rock removal is \$642 per hour.
2. Bypass pumping is excluded. The City of Kingsport will be responsible for turning off pumps and potentially pumping holding tanks during the tie ins for the new line. The tie ins will be performed starting at approximately 9:00 PM EST on the determined date.
3. The lead time for the pipe and fittings is 4 to 6 weeks. The fittings priced in the quote are P401 lined ductile iron. The pipe is 20" C900. Blue in color.
4. GRC Civil Services can start the work after receipt of material. Material will be ordered after receipt of a NTP and PO.

Please call with or email any questions.

Thank You,

A handwritten signature in blue ink, appearing to read 'Todd R. Johnson', with a long horizontal line extending to the right.

Todd R. Johnson
President
GRC Civil Services
423-579-8089



04/19/2023

Billy Sturgill
City of Kingsport
Utilities Maintenance Superintendent
1113 Konnarock Road
Kingsport, TN, 37664
billysturgill@kingsporttn.gov
423-224-2548

Subject: Vacuum Truck Support - Pipe Repair Project

Quote Number: QT-3356

Dear Billy,

Thank you for the opportunity to provide this proposal for the Misc Field Services located at 1113 Konnarock Road, Kingsport, TN 37664.

HEPACO is a premier environmental contractor with coverage from 45 offices. We specialize in emergency response, industrial services, remediation, and waste services. HEPACO serves a multitude of customers including transportation companies, energy companies, environmental consultants, industrial facilities, terminals, environmental service companies, general contractors, property owners, and many other public and private-sector clients.

HEPACO, with its well-rounded and cross-trained staff, can effectively and efficiently complete this project and appreciates the opportunity. We stand firmly behind our work and always strive to deliver exceptional value and a high level of service at reasonable pricing.

Scope of Work

HEPACO will provide the following:

- The scope of work is as discussed during the project site walk, a detailed scope of work and safety plan can be provided upon award of project.

Assumptions

HEPACO assumes the following:

- Hepaco assumes that all the water used to pressure wash and flush clean the frac tanks, pumps and hoses at the completion of the project can be dumped into the same manhole or other location as directed by the City of Kingsport.
- All work will be completed in one mobilization unless otherwise noted
- If groundwater is encountered, additional pricing for transportation, disposal, management, and/or containment will apply. This will be charged according to the HEPACO Time and Materials Rate Sheet.
- Prices do not include any required permitting unless otherwise noted
- Prices do not include any surgical excavation around utilities, surface and/or subsurface structures (it is assumed utilities are not present)



- Client will provide any required sampling/analysis, technical reports, surveying, compaction testing and/or private utility locating services unless otherwise noted
- All disposal prices are based on final profile approval and waste acceptance by the disposal facility
- Client is responsible for any additional price associated with non-conforming waste as determined by the disposal facility
- Field crew will be on-site working eight (8) hours per day M-F with no weekend or holiday work unless otherwise noted
- Customer is responsible for disposal prices unless otherwise noted
- Quantities are speculative. Except for minimums, all billing will be based on actual quantities.

Price

A pricing itemization is provided in Attachment A.

HEPACO Basic Conditions:

- Hepaco will provide all the equipment and personnel discussed during the project site walk.
- The City of Kingsport will provide complete access to the lift station work area along with the manhole dump location. This includes traffic control and road closure at both locations which includes the required personnel for this work.
- There may be a need for some ground work at the lift station including gravel.
- Hepaco may need to utilize the church parking lot as a turnaround for the vacuum trucks to line up for loading.
- All projects require a two (2) week notice to proceed. HEPACO will make every effort possible to meet all our client's requests; however, HEPACO cannot guarantee a project start date with less than two (2) weeks' notice to proceed.
- This proposal is contingent upon credit approval and valid for thirty days
- For any additional work beyond the original scope of work, time and material rates will apply.
- Except for minimums, billing will be based on actual quantities at unit prices (see Attachment A).
- A four (4)-hour minimum will apply to all unit pricing quoted by the hour
- Unit prices quoted by the day will be billed at the full day rate for any work on site. There will be no partial billing for partial workdays.
- Unit prices quoted by the day apply up to eight hours per day. After eight hours per day, the day rate will be pro-rated for additional hours.
- Unit prices are based on a non-union work force, no prevailing wages, no overtime work, and no performance bond.
- Additional costs related to unexpected, concealed, or unknown conditions or any delays at the project site shall be incurred by customer.
- HEPACO will not be held responsible if underground or above ground structures, cables, conduits, site features, property, materials, or equipment are destroyed, damaged, or rendered inoperable during the project.
- Pricing includes HEPACO's standard insurance coverage. Adding additional insured or increased coverages will be at additional pricing and will be quoted on a case-by-case basis.



