

Attachment C

Project

Arroyo Seco MP 4.2 Slip-Out Repairs
Project No. 723207

Bid Opening

Date **September 1, 2023**

Time **2:00 p.m.**

Item No.	Item Code	F S	Description	Unit	Quantity	Engineer's Estimate		Rank 1		Rank 2		Rank 3	
						Unit Price	Item Total	Graniterock Company	Papich Construction	Teichert Construction			
1	66999		CONSTRUCTION STAKING	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00	\$ 12,500.00	\$ 12,500.00	\$ 63,000.00	\$ 63,000.00
2	120090		CONSTRUCTION AREA SIGNS	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 3,000.00	\$ 3,000.00	\$ 9,700.00	\$ 9,700.00	\$ 24,250.00	\$ 24,250.00
3	120100		TRAFFIC CONTROL SYSTEM	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 71,140.00	\$ 71,140.00	\$172,675.00	\$172,675.00	\$370,000.00	\$370,000.00
4	120120		TYPE III BARRICADE	EA	4	\$ 180.00	\$ 720.00	\$ 200.00	\$ 800.00	\$ 325.00	\$ 1,300.00	\$ 175.00	\$ 700.00
5	120149		TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	33	\$ 25.00	\$ 825.00	\$ 90.00	\$ 2,970.00	\$ 90.00	\$ 2,970.00	\$ 144.00	\$ 4,752.00
6	120165		CHANNELIZER (SURFACE MOUNTED)	EA	74	\$ 70.00	\$ 5,180.00	\$ 50.00	\$ 3,700.00	\$ 145.00	\$ 10,730.00	\$ 44.00	\$ 3,256.00
7	129000		TEMPORARY RAILING (TYPE K)	LF	280	\$ 90.00	\$ 25,200.00	\$ 108.00	\$ 30,240.00	\$ 84.35	\$ 23,618.00	\$ 240.00	\$ 67,200.00
8	129110		TEMPORARY CRASH CUSHION	EA	2	\$ 3,300.00	\$ 6,600.00	\$ 3,500.00	\$ 7,000.00	\$ 9,450.00	\$ 18,900.00	\$ 11,000.00	\$ 22,000.00
9	130100		JOB SITE MANAGEMENT	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 24,250.00	\$ 24,250.00	\$ 37,050.00	\$ 37,050.00	\$628,000.00	\$628,000.00
10	130200		PREPARE WATER POLLUTION CONTROL PROGRAM	LS	1	\$ 1,200.00	\$ 1,200.00	\$ 1,500.00	\$ 1,500.00	\$ 1,800.00	\$ 1,800.00	\$ 22,546.00	\$ 22,546.00
11	130710		TEMPORARY CONSTRUCTION ENTRANCE	EA	2	\$ 5,000.00	\$ 10,000.00	\$ 6,900.00	\$ 13,800.00	\$ 8,775.00	\$ 17,550.00	\$ 13,200.00	\$ 26,400.00
12	130900		TEMPORARY CONCRETE WASHOUT	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 3,650.00	\$ 3,650.00	\$ 12,425.00	\$ 12,425.00	\$ 42,000.00	\$ 42,000.00
13	170103		CLEARING AND GRUBBING (LS)	LS	1	\$ 7,500.00	\$ 7,500.00	\$ 11,500.00	\$ 11,500.00	\$ 31,933.00	\$ 31,933.00	\$ 86,000.00	\$ 86,000.00
14	190101		ROADWAY EXCAVATION	CY	220	\$ 200.00	\$ 44,000.00	\$ 408.00	\$ 89,760.00	\$ 577.25	\$126,995.00	\$ 470.00	\$103,400.00
15	192037	F	STRUCTURE EXCAVATION (RETAINING WALL)	CY	185	\$ 200.00	\$ 37,000.00	\$ 198.00	\$ 36,630.00	\$ 397.80	\$ 73,593.00	\$ 475.00	\$ 87,875.00
16	193013	F	STRUCTURE BACKFILL (RETAINING WALL)	CY	35	\$ 250.00	\$ 8,750.00	\$ 447.00	\$ 15,645.00	\$ 1,155.00	\$ 40,425.00	\$ 1,300.00	\$ 45,500.00
17	193119	F	LEAN CONCRETE BACKFILL	CY	20	\$ 460.00	\$ 9,200.00	\$ 552.00	\$ 11,040.00	\$ 530.00	\$ 10,600.00	\$ 1,520.00	\$ 30,400.00
