Bid Opening: 9/3/2020 Award Date: 10/6/2020

Bidders
1 Emmett's Excavation, Inc.
2 Avison Construction, Inc.
3 American Paving Co.

Emmett's Excavation, Inc.
Subcontractors
FRESHO CONCRETE CONSTRUCTION
SAFETY NETWORK
MARINA LANDSCAPE
CMC REBAR
VALLEY FENCE
CENTRAL VALLEY STRIPING
MADCO ELECTRIC

Avison Construction, Inc.
Subcontractors
Pacific Steel Group
Valley Fence Co
KRC Safety Co
Harker Striping & Signage
Bill Nelson General Engineering
Madco Electric

American Paving Co.
Subcontractors
Bill Nelson General Engineering Construction, Inc.
Valley Fence Co.
Marina
KRC Safety Co., Inc.
Pacific Steel Group
Madco Electric Inc.

					Enginee	r's Estimate	MADCO ELECTRIC	1		2		3
ITEM NO.	QUANTITY	UNIT OF MEASURE	F, S	ITEM DESCRIPTION	ITEM PRICE (IN FIGURES)	TOTAL PRICE (IN FIGURES)	ITEM PRICE (IN FIGURES)	TOTAL PRICE (IN FIGURES)	ITEM PRICE (IN FIGURES)	TOTAL PRICE (IN FIGURES)	ITEM PRICE (IN FIGURES)	TOTAL PRICE (IN FIGURES)
1	1	LS		MORII IZATION	\$160,000.00	\$160,000.00	\$40,000.00	\$40,000.00	\$125,000.00	\$125,000.00	\$154,500.00	\$154,500.00
2	1	LS		MOBILIZATION  LEAD COMPLIANCE PLAN	\$2,500.00	\$160,000.00	\$40,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
3	1	LS		TRAFFIC CONTROL SYSTEM	\$70,000.00	\$70,000.00	\$40,000.00	\$40,000.00	\$27,500.00	\$27,500.00	\$15,000.00	\$15,000.00
4 5	1	LS LS		TRAFFIC CONTROL SYSTEM (STA 107+23 TO STA 109+25)	\$10,000.00 \$10,000.00	\$10,000.00 \$10,000.00	\$80,000.00 \$2,000.00	\$80,000.00 \$2,000.00	\$50,000.00 \$1,000.00	\$50,000.00 \$1,000.00	\$38,000.00	\$38,000.00 \$500.00
6	1	LS		DEVELOP WATER SUPPLY  CONSTRUCTION AREA SIGNS	\$5,000.00	\$5,000.00	\$7,000.00	\$7,000.00	\$5,000.00	\$5,000.00	\$500.00 \$4,000.00	\$4,000.00
7	1	EA		CONSTRUCTION PROJECT FUNDING SIGN	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$750.00	\$750.00	\$700.00	\$700.00
8	686	EA		PORTABLE DELINEATOR	\$20.00	\$13,720.00	\$27.00	\$18,522.00	\$3.50	\$2,401.00	\$15.00	\$10,290.00
9	337	EA EA		TEMPORARY PAVEMENT MARKER  PORTABLE CHANGEABLE MESSAGE SIGN (EA)	\$5.00 \$4,000.00	\$1,685.00 \$8,000.00	\$3.00 \$4,000.00	\$1,011.00 \$8,000.00	\$3.00 \$7,500.00	\$1,011.00 \$15,000.00	\$1.00 \$6,000.00	\$337.00 \$12,000.00
11	1	LS		JOB SITE MANAGEMENT	\$15,000.00	\$15,000.00	\$3,000.00	\$3,000.00	\$1,000.20	\$1,000.20	\$190,000.00	\$190,000.00
12	1	LS		PREPARE STORM WATER POLLUTION PREVENTION PLAN	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$1,800.00	\$1,800.00
13 14	1 884	EA LF		STORM WATER ANNUAL REPORT TEMPORARY CHECK DAM	\$2,000.00 \$10.00	\$2,000.00 \$8,840.00	\$400.00 \$7.50	\$400.00 \$6,630.00	\$500.00 \$4.00	\$500.00 \$3,536.00	\$400.00 \$14.00	\$400.00 \$12,376.00
