

**Memorandum
Public Works Department**



To: City Manager
Subject: 24th Street Water Tower Retaining Wall Removal and Storm Sewer Improvements - CRI Project No. 2740
Date: February 9, 2021
Number: 2021-022

The Engineering Division opened bids for the above referenced project on Tuesday, February 9, 2021. A copy of the bid tabulation is attached.

The invitation to bid was advertised in the Rock Island Argus on January 6 and 27, 2021 and was also posted on the City website. The following contractors were contacted:

Valley Construction	Langman Construction
Brandt Construction	Laud Construction
Miller Trucking	McKlintock Trucking

The low bid is from Valley Construction Company, Rock Island, IL, in the amount of \$227,338.40, which is lower than the engineer's estimate of \$409,219.00. Valley Construction does have a responsible bidder's application on file.

Recommendation

It is recommended that the City Council award the bid to Valley Construction Company, Rock Island, IL, in the amount of \$227,338.40 and authorize the City Manager to execute the contract documents.

Vendor: Valley Construction Company, Rock Island, IL
Contract Amount: \$227,338.40

Fund:	507	Storm Water Operation and Maintenance
Department:	619	Utilities Maintenance
Cost Center:	348	Collection Maintenance
Object Code:	56311	Storm Water System
Project:	2740	24 th Street Water Tower Retaining Wall Removal and Storm Sewer Improvements

Requisition Number: R008451

Submitted by: Michael T. Bartels, Public Works Director
Michael J. Kane, P.E., City Engineer

Approved by: Randall D. Tweet, City Manager



Bid Tabulation

24TH ST. WATER TOWER RETAINING WALL REMOVAL AND STORM SEWER IMPROVEMENTS

(For complete information covering these pay items, see plans and specifications)