18	260203		CLASS 2 AGGREGATE BASE (CY)	CY	130	\$ 260.00	\$ 33,800.00	\$ 183.00	\$ 23,790.00	\$ 345.00	\$ 44,850.00	\$ 600.00	\$ 78,000.00
19	260204		TEMPORARY CLASS 2 AGGREGATE BASE (CY)	CY	12	\$ 270.00	\$ 3,240.00	\$ 580.00	\$ 6,960.00	\$ 1,440.00	\$ 17,280.00	\$ 1,550.00	\$ 18,600.00
20	390132		HOT MIX ASPHALT (TYPE A)	TON	180	\$ 500.00	\$ 90,000.00	\$ 304.00	\$ 54,720.00	\$ 528.30	\$ 95,094.00	\$ 670.00	\$120,600.00
21	460210		GROUND ANCHOR (SUBHORIZONTAL)	EA	18	\$ 8,500.00	\$153,000.00	\$ 17,914.00	\$322,452.00	\$ 6,890.00	\$124,020.00	\$ 11,250.00	\$202,500.00
22	490604		30" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	440	\$ 600.00	\$264,000.00	\$ 305.00	\$134,200.00	\$ 291.00	\$128,040.00	\$ 345.00	\$151,800.00
23	490681		30" CAST-IN-DRILLED-HOLE CONCRETE PILING (ROCK SOCKET)	LF	600	\$ 900.00	\$540,000.00	\$ 579.00	\$347,400.00	\$ 520.00	\$312,000.00	\$ 715.00	\$429,000.00
24	510060	F	STRUCTURAL CONCRETE, RETAINING WALL	CY	113	\$ 1,700.00	\$192,100.00	\$ 1,574.00	\$177,862.00	\$ 2,170.00	\$245,210.00	\$ 1,950.00	\$220,350.00
25	520103	F	BAR REINFORCING STEEL (RETAINING WALL)	LB	61,840	\$ 1.50	\$ 92,760.00	\$ 2.70	\$166,968.00	\$ 1.30	\$ 80,392.00	\$ 4.00	\$247,360.00
26	600130		RETAINING WALL REMOVAL (PORTION)	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 6,500.00	\$ 6,500.00	\$ 19,780.00	\$ 19,780.00	\$ 58,000.00	\$ 58,000.00
27	731510		MINOR CONCRETE (CURB, GUTTER, SIDEWALK AND DRIVEWAY)	CY	2	\$ 1,800.00	\$ 3,600.00	\$ 2,000.00	\$ 4,000.00	\$ 3,400.00	\$ 6,800.00	\$ 7,800.00	\$ 15,600.00
28	750502	F	MISCELLANEOUS METAL (RETAINING WALL)	LB	200	\$ 2.00	\$ 400.00	\$ 127.00	\$ 25,400.00	\$ 50.00	\$ 10,000.00	\$ 178.00	\$ 35,600.00
29	568056		REMOVE ROADSIDE SIGN	EA	1	\$ 320.00	\$ 320.00	\$ 150.00	\$ 150.00	\$ 250.00	\$ 250.00	\$ 2,250.00	\$ 2,250.00
30	665010		RELOCATE ROADSIDE SIGN	EA	1	\$ 450.00	\$ 450.00	\$ 225.00	\$ 225.00	\$ 250.00	\$ 250.00	\$ 2,250.00	\$ 2,250.00
31	665048		TRANSITION RAILING (TYPE WB-31)	EA	1	\$ 5,500.00	\$ 5,500.00	\$ 12,900.00	\$ 12,900.00	\$ 6,500.00	\$ 6,500.00	\$ 21,000.00	\$ 21,000.00
32	680902		ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 11,000.00	\$ 11,000.00	\$ 9,500.00	\$ 9,500.00	\$ 18,000.00	\$ 18,000.00
33	680903	F	CONCRETE BARRIER (TYPE 836 MODIFIED)	LF	178	\$ 300.00	\$ 53,400.00	\$ 450.00	\$ 80,100.00	\$ 916.50	\$163,137.00	\$ 450.00	\$ 80,100.00
34	703776		THERMOPLASTIC TRAFFIC STRIPE	LF	680	\$ 10.00	\$ 6,800.00	\$ 8.50	\$ 5,780.00	\$ 8.50	\$ 5,780.00	\$ 14.00	\$ 9,520.00
35	710134		REMOVE PAVEMENT MARKING	SQFT	70	\$ 20.00	\$ 1,400.00	\$ 12.00	\$ 840.00	\$ 12.00	\$ 840.00	\$ 20.00	\$ 1,400.00
36	710138		MOBILIZATION	LS	1	\$170,894.50	\$170,894.50	\$148,000.00	\$148,000.00	\$385,978.00	\$385,978.00	\$340,000.00	\$340,000.00


