

MEMORANDUM

TO: Honorable Mayor Renner and City Council

FROM: Matt Oldenburg, Deputy City Engineer *MATT*

DATE: 22 November 2017

RE: Sanitary Sewer Diversion Project – US Rt. 20 W & Chetlain Lane
Approval of Bid

As part of ongoing improvements to the sanitary sewer system, a sewer diversion project was let for bid to re-route Industrial Park and Cobblestone Crossing’s sewer from the Franklin Street system to the Scenic Meadows system. Requests for bids were sent to five contractors and the bid documents were posted on our website. Six bids were returned to City Hall on Tuesday, 21 November 2017 at 10:00 am.

The proposed work includes:

1. Diversion of sanitary sewer main: installation of force main through casing; installation of gravity main by horizontal directional drilling and trenching; installation and adjustment of manholes; and site grading.

Six bids were received, detailed in attached tabulation and summarized below as follows:

Contractor	Base Bid \$	Alternate Items \$
M&N Sproule Construction	\$106,190.00	\$2,090.00
Louie’s Trenching Service	\$133,080.00	\$2,801.00
Fischer Excavating	\$180,069.44	\$13,267.30
Civil Constructors, Inc.	\$198,024.00	\$11,400.00
Valley Construction Co.	\$240,620.00	\$26,400.00
Needham Excavating, Inc.	\$262,217.20	\$19,550.00

We recommend the City Council approves the bid of \$106,190.00 from M&N Sproule Construction to perform the work for the base bid items. Alternate items A1-A9 are pre-priced in case we encounter poor subsurface conditions (not expected) or need to excavate around the Bartell Blvd area (not expected). The Sewer Department has \$95,000.00 budgeted for the project in the current cycle and the balance will be budgeted for FY 2018-19.

