



STAFF REPORT

DATE: May 8, 2023

TO: Ty Lasher, City Manager

FROM: Anne Stephens, PE, City Engineer

RE: Cedar Pass Water and Storm Water Bids

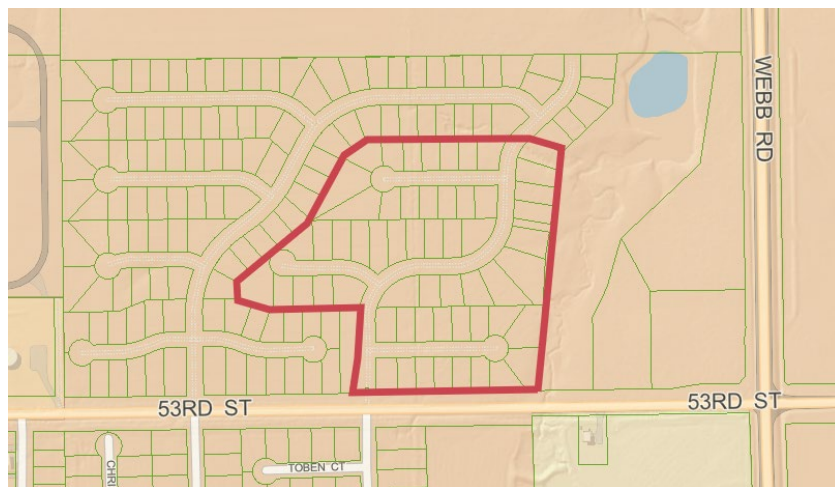
BACKGROUND:

The Developer of Cedar Pass is ready to move forward with the construction of the Water and Storm Sewer Improvements to support new homes in the subdivision.

DISCUSSION:

Garver worked with the Developer to design the water and storm sewer improvements for Cedar Pass. Bids were accepted on May 4th for the project. Three contractors responded to the solicitation.

Contractor	Total Bid
Engineer's Estimate	\$1,264,124.75
Apex	\$1,200,314.92
Mies	\$1,105,761.87
Nowak	\$1,049,176.90



FINANCIAL CONSIDERATIONS: The cost of the improvements for these projects will be financed through a bond and spread as special assessments against the benefiting lots.

POLICY DECISION: Staff adhered to the purchasing policy in gathering a minimum of three bids for the project.

RECOMENDATION: Staff recommends that the City Council accept the bid from Nowak for \$1,049,176.90.