				Engineer's Estimate		Valley Construction Co. 3610 78th Avenue West Rock Island, IL 61201		Miller Trucking & Excavating 3303 John Deere Road Silvis, IL 61282		Langman Construction, Inc. 220 34th Avenue Rock Island, IL 61201		McCarthy Improvement 5401 Victoria Avenue Davenport, IA 52807		Legacy Corporation 16322 Barstow Rd East Moline, IL 61244		Phoenix Corporation PO Box 445 Rapids City, IL 61278	
Item No.	Description	Approx. Quantity	Units	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	TREE REMOVAL, GRUBBING AND DISPOSAL	0.5	ACRE	\$ 30,000.00	\$ 15,000.00	\$ 20,000.00	\$ 10,000.00	\$ 25,000.00	\$ 12,500.00	\$ 57,700.00	\$ 28,850.00	\$ 83,300.00	\$ 41,650.00	\$ 25,000.00	\$ 12,500.00	\$ 30,000.00	\$ 15,000.00
2	EARTH EXCAVATION	1900	CU YD	\$ 50.00	\$ 95,000.00	\$ 15.00	\$ 28,500.00	\$ 15.00	\$ 28,500.00	\$ 11.35	\$ 21,565.00	\$ 30.00	\$ 57,000.00	\$ 33.00	\$ 62,700.00	\$ 35.00	\$ 66,500.00
3	TOPSOIL FURNISH AND PLACE, 4"	1310	SQ YD	\$ 10.00	\$ 13,100.00	\$ 7.75	\$ 10,152.50	\$ 10.00	\$ 13,100.00	\$ 5.00	\$ 6,550.00	\$ 6.00	\$ 7,860.00	\$ 3.50	\$ 4,585.00	\$ 10.25	\$ 13,427.50
4	SEEDING, CLASS 3	0.27	ACRE	\$ 6,000.00	\$ 1,620.00	\$ 7,000.00	\$ 1,890.00	\$ 15,000.00	\$ 4,050.00	\$ 4,000.00	\$ 1,080.00	\$ 6,000.00	\$ 1,620.00	\$ 4,600.00	\$ 1,242.00	\$ 6,100.00	\$ 1,647.00
5	EROSION CONTROL BLANKET	1310.0	SQ YD	\$ 3.00	\$ 3,930.00	\$ 3.00	\$ 3,930.00	\$ 3.50	\$ 4,585.00	\$ 1.80	\$ 2,358.00	\$ 2.00	\$ 2,620.00	\$ 2.10	\$ 2,751.00	\$ 1.75	\$ 2,292.50
6	TURF REINFORCEMENT MAT	344.6	SQ YD	\$ 15.00	\$ 5,169.00	\$ 7.50	\$ 2,584.50	\$ 10.00	\$ 3,446.00	\$ 7.50	\$ 2,584.50	\$ 5.00	\$ 1,723.00	\$ 8.70	\$ 2,998.02	\$ 7.50	\$ 2,584.50
7	SILT FENCE	330	FOOT	\$ 6.00	\$ 1,980.00	\$ 2.25	\$ 742.50	\$ 3.00	\$ 990.00	\$ 3.50	\$ 1,155.00	\$ 5.00	\$ 1,650.00	\$ 4.10	\$ 1,353.00	\$ 6.00	\$ 1,980.00
8	PERIMETER EROSION BARRIER	345	FOOT	\$ 4.00	\$ 1,380.00	\$ 3.50	\$ 1,207.50	\$ 2.50	\$ 862.50	\$ 3.00	\$ 1,035.00	\$ 5.00	\$ 1,725.00	\$ 3.50	\$ 1,207.50	\$ 10.00	\$ 3,450.00
9	STONE RIPRAP, CLASS A4	33.1	SQ YD	\$ 80.00	\$ 2,648.00	\$ 115.00	\$ 3,806.50	\$ 100.00	\$ 3,310.00	\$ 53.00	\$ 1,754.30	\$ 51.25	\$ 1,696.38	\$ 18.50	\$ 612.35	\$ 95.00	\$ 3,144.50
10	FILTER FABRIC	45.0	SQ YD	\$ 20.00	\$ 900.00	\$ 4.50	\$ 202.50	\$ 4.00	\$ 180.00	\$ 4.00	\$ 180.00	\$ 1.65	\$ 74.25	\$ 2.50	\$ 112.50	\$ 2.50	\$ 112.50
11	AGGREGATE BASE COURSE, TYPE B 6"	1139.2	SQ YD	\$ 20.00	\$ 22,784.00	\$ 15.75	\$ 17,942.40	\$ 9.50	\$ 10,822.40	\$ 10.70	\$ 12,189.44	\$ 9.15	\$ 10,423.68	\$ 11.50	\$ 13,100.80	\$ 22.00	\$ 25,062.40
12	PORTLAND CEMENT CONCRETE PAVEMENT, 6"	317.2	SQ YD	\$ 100.00	\$ 31,720.00	\$ 65.00	\$ 20,618.00	\$ 68.00	\$ 21,569.60	\$ 65.00	\$ 20,618.00	\$ 59.25	\$ 18,794.10	\$ 60.70	\$ 19,254.04	\$ 125.00	\$ 39,650.00
13	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	1	EACH	\$ 2,000.00	\$ 2,000.00	\$ 2,100.00	\$ 2,100.00	\$ 1,750.00	\$ 1,750.00	\$ 1,980.00	\$ 1,980.00	\$ 1,850.00	\$ 1,850.00	\$ 3,712.00	\$ 3,712.00	\$ 1,750.00	\$ 1,750.00
14	STORM SEWERS, CLASS A, TYPE 5 30"	114	FOOT	\$ 200.00	\$ 22,800.00	\$ 185.00	\$ 21,090.00	\$ 187.00	\$ 21,318.00	\$ 154.00	\$ 17,556.00	\$ 255.00	\$ 29,070.00	\$ 199.90	\$ 22,788.60	\$ 175.00	\$ 19,950.00
15	GEOCOMPOSITE WALL DRAIN	45.0	SQ YD	\$ 75.00	\$ 3,375.00	\$ 22.00	\$ 990.00	\$ 43.00	\$ 1,935.00	\$ 20.00	\$ 900.00	\$ 20.25	\$ 911.25	\$ 35.80	\$ 1,611.00	\$ 25.00	\$ 1,125.00