Item No.	Description	Unit	Quantity	MNS Construction		Louie's Trenching Service		Civil Constructors, Inc.		Needham Excavating, Inc.		Fischer Excavating		Valley Construction Co.	
				Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
1	Mobilization, staking and insurance	LS	1	\$3,500.00	\$3,500.00	\$7,200.00	\$7,200.00	\$33,000.00	\$33,000.00	\$35,350.00	\$35,350.00	\$2,625.79	\$2,625.79	\$25,000.00	\$25,000.00
2	Traffic control and access provisions	LS	1	\$500.00	\$500.00	\$2,000.00	\$2,000.00	\$3,600.00	\$3,600.00	\$3,100.00	\$3,100.00	\$6,075.01	\$6,075.01	\$3,000.00	\$3,000.00
3	Manhole, Type A, furnish and install	EA	8	\$2,500.00	\$20,000.00	\$2,450.00	\$19,600.00	\$3,400.00	\$27,200.00	\$6,420.00	\$51,360.00	\$2,756.94	\$22,055.52	\$5,500.00	\$44,000.00
4	Manhole connection to existing at MH-1-19-18	LS	1	\$400.00	\$400.00	\$1,300.00	\$1,300.00	\$2,100.00	\$2,100.00	\$1,950.00	\$1,950.00	\$1,199.34	\$1,199.34	\$3,500.00	\$3,500.00
5	6" HDPE Ductile Iron Pipe Size Force Main DR-17, furnish and install through existing 8" pipe as casing and connection to existing force main	LF	150	\$27.00	\$4,050.00	\$75.00	\$11,250.00	\$62.00	\$9,300.00	\$111.00	\$16,650.00	\$104.44	\$15,666.00	\$80.00	\$12,000.00
6	Modification to MH 34-1 to enable 6" HDPE Ductile Iron Pipe Size Force Main DR-17 to be installed	LS	1	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$14,000.00	\$14,000.00	\$2,350.00	\$2,350.00	\$4,219.48	\$4,219.48	\$3,500.00	\$3,500.00
7	8" C-900 P.V.C. Gravity Main DR-18, furnish and install by horizontal directional drilling between MH 34-1 and MH 31-2	LF	140	\$78.00	\$10,920.00	\$80.00	\$11,200.00	\$93.00	\$13,020.00	\$183.50	\$25,690.00	\$131.08	\$18,351.20	\$130.00	\$18,200.00
8	8" SDR-26 P.V.C. Gravity Main, furnish and install by trenching	LF	1,632	\$35.00	\$57,120.00	\$40.00	\$65,280.00	\$47.00	\$76,704.00	\$53.35	\$87,067.20	\$52.75	\$86,088.00	\$60.00	\$97,920.00
9	Turf restoration – 4" minimum depth topsoil	LS	1	\$3,200.00	\$3,200.00	\$3,500.00	\$3,500.00	\$7,000.00	\$7,000.00	\$13,000.00	\$13,000.00	\$18,074.81	\$18,074.81	\$12,500.00	\$12,500.00
10	Erosion Control, silt fence	LF	1,500	\$2.00	\$3,000.00	\$2.50	\$3,750.00	\$2.00	\$3,000.00	\$4.35	\$6,525.00	\$1.79	\$2,685.00	\$2.50	\$3,750.00
11	Clearing & Grubbing, up to 6" caliper trees & brush, approx. - 6,000 SF near MH-34-8 and MH 1-19-18	LS	1	\$500.00	\$500.00	\$1,500.00	\$1,500.00	\$3,600.00	\$3,600.00	\$8,100.00	\$8,100.00	\$1,038.42	\$1,038.42	\$2,250.00	\$2,250.00
12	Grading and embankment to form cover for area between MH 34-8 and MH 1-19-18 as indicated on drawings – approx. - 500 CY	LS	1	\$500.00	\$500.00	\$5,000.00	\$5,000.00	\$5,500.00	\$5,500.00	\$11,075.00	\$11,075.00	\$1,990.87	\$1,990.87	\$15,000.00	\$15,000.00
	Total Base Bid				\$106,190.00		\$133,080.00		\$198,024.00		\$262,217.20		\$180,069.44		\$240,620.00
A1	Rock excavation	CY	100	\$1.00	\$100.00	\$0.01	\$1.00	\$90.00	\$9,000.00	\$119.00	\$11,900.00	\$101.74	\$10,174.00	\$175.00	\$17,500.00
A2	Aggregate surface remove & replace, 10" depth	SY	10	\$15.00	\$150.00	\$15.00	\$150.00	\$9.00	\$90.00	\$40.00	\$400.00	\$24.00	\$240.00	\$125.00	\$1,250.00
A3	Bituminous surface remove & replace, 4" depth	SY	10	\$32.00	\$320.00	\$40.00	\$400.00	\$40.00	\$400.00	\$200.00	\$2,000.00	\$90.80	\$908.00	\$125.00	\$1,250.00
A4	Remove & replace sidewalk, 5" depth – match existing	SF	20	\$10.00	\$200.00	\$20.00	\$400.00	\$11.00	\$220.00	\$30.00	\$600.00	\$9.37	\$187.40	\$75.00	\$1,500.00
A5	Remove & replace curb & gutter, type B – match existing	LF	10	\$42.00	\$420.00	\$50.00	\$500.00	\$55.00	\$550.00	\$150.00	\$1,500.00	\$37.49	\$374.90	\$175.00	\$1,750.00
A6	Clean fill, furnished and placed	TON	10	\$18.00	\$180.00	\$15.00	\$150.00	\$15.00	\$150.00	\$34.50	\$345.00	\$38.88	\$388.80	\$65.00	\$650.00
A7	Clean Breaker, CA-1 or CA-3, furnished and placed	TON	10	\$20.00	\$200.00	\$20.00	\$200.00	\$24.00	\$240.00	\$30.50	\$305.00	\$20.04	\$200.40	\$80.00	\$800.00
A8	Rip Rap, furnished and placed	TON	10	\$44.00	\$440.00	\$60.00	\$600.00	\$45.00	\$450.00	\$50.00	\$500.00	\$47.18	\$471.80	\$90.00	\$900.00
A9	Temporary Ditch Check	LF	20	\$4.00	\$80.00	\$20.00	\$400.00	\$15.00	\$300.00	\$100.00	\$2,000.00	\$16.10	\$322.00	\$40.00	\$800.00
	Total Alternates				\$2,090.00		\$2,801.00		\$11,400.00		\$19,550.00		\$13,267.30		\$26,400.00