



Sewer Line Replacement – I.H. 45 to Waters Edge Lift Station

BID PROPOSAL TABULATION

CoH Project #16-10-05, MBESI Project #10250024

July 2, 2018

Engineer's Estimate

**Horseshoe Construction,
Inc.**

Item No.	Description	Unit	Approx. Qty.	Unit Bid	Total	Unit Bid	Total
1.00 Site Preparation							
1.01	Mobilization	LS	1	\$23,000.00	\$23,000.00	\$30,000.00	\$30,000.00
1.02	Clearing	AC	1.2	\$10,000.00	\$12,000.00	\$11,000.00	\$13,200.00
Subtotal Item 1.00:					\$35,000.00		\$43,200.00
2.00 Demolition							
2.01	Demolish Exist. Sewerline	LF	963	\$10.00	\$9,630.00	\$3.50	\$3,370.50
2.02	Grout-fill & Abandon Exist. Sewerline	LF	660	\$10.00	\$6,600.00	\$8.50	\$5,610.00
2.03	Demolish Exist. Manhole	EA	19	\$1,000.00	\$19,000.00	\$600.00	\$11,400.00
2.04	Abandon Exist. Manhole	EA	2	\$800.00	\$1,600.00	\$1,000.00	\$2,000.00
Subtotal Item 2.00:					\$36,830.00		\$22,380.50
3.00 Sewer System Improvements							
3.01	16" PE4710, DR26 HDPE Sewerline by Pipe Bursting	LF	2334	\$125.00	\$291,750.00	\$120.00	\$280,080.00
3.02	15" ASTM D3034, SDR26 PVC Pipe by Open Cut	LF	1346	\$55.00	\$74,030.00	\$70.00	\$94,220.00
3.03	Trenching & Backfill (Non-Str.) (5'-8' Depth)	LF	358	\$15.00	\$5,370.00	\$6.00	\$2,148.00
3.04	Trenching & Backfill (Non-Str.) (8'-10' Depth)	LF	633	\$18.00	\$11,394.00	\$14.00	\$8,862.00
3.05	Trenching & Backfill (Non-Str.) (10'-12' Depth)	LF	339	\$22.00	\$7,458.00	\$18.00	\$6,102.00
3.06	Trenching & Backfill (Non-Str.) (16'-18' Depth)	LF	117	\$52.00	\$6,084.00	\$26.00	\$3,042.00
3.07	Trench Safety (sewer)	LF	1447	\$2.00	\$2,894.00	\$1.00	\$1,447.00
3.08	Directional Bore	LF	80	\$200.00	\$16,000.00	\$115.00	\$9,200.00
3.09	Directional Bore with 24" Steel Encasement	LF	186	\$250.00	\$46,500.00	\$450.00	\$83,700.00
3.10	4'Ø Precast Concrete Manhole (0 to 6' deep)	EA	22	\$3,000.00	\$66,000.00	\$4,250.00	\$93,500.00
3.11	Additional Depth to 4'Ø Concrete Manhole	VF	165	\$150.00	\$24,750.00	\$215.00	\$35,475.00
3.12	Connection to Existing Sewer	EA	8	\$750.00	\$6,000.00	\$300.00	\$2,400.00
3.13	4" Single Sewer Service Connection	EA	10	\$800.00	\$8,000.00	\$550.00	\$5,500.00
3.14	Bypass Pumping	LS	1	\$30,000.00	\$30,000.00	\$20,000.00	\$20,000.00
Subtotal Item 3.00:					\$596,230.00		\$645,676.00
4.00 Erosion Control Improvements							
4.01	Erosion Control Plan & Sedimentation Control (includes monitoring, record keeping, grass seeding, and cleanup)	LS	1	\$6,000.00	\$6,000.00	\$7,500.00	\$7,500.00
4.02	Grass Sod for Residential Lots	SF	25000	\$1.00	\$25,000.00	\$0.75	\$18,750.00
4.03	Grass Sod for Golf Course (Bermuda Type 419)	SF	25000	\$1.50	\$37,500.00	\$0.85	\$21,250.00
4.04	Hydroseeding and Fibermulch (Flexterra-HP-FGM)	SY	1570	\$1.50	\$2,355.00	\$1.10	\$1,727.00
4.05	Silt Fence	LF	1711	\$3.00	\$5,133.00	\$1.50	\$2,566.50
4.06	Hay Bale Protection	LF	90	\$2.50	\$225.00	\$11.00	\$990.00
4.07	Inlet Protection	EA	5	\$150.00	\$750.00	\$90.00	\$450.00
Subtotal Item 4.00:					\$76,963.00		\$53,233.50

