

Office of Neighborhood Services

City of Richland Hills, Texas

Memorandum

To: Honorable Mayor Bill Agan and members of the Richland Hills City Council
From: Scott Mitchell, Director of Neighborhood Services
Date: March 12, 2018
Subject: Sewer Repair / Replacement Project

Council Action Requested:

Consider approval of emergency manhole repair and sewer replacement project related to the Poppelwell street project.

Background Information:

A collapse in the sewer manhole (MH-1) located in the 3900 block of Poppelwell was discovered by city personnel in the process of preparing for the Poppelwell street project. A temporary spot repair was made to maintain at least partial sewer flow pending manhole repair/replacement.

As part of the street rehabilitation project, replacement of wastewater lines needing repair/replacement is planned prior to the street reconstruction. The emergency portion of this request was initiated immediately to maintain flow. The remainder of the project will move forward pending approval.

This request is to replace approximately 730 feet of six inch clay pipe with eight inch PVC utilizing the pipe-burst method. This will replace the existing clay line with 100 year life span PVC pipe requiring minimal excavation and resulting in less damage to surrounding yards. This project will also replace a total of 5 wastewater manholes. This project will be completed prior to the street reconstruction.

Price was based off of the TIPS competitive purchasing agreement. The cost of the project is \$94,707.50 awarded to No-Dig Tec, LLC.

Funds for the project are available from the Sewer System Improvement funds that were approved in the FY 17-18 budget.

Board/Citizen Input: N/A

Financial Impact: \$94,707.50

Staff Contacts:

Scott Mitchell
Director of Neighborhood Services
smitchell@richlandhills.com

Attachments:

No-Dig Tec quote

No-DigTec, llc

415 Ewing Boulevard
Ferris, TX 75125

Ph: (972) 488-9910 Fax: (972) 488-8108

Estimate

Date	Estimate #
2/8/2018	5110

Bill To:
City of Richland Hills 6700 Rena Drive Richland Hills, TX 76118

Ship To:
Popplewell Rd. Replace 5 MH's Richland Hills, TX

PO #	Terms	Rep
quote	Due on Recpt	JN

Description	Qty	U/M	Rate	Total
Burst existing 6" or 8" to 8" IPS SDR 19 (0'- 8' deep), includes main line, side streets to past radius, and connect alley piping behind curb	730	L.F.	71.50	52,195.00
6" Clean and TV sanitary sewer (City can preform)	575	L.F.	1.50	862.50
6" - 18" Post TV Inspection After Rehabilitation (City can preform)	0	L.F.	0.00	0.00
8" - 12" Point repair (0'- 8' deep) for removal of Ductile Iron pipe	20	LF	100.00	2,000.00
External reconnect (0'- 8' deep)	2	Ea	750.00	1,500.00
4" to 8" Open Cut Replacement (0'-8' deep)	30	L.F.	60.00	1,800.00
4' DIA New Manhole Install 0' - 6' deep	5	Ea	4,800.00	24,000.00
4' DIA Extra VF depth manhole over 6' deep	3	V.F.	500.00	1,500.00
Flex base for backfill around new manholes and paving base to be level with existing paving	90	S.Y.	45.00	4,050.00
Repair/Rehab Concrete curb and gutter	10	L.F.	35.00	350.00
Traffic control (City can provide)	3	Wk	500.00	1,500.00
Flagmen (Not needed if street can be closed down)	40	Hr	30.00	1,200.00
Abandon 6" line N of MH #1 by installing concrete plug in end of pipe	1	LS	100.00	100.00
Pour concrete cap over line running under storm drain where Ductile pipe was removed.	1	LS	750.00	750.00
				91,807.50
Bond	1	LS	2,900.00	2,900.00
Exclusions: Removal of concrete encasement due to Storm Drain crossing Asphalt reinstatement City to allow excavation spoils to be taken to City storage yard				
Thank you for the opportunity to bid this work.	Subtotal			\$94,707.50
	Total			\$94,707.50

The undersigned agrees and consents that facsimile signatures shall be deemed original signatures for all purposes in connection with this estimate. Attached Terms and Conditions apply, please initial and return with signed proposal.

Signature of Acceptance: _____ Date: _____