15	11	EA		TEMPORARY DRAINAGE INLET PROTECTION	\$250.00	\$2,750.00	\$150.00	\$1,650.00	\$140.00	\$1,540.00	\$200.00	\$2,200.00
16	5,355	LF		TEMPORARY FIBER ROLL	\$5.00	\$26,775.00	\$3.50	\$18,742.50	\$3.00	\$16,065.00	\$5.00	\$26,775.00
17	1	LS		TEMPORARY CONCRETE WASHOUT	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
18 19	1	LS		BIRD EXCLUSION PLAN  INSTALL BIRD EXCLUSION DEVICE AT GRANT CANAL	\$2,500.00 \$5,000.00	\$2,500.00 \$5,000.00	\$10,000.00 \$10,000.00	\$10,000.00 \$10,000.00	\$1,000.00 \$1,000.00	\$1,000.00 \$1,000.00	\$3,400.00 \$5,400.00	\$3,400.00 \$5,400.00
20	1	LS		INSTALL BIRD EXCLUSION DEVICE AT A DITCH	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$900.00	\$900.00
21	25	HR		BIRD EXCLUSION MAINTENANCE	\$100.00	\$2,500.00	\$200.00	\$5,000.00	\$80.00	\$2,000.00	\$93.00	\$2,325.00
22	4,883	LF LS		TEMPORARY HIGH-VISIBILITY FENCE  CLEARING AND GRUBBING (LS)	\$5.00 \$20,000.00	\$24,415.00 \$20,000.00	\$1.65 \$20,000.00	\$8,056.95 \$20,000.00	\$2.00 \$30,000.00	\$9,766.00 \$30,000.00	\$2.40 \$80,000.00	\$11,719.20 \$80,000.00
24	13	EA		REMOVE TREE	\$1,200.00	\$15,600.00	\$600.00	\$7,800.00	\$900.00	\$11,700.00	\$1,100.00	\$14,300.00
25	1,664	CY	F	ROADWAY EXCAVATION	\$80.00	\$133,120.00	\$47.00	\$78,208.00	\$60.00	\$99,840.00	\$100.00	\$166,400.00
26	13,211	SQFT		HYDROSEED	\$0.30	\$3,963.30	\$0.20	\$2,642.20	\$0.30	\$3,963.30	\$0.20	\$2,642.20
27	733	LS CY		FINISHING ROADWAY  CLASS 2 AGGREGATE BASE (CY)	\$10,000.00 \$100.00	\$10,000.00 \$73,300.00	\$10,000.00 \$85.00	\$10,000.00 \$62,305.00	\$15,000.00 \$100.00	\$15,000.00 \$73,300.00	\$9,000.00 \$110.00	\$9,000.00 \$80,630.00
29	1,431	TON		HOT MIX ASPHALT (TYPE A)	\$70.00	\$100,170.00	\$98.00	\$140,238.00	\$120.00	\$171,720.00	\$114.00	\$163,134.00
30	102	LF		PLACE HOT MIX ASPHALT DIKE (TYPE A)	\$70.00	\$7,140.00	\$35.00	\$3,570.00	\$65.00	\$6,630.00	\$36.00	\$3,672.00
31 32	1,308 4 573	SQYD SQFT		PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)  REMOVE ASPHALT CONCRETE PAVEMENT (SQFT)	\$40.00 \$4.00	\$52,320.00 \$18,292.00	\$7.00 \$1.00	\$9,156.00 \$4,573.00	\$18.00 \$2.50	\$23,544.00 \$11,432.50	\$24.00 \$3.60	\$31,392.00 \$16,462.80
32	4,573 320	SQFT		REMOVE ASPHALT CONCRETE PAVEMENT (SQFT)  REMOVE ASPHALT CONCRETE DIKE	\$4.00 \$10.00	\$18,292.00 \$3,200.00	\$1.00 \$7.00	\$4,573.00 \$2,240.00	\$2.50 \$10.00	\$11,432.50 \$3,200.00	\$3.60 \$1.00	\$16,462.80 \$320.00
34	43	SQFT	F	RETAINING WALL STEM (TYPE 6)	\$200.00	\$8,600.00	\$55.00	\$2,365.00	\$200.00	\$8,600.00	\$282.00	\$12,126.00