5.00 Miscellaneous							
5.01	Fence Repair	LF	32	\$15.00	\$480.00	\$20.00	\$640.00
5.02	Irrigation System Repair	LS	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
5.03	6" AWWA C906, DR 13.5 HDPE by Wet Bore for Future Irrigation	LF	50	\$50.00	\$2,500.00	\$52.00	\$2,600.00
5.04	Concrete Driveway Repair	SY	97	\$50.00	\$4,850.00	\$75.00	\$7,275.00
Subtotal Item 5.00:					\$10,330.00		\$13,015.00
TOTAL BASE BID:				\$755,353.00	\$777,505.00		
Alternate #1 - In lieu of Base Bid 16" Sewerline by Pipe Bursting – the Contractor shall Install 15" Sewerline by Open Cut as per construction drawings.							
Alternate #1 Additions							
2.01	Demolish Exist. Sewerline	LF	2334	\$10.00	\$23,340.00	\$3.50	\$8,169.00
3.02	15" ASTM D3034, SDR26 PVC Pipe by Open Cut	LF	2326	\$55.00	\$127,930.00	\$70.00	\$162,820.00
3.03	Trenching & Backfill (Non-Str.) (5'-8' Depth)	LF	200	\$15.00	\$3,000.00	\$12.00	\$2,400.00
3.04	Trenching & Backfill (Non-Str.) (8'-10' Depth)	LF	100	\$18.00	\$1,800.00	\$14.00	\$1,400.00
3.05	Trenching & Backfill (Non-Str.) (10'-12' Depth)	LF	1043.00	\$22.00	\$22,946.00	\$18.00	\$18,774.00
3.07	Trench Safety (sewer)	LF	2188.00	\$2.00	\$4,376.00	\$1.00	\$2,188.00
3.08	Directional Bore	LF	114.00	\$200.00	\$22,800.00	\$100.00	\$11,400.00
A1.01	Trenching & Backfill (Non-Str.) (12'-14' Depth)	LF	845.00	\$28.00	\$23,660.00	\$24.00	\$20,280.00
A1.02	Concrete Driveway Repair	SY	68.00	\$50.00	\$3,400.00	\$75.00	\$5,100.00
A1.03	Concrete Sidewalk Repair	SY	16.00	\$50.00	\$800.00	\$80.00	\$1,280.00
Subtotal Alternate #1 Additions:					\$234,052.00		\$233,811.00
Alternate #1 Deletions							
3.01	16" PE4710, DR26 HDPE Sewerline by Pipe Bursting	LF	2334.00	\$125.00	\$291,750.00	\$100.50	\$234,567.00
Subtotal Alternate #1 Deletions:					\$291,750.00		\$234,567.00
Subtotal Alternate #1 (Total increase to Base Bid If Alternate #1 chosen):					-\$57,698.00		-\$756.00
TOTALS							
TOTAL BASE BID:				\$755,353.00	\$777,505.00		
Subtotal Alternate #1				-\$57,698.00	-\$756.00		
TOTAL BASE + ALT #1				\$697,655.00	\$776,749.00		

Note: Shaded cells indicate mathematical corrections in the original bid.

PM Construction & Rehab, LLC		5-T Utilities		Fused Industries		Palasota Contracting	
Unit Bid	Total	Unit Bid	Total	Unit Bid	Total	Unit Bid	Total
\$17,000.00	\$17,000.00	\$20,000.00	\$20,000.00	\$44,000.00	\$44,000.00	\$186,000.00	\$186,000.00
\$13,000.00	\$15,600.00	\$10,000.00	\$12,000.00	\$49,030.00	\$58,836.00	\$5,000.00	\$6,000.00
	\$32,600.00		\$32,000.00		\$102,836.00		\$192,000.00
\$3.50	\$3,370.50	\$20.90	\$20,126.70	\$25.00	\$24,075.00	\$15.00	\$14,445.00
\$11.00	\$7,260.00	\$24.20	\$15,972.00	\$15.00	\$9,900.00	\$20.00	\$13,200.00
\$600.00	\$11,400.00	\$1,100.00	\$20,900.00	\$600.00	\$11,400.00	\$1,000.00	\$19,000.00
\$960.00	\$1,920.00	\$1,485.00	\$2,970.00	\$400.00	\$800.00	\$1,000.00	\$2,000.00
	\$23,950.50		\$59,968.70		\$46,175.00		\$48,645.00
\$140.00	\$326,760.00	\$138.60	\$323,492.40	\$170.00	\$396,780.00	\$198.00	\$462,132.00
\$70.00	\$94,220.00	\$24.06	\$32,384.76	\$42.00	\$56,532.00	\$30.00	\$40,380.00
\$5.50	\$1,969.00	\$33.96	\$12,157.68	\$15.00	\$5,370.00	\$30.00	\$10,740.00
\$14.00	\$8,862.00	\$38.36	\$24,281.88	\$15.00	\$9,495.00	\$40.00	\$25,320.00
\$17.00	\$5,763.00	\$43.12	\$14,617.68	\$15.00	\$5,085.00	\$50.00	\$16,950.00
\$25.00	\$2,925.00	\$62.59	\$7,323.03	\$15.00	\$1,755.00	\$60.00	\$7,020.00
\$1.00	\$1,447.00	\$3.30	\$4,775.10	\$1.00	\$1,447.00	\$10.00	\$14,470.00
\$113.00	\$9,040.00	\$132.00	\$10,560.00	\$550.00	\$44,000.00	\$262.00	\$20,960.00
\$450.00	\$83,700.00	\$350.82	\$65,252.52	\$555.00	\$103,230.00	\$262.00	\$48,732.00
\$4,300.00	\$94,600.00	\$3,083.75	\$67,842.50	\$5,000.00	\$110,000.00	\$4,200.00	\$92,400.00
\$200.00	\$33,000.00	\$467.50	\$77,137.50	\$200.00	\$33,000.00	\$350.00	\$57,750.00
\$290.00	\$2,320.00	\$1,745.14	\$13,961.12	\$1,000.00	\$8,000.00	\$2,000.00	\$16,000.00
\$470.00	\$4,700.00	\$1,746.48	\$17,464.80	\$1,200.00	\$12,000.00	\$2,000.00	\$20,000.00
\$20,000.00	\$20,000.00	\$77,000.00	\$77,000.00	\$45,000.00	\$45,000.00	\$25,000.00	\$25,000.00
	\$689,306.00		\$748,250.97		\$831,694.00		\$857,854.00
\$11,700.00	\$11,700.00	\$31,900.00	\$31,900.00	\$5,200.00	\$5,200.00	\$2,000.00	\$2,000.00
\$0.75	\$18,750.00	\$2.59	\$64,750.00	\$0.40	\$10,000.00	\$0.67	\$16,750.00
\$1.00	\$25,000.00	\$1.43	\$35,750.00	\$0.40	\$10,000.00	\$0.67	\$16,750.00
\$1.00	\$1,570.00	\$5.50	\$8,635.00	\$16.00	\$25,120.00	\$1.00	\$1,570.00
\$1.50	\$2,566.50	\$6.16	\$10,539.76	\$2.00	\$3,422.00	\$4.00	\$6,844.00
\$2.00	\$180.00	\$16.50	\$1,485.00	\$5.00	\$450.00	\$25.00	\$2,250.00
\$87.00	\$435.00	\$550.00	\$2,750.00	\$150.00	\$750.00	\$200.00	\$1,000.00
	\$60,201.50		\$155,809.76		\$54,942.00		\$47,164.00