Engineer's Estimate \$ 1,879,839.50 \$ 1,875,872.00 \$ 2,260,465.00 \$ 3,679,209.00


(+/-) over/under

-0.2%

20.2%

95.7%


Prepared by: Victor Gutierrez


Checked by: Jesus Guico

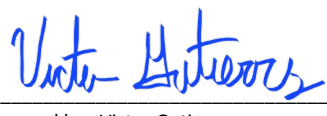
Project

Arroyo Seco Rd MP 2.5 Storm Damages
Repairs
Project No. 723205

Bid Opening

Date August 28, 2023
Time 1:00 p.m.

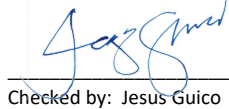
Item No.	Item Code	F S	Description	Unit	Quantity	Engineer's Estimate		Rank 1		Rank 2		Rank 3	
						Unit Price	Item Total	Graniterock Company	Papich Construction	Teichert Construction			
1	66999		CONSTRUCTION STAKING	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 17,500.00	\$ 17,500.00	\$ 78,000.00	\$ 78,000.00
2	120090		CONSTRUCTION AREA SIGNS	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 4,100.00	\$ 4,100.00	\$ 6,735.00	\$ 6,735.00	\$ 9,000.00	\$ 9,000.00
3	120100		TRAFFIC CONTROL SYSTEM	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 48,800.00	\$ 48,800.00	\$ 24,660.00	\$ 24,660.00	\$260,000.00	\$ 260,000.00
4	120120		TYPE III BARRICADE	EA	4	\$ 230.00	\$ 920.00	\$ 125.00	\$ 500.00	\$ 385.00	\$ 1,540.00	\$ 400.00	\$ 1,600.00
5	129000		TEMPORARY RAILING (TYPE K)	LF	460	\$ 50.00	\$ 23,000.00	\$ 65.00	\$ 29,900.00	\$ 67.00	\$ 30,820.00	\$ 95.00	\$ 43,700.00
6	129090		TEMPORARY ALTERNATIVE CRASH CUSHION	EA	8	\$ 1,500.00	\$ 12,000.00	\$ 3,500.00	\$ 28,000.00	\$ 8,265.00	\$ 66,120.00	\$ 8,000.00	\$ 64,000.00
7	130100		JOB SITE MANAGEMENT	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 28,125.00	\$ 28,125.00	\$ 41,665.00	\$ 41,665.00	\$168,000.00	\$ 168,000.00
8	130200		PREPARE WATER POLLUTION CONTROL PROGRAM	LS	1	\$ 3,000.00	\$ 3,000.00	\$ 1,500.00	\$ 1,500.00	\$ 12,600.00	\$ 12,600.00	\$ 3,000.00	\$ 3,000.00
9	130680		TEMPORARY SILT FENCE	LF	515	\$ 8.00	\$ 4,120.00	\$ 13.50	\$ 6,952.50	\$ 12.55	\$ 6,463.25	\$ 13.00	\$ 6,695.00
10	130710		TEMPORARY CONSTRUCTION ENTRANCE	EA	2	\$ 5,000.00	\$ 10,000.00	\$ 4,500.00	\$ 9,000.00	\$ 5,945.00	\$ 11,890.00	\$ 9,400.00	\$ 18,800.00
11	130900		TEMPORARY CONCRETE WASHOUT	LS	1	\$ 2,500.00	\$ 2,500.00	\$ 1,200.00	\$ 1,200.00	\$ 11,740.00	\$ 11,740.00	\$ 16,599.00	\$ 16,599.00
12	160110		TEMPORARY HIGH-VISIBILITY FENCE	LF	515	\$ 8.00	\$ 4,120.00	\$ 15.00	\$ 7,725.00	\$ 14.40	\$ 7,416.00	\$ 14.00	\$ 7,210.00
13	170103		CLEARING AND GRUBBING (LS)	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 58,500.00	\$ 58,500.00	\$ 68,425.00	\$ 68,425.00	\$106,000.00	\$ 106,000.00
14	190101		ROADWAY EXCAVATION	CY	4,350	\$ 150.00	\$652,500.00	\$ 136.00	\$ 591,600.00	\$ 136.68	\$ 594,558.00	\$ 106.00	\$ 461,100.00