35	5	CY	F	CURB WALL	\$650.00	\$3,250.00	\$550.00	\$2,750.00	\$2,000.00	\$10,000.00	\$4,100.00	\$20,500.00
36 37	133 164	LF LF		12" REINFORCED CONCRETE PIPE (CLASS III)  15" REINFORCED CONCRETE PIPE (CLASS III)	\$125.00 \$150.00	\$16,625.00 \$24,600.00	\$159.00 \$180.00	\$21,147.00 \$29,520.00	\$200.00 \$205.00	\$26,600.00 \$33,620.00	\$187.00 \$198.00	\$24,871.00 \$32,472.00
38	5	LF		18" REINFORCED CONCRETE PIPE (CLASS III)	\$175.00	\$875.00	\$188.00	\$940.00	\$800.00	\$4,000.00	\$745.00	\$3,725.00
39	454	LF		24" REINFORCED CONCRETE PIPE (CLASS III, RUBBER GASKET	\$175.00	\$79,450.00	\$139.00	\$63,106.00	\$150.00	\$68,100.00	\$144.00	\$65,376.00
40	236 554	LF LF		30" REINFORCED CONCRETE PIPE (CLASS III, RUBBER GASKET 36" REINFORCED CONCRETE PIPE (CLASS III, RUBBER GASKET	\$225.00 \$275.00	\$53,100.00 \$152,350.00	\$161.00 \$219.00	\$37,996.00 \$121,326.00	\$175.00 \$200.00	\$41,300.00 \$110,800.00	\$170.00 \$192.00	\$40,120.00 \$106,368.00
42	2	EA		12" CONCRETE FLARED END SECTION	\$1,200.00	\$132,330.00	\$1,100.00	\$2,200.00	\$3,000.00	\$6,000.00	\$2,700.00	\$5,400.00
43	1	EA	F	INLET (TYPE GCP)	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$5,600.00	\$5,600.00
44	1	EA	F	INLET (TYPE GCP MOD)	\$6,000.00	\$6,000.00	\$5,400.00	\$5,400.00	\$6,000.00	\$6,000.00	\$5,600.00	\$5,600.00
45 46	9	EA EA	F F	INLET (TYPE D)  CONCRETE FIELD COLLAR	\$6,000.00 \$3,000.00	\$54,000.00 \$3,000.00	\$5,300.00 \$1,500.00	\$47,700.00 \$1,500.00	\$5,000.00 \$4,000.00	\$45,000.00 \$4,000.00	\$4,900.00 \$4,000.00	\$44,100.00 \$4,000.00
47	4	EA	F	48" MANHOLE (TYPE A)	\$6,000.00	\$24,000.00	\$5,400.00	\$21,600.00	\$6,000.00	\$24,000.00	\$5,900.00	\$23,600.00
48	3	EA	F	60" MANHOLE (TYPE A)	\$7,000.00	\$21,000.00	\$7,300.00	\$21,900.00	\$7,500.00	\$22,500.00	\$7,300.00	\$21,900.00
49 50	1	EA EA	F	72" MANHOLE (TYPE A) SEWER MANHOLE	\$8,000.00 \$8,000.00	\$8,000.00 \$8,000.00	\$8,400.00 \$9,200.00	\$8,400.00 \$9,200.00	\$9,500.00 \$7,000.00	\$9,500.00 \$7,000.00	\$9,200.00 \$6,300.00	\$9,200.00 \$6,300.00
51	157	LF		REMOVE STORM DRAIN	\$20.00	\$3,140.00	\$9,200.00	\$8,949.00	\$7,000.00	\$10,990.00	\$62.00	\$9,734.00
52	2	EA		REMOVE INLET	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00	\$1,600.00	\$3,200.00	\$1,500.00	\$3,000.00
53	202	LF		REMOVE SEWER PIPE	\$50.00	\$10,100.00	\$26.00	\$5,252.00	\$30.00	\$6,060.00	\$29.00	\$5,858.00
54 55	7	EA EA		ADJUST FRAME AND COVER TO GRADE  ADJUST MANHOLE TO GRADE	\$700.00 \$1,500.00	\$2,100.00 \$10,500.00	\$500.00 \$700.00	\$1,500.00 \$4,900.00	\$1,200.00 \$1,200.00	\$3,600.00 \$8,400.00	\$1,400.00 \$1,500.00	\$4,200.00 \$10,500.00