\$21.00	\$672.00	\$33.00	\$1,056.00	\$105.00	\$3,360.00	\$20.00	\$640.00
\$2,340.00	\$2,340.00	\$16,500.00	\$16,500.00	\$7,400.00	\$7,400.00	\$5,000.00	\$5,000.00
\$52.50	\$2,625.00	\$55.00	\$2,750.00	\$100.00	\$5,000.00	\$60.00	\$3,000.00
\$76.00	\$7,372.00	\$27.50	\$2,667.50	\$144.00	\$13,968.00	\$75.00	\$7,275.00
	\$13,009.00		\$22,973.50		\$29,728.00		\$15,915.00
\$819,067.00	\$1,019,002.93	\$1,065,375.00	\$1,161,578.00				

\$6.00	\$14,004.00	\$24.75	\$57,766.50	\$15.00	\$35,010.00	\$15.00	\$35,010.00
\$114.00	\$265,164.00	\$44.00	\$102,344.00	\$48.00	\$111,648.00	\$30.00	\$69,780.00
\$19.00	\$3,800.00	\$69.49	\$13,898.00	\$15.00	\$3,000.00	\$110.00	\$22,000.00
\$23.00	\$2,300.00	\$44.77	\$4,477.00	\$15.00	\$1,500.00	\$120.00	\$12,000.00
\$27.00	\$28,161.00	\$95.37	\$99,470.91	\$15.00	\$15,645.00	\$130.00	\$135,590.00
\$2.00	\$4,376.00	\$5.50	\$12,034.00	\$1.00	\$2,188.00	\$20.00	\$43,760.00
\$162.00	\$18,468.00	\$247.50	\$28,215.00	\$550.00	\$62,700.00	\$262.00	\$29,868.00
\$23.00	\$19,435.00	\$138.82	\$117,302.90	\$15.00	\$12,675.00	\$140.00	\$118,300.00
\$123.00	\$8,364.00	\$82.50	\$5,610.00	\$100.00	\$6,800.00	\$75.00	\$5,100.00
\$133.00	\$2,128.00	\$60.50	\$968.00	\$65.00	\$1,040.00	\$50.00	\$800.00
	\$366,200.00		\$442,086.31		\$252,206.00		\$472,208.00

\$140.00	\$326,760.00	\$138.60	\$323,492.40	\$180.00	\$420,120.00	\$198.00	\$462,132.00
	\$326,760.00		\$323,492.40		\$420,120.00		\$462,132.00
	\$39,440.00		\$118,593.91		-\$167,914.00		\$10,076.00

\$819,067.00	\$1,019,002.93	\$1,065,375.00	\$1,161,578.00
\$39,440.00	\$118,593.91	-\$167,914.00	\$10,076.00
\$858,507.00	\$1,137,596.84	\$897,461.00	\$1,171,654.00

I hereby certify that the bid tabulations contained herein were prepared by me or under my direct supervision. The individual contractor's Unit Bid Prices and Bid amounts are the actual amounts placed on the Bid Sheet for the bidding process. Any discrepancies in the Unit Bid price and Bid Amounts are noted above.

Signed, Sealed and dated this 2 day of July 2018 by Jeffery L. Robertson, P.E.