15	192001	F	STRUCTURE EXCAVATION	CY	45	\$ 410.00	\$ 18,450.00	\$ 164.00	\$ 7,380.00	\$ 387.95	\$ 17,457.75	\$ 1,300.00	\$ 58,500.00
16	193001	F	STRUCTURE BACKFILL	CY	30	\$ 400.00	\$ 12,000.00	\$ 524.00	\$ 15,720.00	\$ 592.85	\$ 17,785.50	\$ 1,600.00	\$ 48,000.00
17	193119	F	LEAN CONCRETE BACKFILL	CY	630	\$ 500.00	\$315,000.00	\$ 341.00	\$ 214,830.00	\$ 528.65	\$ 333,049.50	\$ 990.00	\$ 623,700.00
18	198010		IMPORTED BORROW (CY)	CY	1,450	\$ 200.00	\$290,000.00	\$ 120.00	\$ 174,000.00	\$ 165.60	\$ 240,120.00	\$ 98.00	\$ 142,100.00
19	208688		PVC PIPE CONDUIT	LF	50	\$ 200.00	\$ 10,000.00	\$ 71.00	\$ 3,550.00	\$ 125.00	\$ 6,250.00	\$ 210.00	\$ 10,500.00
20	210350		FIBER ROLLS	LF	2,200	\$ 8.00	\$ 17,600.00	\$ 8.00	\$ 17,600.00	\$ 9.31	\$ 20,482.00	\$ 8.00	\$ 17,600.00
21	210430		HYDROSEED	SQFT	17,000	\$ 3.00	\$ 51,000.00	\$ 0.65	\$ 11,050.00	\$ 0.35	\$ 5,950.00	\$ 0.30	\$ 5,100.00
22	260203		CLASS 2 AGGREGATE BASE (CY)	CY	145	\$ 200.00	\$ 29,000.00	\$ 185.00	\$ 26,825.00	\$ 275.00	\$ 39,875.00	\$ 245.00	\$ 35,525.00
23	260204		TEMPORARY CLASS 2 AGGREGATE BASE (CY)	CY	125	\$ 220.00	\$ 27,500.00	\$ 185.00	\$ 23,125.00	\$ 433.00	\$ 54,125.00	\$ 185.00	\$ 23,125.00
24	390132		HOT MIX ASPHALT (TYPE A)	TON	195	\$ 250.00	\$ 48,750.00	\$ 231.00	\$ 45,045.00	\$ 336.00	\$ 65,520.00	\$ 340.00	\$ 66,300.00
25	477020	F	MECHANICALLY STABILIZED EMBANKMENT	SQFT	1,516	\$ 90.00	\$136,440.00	\$ 143.50	\$ 217,546.00	\$ 209.00	\$ 316,844.00	\$ 320.00	\$ 485,120.00
26	480600		TEMPORARY SHORING	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 6,000.00	\$ 6,000.00	\$ 48,000.00	\$ 48,000.00	\$156,000.00	\$ 156,000.00
27	510092	F	STRUCTURAL CONCRETE, HEADWALL	CY	12	\$ 3,000.00	\$ 36,000.00	\$ 5,360.00	\$ 64,320.00	\$ 10,375.00	\$ 124,500.00	\$ 12,700.00	\$ 152,400.00
28	520101	F	BAR REINFORCING STEEL	LB	2,365	\$ 2.00	\$ 4,730.00	\$ 4.00	\$ 9,460.00	\$ 5.00	\$ 11,825.00	\$ 80.00	\$ 189,200.00
29	568056		RELOCATE SIGN STRUCTURE	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 900.00	\$ 900.00	\$ 2,135.00	\$ 2,135.00	\$ 2,200.00	\$ 2,200.00
30	665010		12" CORRUGATED STEEL PIPE	LF	6	\$ 160.00	\$ 960.00	\$ 332.00	\$ 1,992.00	\$ 305.00	\$ 1,830.00	\$ 1,100.00	\$ 6,600.00
31	665048		48" CORRUGATED STEEL PIPE (.138" THICK)	LF	243	\$ 600.00	\$145,800.00	\$ 534.00	\$ 129,762.00	\$ 341.00	\$ 82,863.00	\$ 555.00	\$ 134,865.00
32	680902		6" PERFORATED PLASTIC PIPE UNDERDRAIN	LF	80	\$ 75.00	\$ 6,000.00	\$ 323.00	\$ 25,840.00	\$ 226.00	\$ 18,080.00	\$ 160.00	\$ 12,800.00