56	600	SQFT		DETECTABLE WARNING SURFACE	\$30.00	\$18,000.00	\$33.00	\$19,800.00	\$32.00	\$19,200.00	\$27.00	\$16,200.00
57	294	CY		MINOR CONCRETE (CURB AND GUTTER)	\$800.00	\$235,200.00	\$505.00	\$148,470.00	\$550.00	\$161,700.00	\$400.00	\$117,600.00
58	163	CY		MINOR CONCRETE (DRIVEWAY AND VALLEY GUTTER)	\$600.00	\$97,800.00	\$476.00	\$77,588.00	\$600.00	\$97,800.00	\$400.00	\$65,200.00
59 60	227 40	CY		MINOR CONCRETE (SIDEWALK)  MINOR CONCRETE (CURB RAMP)	\$500.00 \$1,200.00	\$113,500.00 \$48,000.00	\$440.00 \$528.00	\$99,880.00 \$21,120.00	\$700.00 \$1,500.00	\$158,900.00 \$60,000.00	\$400.00 \$625.00	\$90,800.00 \$25,000.00
61	45	LF		REMOVE CONCRETE (CURB AND GUTTER)	\$35.00	\$1,575.00	\$13.00	\$585.00	\$50.00	\$2,250.00	\$4.00	\$180.00
62	7	EA	F	RELOCATE WATER METER AND REPLACE SERVICE LATERAL	\$3,000.00	\$21,000.00	\$2,500.00	\$17,500.00	\$6,000.00	\$42,000.00	\$5,000.00	\$35,000.00
63 64	70 202	LF LF	F F	REPLACE 1.5" WATER SERVICE  8" PVC SDR26 SANITARY SEWER PIPE	\$100.00 \$100.00	\$7,000.00 \$20,200.00	\$42.00 \$265.00	\$2,940.00 \$53,530.00	\$110.00 \$150.00	\$7,700.00 \$30,300.00	\$100.00 \$144.00	\$7,000.00 \$29,088.00
65	148	LF	F	18" STEEL CASING	\$100.00	\$20,200.00	\$265.00	\$53,530.00	\$330.00	\$30,300.00	\$144.00	\$29,088.00
66	14	EA		RELOCATE ROADSIDE SIGN-ONE POST	\$400.00	\$5,600.00	\$300.00	\$4,200.00	\$325.00	\$4,550.00	\$287.00	\$4,018.00
67	8	EA		ROADSIDE SIGN - ONE POST	\$450.00	\$3,600.00	\$325.00	\$2,600.00	\$400.00	\$3,200.00	\$320.00	\$2,560.00
68 69	4,379 1,828	LF SQFT		PAINT TRAFFIC STRIPE (2-COAT)  PAINT PAVEMENT MARKING (2-COAT)	\$1.50 \$3.00	\$6,568.50 \$5,484.00	\$0.60 \$2.00	\$2,627.40 \$3,656.00	\$1.00 \$4.00	\$4,379.00 \$7,312.00	\$0.60 \$2.00	\$2,627.40 \$3,656.00
70	1	LS		FLASHING LED SIGN SYSTEM	\$64,700.00	\$64,700.00	\$137,500.00	\$137,500.00	\$150,000.00	\$150,000.00	\$135,000.00	\$135,000.00
71	105	CY		UNCLASSIFIED EXCAVATION	\$20.00	\$2,100.00	\$20.00	\$2,100.00	\$110.00	\$11,550.00	\$100.00	\$10,500.00
72	208	LF		REMOVE EXISTING METAL BEAM GUARD RAIL	\$23.00	\$4,784.00	\$20.00	\$4,160.00	\$12.00	\$2,496.00	\$30.00	\$6,240.00
73 74	113 6	LF EA		REMOVE EXISTING STEEL FENCE REMOVE ROADSIDE SIGN	\$30.00 \$112.00	\$3,390.00 \$672.00	\$15.00 \$100.00	\$1,695.00 \$600.00	\$20.00 \$75.00	\$2,260.00 \$450.00	\$11.00 \$150.00	\$1,243.00 \$900.00
75	132	CY		IMPORT FILL	\$54.00	\$7,128.00	\$15.00	\$1,980.00	\$80.00	\$10,560.00	\$10.00	\$1,320.00