CEDAR PASS ADDITION - PHASE 1 SWD & WATER BID RESULTS, MAY 4TH, 2023, 10:00 AM																	
				Engineers Estimate		Contractor		Apex		Contractor		Mies		Contractor		Nowak	
	Water Project	Quantity	Unit	Extension	Total	Extension	Total	Extension	Total	Extension	Total	Extension	Total	Extension	Total	Extension	Total
1	Site Clearing	1	LS	\$ 27,500.00	\$ 27,500.00	\$ 13,230.00	\$ 13,230.00	\$ 25.00	\$ 25.00	\$ 25.00	\$ 25.00	\$ 604.00	\$ 604.00				
2	Site Restoration	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 100.00	\$ 100.00	\$ 25.00	\$ 25.00	\$ 25.00	\$ 25.00	\$ 100.50	\$ 100.50				
3	Maintain Existing BMPs	1	LS	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 100.50	\$ 100.50				
4	Connect to Existing Water Main (16")	1	ea	\$ 7,000.00	\$ 7,000.00	\$ 6,210.00	\$ 6,210.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 4,830.00	\$ 4,830.00				
5	Directional Drill 53rd Street North	50	lf	\$ 200.00	\$ 10,000.00	\$ 150.00	\$ 7,500.00	\$ 95.00	\$ 4,750.00	\$ 4,750.00	\$ 4,750.00	\$ 62.40	\$ 3,120.00				
6	Pipe, WL 8"	3451	lf	\$ 55.00	\$ 189,805.00	\$ 40.00	\$ 138,040.00	\$ 37.00	\$ 127,687.00	\$ 127,687.00	\$ 127,687.00	\$ 41.45	\$ 143,043.95				
7	Pipe, WL 8" RJ	50	lf	\$ 200.00	\$ 10,000.00	\$ 45.00	\$ 2,250.00	\$ 43.00	\$ 2,150.00	\$ 2,150.00	\$ 2,150.00	\$ 52.35	\$ 2,617.50				
8	Sand Backfill, Jet, & Vibrate	224	lf	\$ 50.00	\$ 11,200.00	\$ 5.00	\$ 1,120.00	\$ 8.00	\$ 1,792.00	\$ 1,792.00	\$ 1,792.00	\$ 8.55	\$ 1,915.20				
9	Fire Hydrant Assembly	4	ea	\$ 5,500.00	\$ 22,000.00	\$ 5,510.00	\$ 22,040.00	\$ 5,500.00	\$ 22,000.00	\$ 22,000.00	\$ 22,000.00	\$ 5,030.00	\$ 20,120.00				
10	Valve Assembly, 8"	9	ea	\$ 2,200.00	\$ 19,800.00	\$ 2,115.00	\$ 19,035.00	\$ 1,900.00	\$ 17,100.00	\$ 17,100.00	\$ 17,100.00	\$ 1,865.00	\$ 16,785.00				
11	Valve Assembly, Anchored 8", Special	1	ea	\$ 2,500.00	\$ 2,500.00	\$ 2,195.00	\$ 2,195.00	\$ 1,975.00	\$ 1,975.00	\$ 1,975.00	\$ 1,975.00	\$ 2,215.00	\$ 2,215.00				
12	Valve Assembly, Blowoff	4	ea	\$ 1,400.00	\$ 5,600.00	\$ 1,305.00	\$ 5,220.00	\$ 1,715.00	\$ 6,860.00	\$ 6,860.00	\$ 6,860.00	\$ 1,535.00	\$ 6,140.00				
13	Seeding, Temporary	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 604.00	\$ 604.00				
14	Locate & Report on Utilities - North Side 53rd St. North	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 4,275.00	\$ 4,275.00	\$ 760.00	\$ 760.00	\$ 760.00	\$ 760.00	\$ 604.00	\$ 604.00				
15	Contractor Provided Testing	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 4,675.00	\$ 4,675.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 1,610.00	\$ 1,610.00				
				Water Total	\$ 318,905.00	Water Total	\$ 227,890.00	Water Total	\$ 195,625.00	Water Total	\$ 195,625.00	Water Total	\$ 204,409.65				
	SWD Project																
16	Site Clearing	1	LS	\$25,000.00	\$ 25,000.00	\$ 33,581.00	\$ 33,581.00	\$ 20,785.00	\$ 20,785.00	\$ 20,785.00	\$ 20,785.00	\$ 34,300.00	\$ 34,300.00				
17	Site Restoration	1	LS	\$5,000.00	\$ 5,000.00	\$ 3,500.00	\$ 3,500.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 3,625.00	\$ 3,625.00				
18	BMP, Curb Inlet Protection	7	ea	\$350.00	\$ 2,450.00	\$ 85.00	\$ 595.00	\$ 85.00	\$ 595.00	\$ 595.00	\$ 595.00	\$ 86.25	\$ 603.75				
19	BMP, Drop Inlet Protection	14	ea	\$120.00	\$ 1,680.00	\$ 85.00	\$ 1,190.00	\$ 85.00	\$ 1,190.00	\$ 1,190.00	\$ 1,190.00	\$ 86.25	\$ 1,207.50				
20	BMP, Erosion Control Mat	18784	sy	\$2.00	\$ 37,568.00	\$ 1.68	\$ 31,557.12	\$ 1.68	\$ 31,557.12	\$ 31,557.12	\$ 31,557.12	\$ 1.70	\$ 31,932.80				
21	BMP, Erosion Control Blanket	200	sy	\$5.00	\$ 1,000.00	\$ 3.00	\$ 600.00	\$ 3.00	\$ 600.00	\$ 600.00	\$ 600.00	\$ 3.50	\$ 700.00				
22	BMP, Silt Fence	705	lf	\$1.90	\$ 1,339.50	\$ 1.75	\$ 1,233.75	\$ 1.75	\$ 1,233.75	\$ 1,233.75	\$ 1,233.75	\$ 1.85	\$ 1,304.25				
23	Maintain Existing BMPs	1	LS	\$3,000.00	\$ 3,000.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 604.00	\$ 604.00				