16	CONTROLLED LOW-STRENGTH MATERIAL	22.5	CU YD	\$ 150.00	\$ 3,375.00	\$ 310.00	\$ 6,975.00	\$ 160.00	\$ 3,600.00	\$ 165.00	\$ 3,712.50	\$ 210.00	\$ 4,725.00	\$ 156.20	\$ 3,514.50	\$ 700.00	\$ 15,750.00
17	PIPE DRAINS	178.0	FOOT	\$ 55.00	\$ 9,790.00	\$ 36.00	\$ 6,408.00	\$ 55.00	\$ 9,790.00	\$ 10.00	\$ 1,780.00	\$ 63.00	\$ 11,214.00	\$ 27.10	\$ 4,823.80	\$ 130.00	\$ 23,140.00
18	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, OPEN LID	1	EACH	\$ 6,500.00	\$ 6,500.00	\$ 8,450.00	\$ 8,450.00	\$ 10,000.00	\$ 10,000.00	\$ 5,320.00	\$ 5,320.00	\$ 6,150.00	\$ 6,150.00	\$ 7,367.40	\$ 7,367.40	\$ 8,200.00	\$ 8,200.00
19	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	1	EACH	\$ 7,000.00	\$ 7,000.00	\$ 5,400.00	\$ 5,400.00	\$ 10,000.00	\$ 10,000.00	\$ 6,760.00	\$ 6,760.00	\$ 6,150.00	\$ 6,150.00	\$ 7,367.40	\$ 7,367.40	\$ 8,200.00	\$ 8,200.00
20	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	1	EACH	\$ 8,000.00	\$ 8,000.00	\$ 9,000.00	\$ 9,000.00	\$ 8,500.00	\$ 8,500.00	\$ 8,800.00	\$ 8,800.00	\$ 8,650.00	\$ 8,650.00	\$ 11,681.60	\$ 11,681.60	\$ 8,500.00	\$ 8,500.00
21	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	100	FOOT	\$ 50.00	\$ 5,000.00	\$ 92.00	\$ 9,200.00	\$ 105.00	\$ 10,500.00	\$ 60.00	\$ 6,000.00	\$ 92.00	\$ 9,200.00	\$ 105.80	\$ 10,580.00	\$ 115.00	\$ 11,500.00
22	PAINT PAVEMENT MARKING - LINE 4"	252	FOOT	\$ 4.00	\$ 1,008.00	\$ 2.00	\$ 504.00	\$ 2.50	\$ 630.00	\$ 1.00	\$ 252.00	\$ 5.00	\$ 1,260.00	\$ 6.90	\$ 1,738.80	\$ 18.00	\$ 4,536.00
23	CURB CUT	26	FOOT	\$ 60.00	\$ 1,560.00	\$ 35.00	\$ 910.00	\$ 15.00	\$ 390.00	\$ 25.00	\$ 650.00	\$ 74.00	\$ 1,924.00	\$ 17.20	\$ 447.20	\$ 80.00	\$ 2,080.00
24	TREE, LIRIODENDRON TULIPIFERA (TULIP TREE), 2" CALIPER, BALLED AND BURLAPPED	4	EACH	\$ 1,000.00	\$ 4,000.00	\$ 1,000.00	\$ 4,000.00	\$ 1,000.00	\$ 4,000.00	\$ 400.00	\$ 1,600.00	\$ 600.00	\$ 2,400.00	\$ 460.00	\$ 1,840.00	\$ 850.00	\$ 3,400.00
25	CONSTRUCTION ENTRANCE	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 1,875.00	\$ 1,875.00	\$ 3,000.00	\$ 3,000.00	\$ 1,700.00	\$ 1,700.00	\$ 2,550.00	\$ 2,550.00	\$ 4,242.00	\$ 4,242.00	\$ 7,500.00	\$ 7,500.00
26	REMOVALS	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,450.00	\$ 5,450.00	\$ 8,500.00	\$ 8,500.00	\$ 20,000.00	\$ 20,000.00	\$ 3,800.00	\$ 3,800.00	\$ 44,200.00	\$ 44,200.00	\$ 28,500.00	\$ 28,500.00
27	STORM SEWERS, SDR21, 8"	48	FOOT	\$ 85.00	\$ 4,080.00	\$ 170.00	\$ 8,160.00	\$ 140.00	\$ 6,720.00	\$ 65.00	\$ 3,120.00	\$ 150.00	\$ 7,200.00	\$ 81.20	\$ 3,897.60	\$ 140.00	\$ 6,720.00
28	TEMPORARY DRAINAGE	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 500.00	\$ 500.00	\$ 7,500.00	\$ 7,500.00	\$ 200.00	\$ 200.00	\$ 900.00	\$ 900.00	\$ 5,500.00	\$ 5,500.00	\$ 33,682.10	\$ 33,682.10
29	ACCESS GATE	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$ 2,500.00	\$ 4,500.00	\$ 4,500.00	\$ 7,000.00	\$ 7,000.00
30	RETAINING WALL MODIFICATIONS	1	LS	\$ 60,000.00	\$ 60,000.00	\$ 7,250.00	\$ 7,250.00	\$ 22,500.00	\$ 22,500.00	\$ 15,000.00	\$ 15,000.00	\$ 15,500.00	\$ 15,500.00	\$ 58,343.00	\$ 58,343.00	\$ 33,762.00	\$ 33,762.00
31	TRAFFIC CONTROL AND PROTECTION	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 25,000.00	\$ 25,000.00	\$ 2,500.00	\$ 2,500.00	\$ 48,000.00	\$ 48,000.00	\$ 42,000.00	\$ 42,000.00	\$ 4,025.00	\$ 4,025.00	\$ 14,500.00	\$ 14,500.00
Bidder's Base Proposal:				\$	409,219.00	\$	227,338.40	\$	239,548.50	\$	245,249.74	\$	304,790.66	\$	324,596.11	\$	414,646.00