76	105	SY		CONSTRUCT 4" PCC SIDEWALK	\$65.00	\$6,825.00	\$53.00	\$5,565.00	\$90.00	\$9,450.00	\$50.00	\$5,250.00
77 78	404 3	LF EA		CONSTRUCT 6" CURB & GUTTER  CHAIN LINK FENCE WITH GATE	\$45.00 \$4.500.00	\$18,180.00 \$13,500.00	\$33.00 \$5.800.00	\$13,332.00 \$17,400.00	\$50.00 \$6.000.00	\$20,200.00 \$18,000.00	\$36.00 \$5,300.00	\$14,544.00 \$15,900.00
78	87	LF		CHAIN LINK FENCE  CHAIN LINK FENCE	\$4,500.00	\$13,500.00	\$5,800.00	\$17,400.00	\$6,000.00	\$18,000.00	\$5,300.00	\$15,900.00
80	6	EA		CONSTRUCT CONCRETE DRIVEWAY	\$1,300.00	\$7,800.00	\$1,100.00	\$6,600.00	\$2,000.00	\$12,000.00	\$1,800.00	\$10,800.00
81	6	EA		ROADSIDE SIGN - ONE POST	\$350.00	\$2,100.00	\$400.00	\$2,400.00	\$250.00	\$1,500.00	\$350.00	\$2,100.00
82 83	144 145	CY		STRUCTURE EXCAVATION (RETAINING WALL)  STRUCTURE BACKFILL (RETAINING WALL)	\$185.00 \$235.00	\$26,640.00 \$34,075.00	\$20.00 \$60.00	\$2,880.00 \$8,700.00	\$200.00 \$85.00	\$28,800.00 \$12,325.00	\$75.00 \$177.00	\$10,800.00 \$25,665.00
84	60	CY		STRUCTURAL CONCRETE, RETAINING WALL	\$1,300.00	\$78,000.00	\$1,500.00	\$90,000.00	\$1,600.00	\$96,000.00	\$1,400.00	\$84,000.00
85	70	CY		STRUCTURAL CONCRETE, BOX CULVERT	\$2,000.00	\$140,000.00	\$2,250.00	\$157,500.00	\$1,900.00	\$133,000.00	\$2,600.00	\$182,000.00
86	12,375	LB		BAR REINFORCING STEEL (RETAINING WALL)	\$1.70	\$21,037.50	\$1.60	\$19,800.00	\$2.00	\$24,750.00	\$2.00	\$24,750.00
87 88	13,220	LB LS		BAR REINFORCING STEEL (BOX CULVERT)  BRIDGE REMOVAL (PORTION)	\$1.70 \$15,000.00	\$22,474.00 \$15,000.00	\$2.50 \$55,000.00	\$33,050.00 \$55,000.00	\$2.50 \$30,000.00	\$33,050.00 \$30,000.00	\$2.60 \$21,000.00	\$34,372.00 \$21,000.00
89	83	CY		ROCK SLOPE PROTECTION (FACING, 75LB ROCK)	\$15,000.00	\$15,000.00	\$55,000.00	\$12,450.00	\$30,000.00	\$30,000.00	\$21,000.00	\$21,000.00
90	62	CY		CONCRETE (CHANNEL LINING)	\$800.00	\$49,600.00	\$730.00	\$45,260.00	\$1,200.00	\$74,400.00	\$1,800.00	\$111,600.00
91	248	SQYD		ROCK SLOPE PROTECTION (CLASS 8)	\$50.00	\$12,400.00	\$150.00	\$37,200.00	\$8.00	\$1,984.00	\$97.00	\$24,056.00
92	87 87	LF LF		TUBULAR HANDRAILING  CONCRETE BARRIER TYPE 7329W	\$110.00 \$320.00	\$9,570.00 \$27,840.00	\$120.00 \$495.00	\$10,440.00 \$43,065,00	\$200.00	\$17,400.00 \$57,420.00	\$208.00 \$937.00	\$18,096.00 \$81,519.00
93 94	87 97	LF LF		CONCRETE BARRIER, TYPE 732SW  CONCRETE BARRIER, TYPE 736	\$320.00 \$200.00	\$27,840.00 \$19,400.00	\$495.00 \$430.00	\$43,065.00 \$41,710.00	\$660.00 \$170.00	\$57,420.00 \$16,490.00	\$937.00 \$385.00	\$81,519.00 \$37,345.00
		ID (ITEMS	1-94)			5,413.30		5,015.05		2,530.00		4,110.60

F - Final Pay Item S - Specialty Item