33	680903		6" NON-PERFORATED PLASTIC PIPE UNDERDRAIN	LF	95	\$ 60.00	\$ 5,700.00	\$ 223.00	\$ 21,185.00	\$ 245.00	\$ 23,275.00	\$ 65.00	\$ 6,175.00
34	703776		GALVANIZED DEBRIS BOLLARD	EA	11	\$ 1,800.00	\$ 19,800.00	\$ 1,800.00	\$ 19,800.00	\$ 3,355.00	\$ 36,905.00	\$ 1,200.00	\$ 13,200.00
35	710134		REMOVE PIPE (EA)	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 300.00	\$ 300.00	\$ 4,040.00	\$ 4,040.00	\$ 1,000.00	\$ 1,000.00
36	710138		REMOVE DOWNDRAIN (EA)	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 1,400.00	\$ 1,400.00	\$ 2,490.00	\$ 2,490.00	\$ 4,800.00	\$ 4,800.00
37	721431		CONCRETE (CONCRETE APRON)	CY	8	\$ 1,500.00	\$ 12,000.00	\$ 3,450.00	\$ 27,600.00	\$ 5,145.00	\$ 41,160.00	\$ 3,500.00	\$ 28,000.00
38	723050		ROCK SLOPE PROTECTION (1/4 T, CLASS V, METHOD B) (CY)	CY	90	\$ 300.00	\$ 27,000.00	\$ 385.00	\$ 34,650.00	\$ 405.00	\$ 36,450.00	\$ 490.00	\$ 44,100.00
39	723095		ROCK SLOPE PROTECTION (20 LB, CLASS I, METHOD B) (CY)	CY	50	\$ 250.00	\$ 12,500.00	\$ 335.00	\$ 16,750.00	\$ 435.00	\$ 21,750.00	\$ 900.00	\$ 45,000.00
40	723116		GRAVEL FILTER	CY	20	\$ 200.00	\$ 4,000.00	\$ 570.00	\$ 11,400.00	\$ 610.00	\$ 12,200.00	\$ 645.00	\$ 12,900.00
41	730010		MINOR CONCRETE (CURB) (LF)	LF	245	\$ 80.00	\$ 19,600.00	\$ 105.00	\$ 25,725.00	\$ 100.00	\$ 24,500.00	\$ 140.00	\$ 34,300.00
42	731504		MINOR CONCRETE (CURB AND GUTTER)	CY	3	\$ 1,000.00	\$ 3,000.00	\$ 7,360.00	\$ 22,080.00	\$ 3,350.00	\$ 10,050.00	\$ 7,500.00	\$ 22,500.00
43	731840		REMOVE CONCRETE (CURB AND GUTTER)	LF	240	\$ 75.00	\$ 18,000.00	\$ 22.00	\$ 5,280.00	\$ 25.65	\$ 6,156.00	\$ 40.00	\$ 9,600.00
44	810200		TEMPORARY DELINEATOR (CLASS 1)	EA	11	\$ 55.00	\$ 605.00	\$ 65.00	\$ 715.00	\$ 100.00	\$ 1,100.00	\$ 40.00	\$ 440.00
45	820250		REMOVE ROADSIDE SIGN	EA	4	\$ 250.00	\$ 1,000.00	\$ 70.00	\$ 280.00	\$ 220.00	\$ 880.00	\$ 240.00	\$ 960.00
46	839759	F	SALVAGE CONCRETE BARRIER (TYPE K)	LF	100	\$ 25.00	\$ 2,500.00	\$ 65.00	\$ 6,500.00	\$ 54.75	\$ 5,475.00	\$ 100.00	\$ 10,000.00
47	840501		THERMOPLASTIC TRAFFIC STRIPE	LF	630	\$ 12.00	\$ 7,560.00	\$ 14.00	\$ 8,820.00	\$ 14.00	\$ 8,820.00	\$ 6.00	\$ 3,780.00
48	846026		REMOVE PAVEMENT MARKING	SQFT	65	\$ 20.00	\$ 1,300.00	\$ 12.00	\$ 780.00	\$ 12.00	\$ 780.00	\$ 2.00	\$ 130.00
49	999990		MOBILIZATION	LS	1	\$216,996.00	\$216,996.00	\$143,087.00	\$ 143,087.00	\$418,142.00	\$ 418,142.00	\$380,000.00	\$ 380,000.00



Engineer's Estimate \$ 2,387,451.00 \$2,187,199.50 \$2,962,997.00 \$4,030,224.00

(+/-) over/under -8.4% 24.1% 68.8%

Prepared by: Victor Gutierrez



Checked by: Jesus Guico