Again, thank you for the opportunity and we look forward to completing this project.

Sincerely,

Joseph Baarlaer

Joseph Baarlaer
HEPACO Branch Manager



Subject: Vacuum Truck Support - Pipe Repair Project

Quote Number: QT-3356

By signing below the customer acknowledges that they have received, reviewed, and agree to the HEPACO Proposal

Owner or Owner Agent: _____

Print Name

Signature: _____

Owner or Owner Agent

Date of Acceptance: _____



ATTACHMENT A
PRICING ITEMIZATION TABLE



PRICING ITEMIZATION TABLE

Item Name or Description	Estimated Quantity	Unit Price	Units of Measure	Total Line-Item Price
HEPACO PERSONNEL, EQUIPMENT, RENTAL EQUIPMENT, FUEL, PPE, TOOLS & MISC. SUPPLIES	1	\$59,995.00	PROJECT	\$59,995.00

Estimated Total Quote Price: \$59,995.00



Construction Company, Inc.

P.O. BOX 4806 * JOHNSON CITY, TN 37602-4806 * (423) 282-3251 * FAX (423) 282-3976
WATER - SEWER - EXCAVATING - GRADING - ROADBUILDING - BRIDGES

Proposal

04/07/2023

Will Stallord, Civil Engineer
City of Kingsport
Public Works

RE: 20" Force Main Repair located on Mooreland Drive

Please see our scope of work and pricing for the above referenced project.

Provide materials and labor to install approx. 850' - 900' of 20" PVC pipe and connect to existing Ductile Iron line. Scope also includes 1 ARV Assembly, cleanup and restoration, and trench asphalt repair.

TOTAL FOR PROJECT: \$355,240.00

EXCLUSIONS:

Permits and Associated Fees
Undercut for unsuitable soils
Full lane width asphalt repair
Bypass pumping if required

****Due to current workload, Thomas Construction Company could not guarantee a start date earlier than 2 months from notice of award. ****

A handwritten signature in black ink, appearing to read "KH", is positioned above the name Kyle Ham.

Kyle Ham
Project Manager



VIA E-MAIL
March 27, 2023

City of Kingsport
1113 Konnarock Rd
Kingsport, TN 37664
Attn: Will Stallard
WillStallard@KingsportTN.gov

RE: Moreland Drive 20" Force Main Repairs Tennessee

Mr. Stallard:

As requested, we are glad to submit the following proposal for providing Sewer Rehabilitation via Open Cut Replacement of 20" Force Main. Our proposal is as follows:

Item #	Description:	Quantity	Unit	Unit Price	Total
1	Mobilization	1	LS	\$ 21,100.00	\$ 21,100.00
2	Traffic Control	1	LS	\$ 16,375.00	\$ 16,375.00
3	20" PVC DR18 C900 Force Main	900	LF	\$ 424.00	\$ 381,600.00
4	Air Release Valve Assembly	1	LS	\$ 18,150.00	\$ 18,150.00
5	Crushed Aggregate Backfill (As Directed by Owner)	350	TN	\$ 41.00	\$ 14,350.00
6	Asphalt Pavement Repair	40	TN	\$ 395.00	\$ 15,800.00
7	Seeding	1,670	SY	\$ 11.50	\$ 19,205.00
8	Curb & Gutter	100	LF	\$ 85.00	\$ 8,500.00
	Total				\$ 495,080.00

Notes:

Pucc pricing is based on the following conditions:

1. The Owner will provide bypass pumping at the conclusion of reconstructing the force main. At that time, the Owner can bypass the force main as needed, in order for Pucc to connect both ends of the new line.
2. All backfill in roadway will be performed using existing material or crushed aggregates. (Per item #5) If Flowable Fill is required, there will be an additional charge of \$300.00 per cubic yard installed.
4. Quantity is estimated based on provided documents and field observations.

Thank you for the opportunity to provide you with this proposal. Please do not hesitate to call if you have any questions or comments.

Sincerely,

Portland Utilities Construction Co., LLC

Michael E. Woodcock

Michael E. Woodcock

Vice President