24	Excavation	69205	cy	\$2.75	\$ 190,313.75	\$ 1.75	\$ 121,108.75	\$ 2.25	\$ 155,711.25	\$ 155,711.25	\$ 155,711.25	\$ 1.75	\$ 121,108.75				
25	Fill, Compacted (95% Density)	64979	cy	\$1.00	\$ 64,979.00	\$ 0.40	\$ 25,991.60	\$ 0.40	\$ 25,991.60	\$ 25,991.60	\$ 25,991.60	\$ 0.40	\$ 25,991.60				
26	Fill, Sand (Flushed & Vibrated)	166	lf	\$12.00	\$ 1,992.00	\$ 1.00	\$ 166.00	\$ 15.00	\$ 2,490.00	\$ 2,490.00	\$ 2,490.00	\$ 14.55	\$ 2,415.30				
27	Testing - 95% Compaction - Lots	1	LS	\$5,000.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,615.00	\$ 2,615.00				
28	Testing - 95% Compaction - R/W	1	LS	\$2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,615.00	\$ 2,615.00				
29	Testing - SWS	1	LS	\$2,500.00	\$ 2,500.00	\$ 4,935.00	\$ 4,935.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 4,630.00	\$ 4,630.00				
30	Pond Liner	8116	cy	\$5.00	\$ 40,580.00	\$ 3.70	\$ 30,029.20	\$ 3.90	\$ 31,652.40	\$ 31,652.40	\$ 31,652.40	\$ 3.75	\$ 30,435.00				
31	Manipulation of Existing Soil (Pond)	1225	cy	\$2.50	\$ 3,062.50	\$ 1.70	\$ 2,082.50	\$ 1.00	\$ 1,225.00	\$ 1,225.00	\$ 1,225.00	\$ 1.75	\$ 2,143.75				
32	Rip-Rap, Light Stone	123	sy	\$80.00	\$ 9,840.00	\$ 90.00	\$ 11,070.00	\$ 56.50	\$ 6,949.50	\$ 6,949.50	\$ 6,949.50	\$ 40.90	\$ 5,030.70				
33	Rip-Rap, Heavy Stone	259	sy	\$120.00	\$ 31,080.00	\$ 95.00	\$ 24,605.00	\$ 62.75	\$ 16,252.25	\$ 16,252.25	\$ 16,252.25	\$ 55.15	\$ 14,283.85				
34	Concrete Weir	1	LS	\$25,000.00	\$ 25,000.00	\$ 32,870.00	\$ 32,870.00	\$ 14,575.00	\$ 14,575.00	\$ 14,575.00	\$ 14,575.00	\$ 17,700.00	\$ 17,700.00				
35	Pipe, SWS 12"	172	lf	\$40.00	\$ 6,880.00	\$ 70.00	\$ 12,040.00	\$ 71.00	\$ 12,212.00	\$ 12,212.00	\$ 12,212.00	\$ 55.60	\$ 9,563.20				
36	Pipe, SWS 18"	43	lf	\$42.00	\$ 1,806.00	\$ 75.00	\$ 3,225.00	\$ 48.00	\$ 2,064.00	\$ 2,064.00	\$ 2,064.00	\$ 44.45	\$ 1,911.35				
37	Pipe, SWS 24"	199	lf	\$50.00	\$ 9,950.00	\$ 80.00	\$ 15,920.00	\$ 63.00	\$ 12,537.00	\$ 12,537.00	\$ 12,537.00	\$ 55.60	\$ 11,064.40				
38	Pipe, SWS 30"	829	lf	\$80.00	\$ 66,320.00	\$ 85.00	\$ 70,465.00	\$ 74.00	\$ 61,346.00	\$ 61,346.00	\$ 61,346.00	\$ 68.45	\$ 56,745.05				
39	Pipe, SWS 36"	2028	lf	\$88.00	\$ 178,464.00	\$ 125.00	\$ 253,500.00	\$ 105.00	\$ 212,940.00	\$ 212,940.00	\$ 212,940.00	\$ 94.00	\$ 190,632.00				
40	Pipe, SWS 42"	623	lf	\$115.00	\$ 71,645.00	\$ 150.00	\$ 93,450.00	\$ 147.00	\$ 91,581.00	\$ 91,581.00	\$ 91,581.00	\$ 133.50	\$ 83,170.50				
41	Pipe, SWS 48"	231	lf	\$150.00	\$ 34,650.00	\$ 175.00	\$ 40,425.00	\$ 178.00	\$ 41,118.00	\$ 41,118.00	\$ 41,118.00	\$ 164.50	\$ 37,999.50				
42	Brick Plug (30")	2	ea	\$500.00	\$ 1,000.00	\$ 755.00	\$ 1,510.00	\$ 340.00	\$ 680.00	\$ 680.00	\$ 680.00	\$ 1,105.00	\$ 2,210.00				
43	Inlet, Curb (Type 1A) (L=10' W=3')	6	ea	\$5,500.00	\$ 33,000.00	\$ 5,150.00	\$ 30,900.00	\$ 5,150.00	\$ 30,900.00	\$ 30,900.00	\$ 30,900.00	\$ 5,350.00	\$ 32,100.00				
44	Inlet, Curb (Type 1A) (L=10' W=5')	1	ea	\$6,000.00	\$ 6,000.00	\$ 6,690.00	\$ 6,690.00	\$ 5,900.00	\$ 5,900.00	\$ 5,900.00	\$ 5,900.00	\$ 6,140.00	\$ 6,140.00				
45	Backyard Inlet (D=6')	11	ea	\$4,800.00	\$ 52,800.00	\$ 4,715.00	\$ 51,865.00	\$ 4,650.00	\$ 51,150.00	\$ 51,150.00	\$ 51,150.00	\$ 4,435.00	\$ 48,785.00				
46	Backyard Inlet (D=5')	4	ea	\$4,400.00	\$ 17,600.00	\$ 3,955.00	\$ 15,820.00	\$ 3,850.00	\$ 15,400.00	\$ 15,400.00	\$ 15,400.00	\$ 3,700.00	\$ 14,800.00				
47	Seeding	1	LS	\$11,220.00	\$ 11,220.00	\$ 46,000.00	\$ 46,000.00	\$ 46,000.00	\$ 46,000.00	\$ 46,000.00	\$ 46,000.00	\$ 46,400.00	\$ 46,400.00				
				SWD Total	\$ 945,219.75	SWD Total	\$ 972,424.92	SWD Total	\$ 910,136.87	SWD Total	\$ 910,136.87	SWD Total	\$ 844,767.25				
				Project Total	\$ 1,264,124.75	Project Total	\$ 1,200,314.92	Project Total	\$ 1,105,761.87	Project Total	\$ 1,105,761.87	Project Total	\$ 1,049,176.90				

Low Bid