



County of Los Angeles Department of Public Works
Construction Division
BID SUMMARY
(sorted by Unit Price Total)

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash

Project ID: RDC0012721

Bids Opened: 7/18/2017

Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate					(1) USS Cal Builders, Inc.		(2) Flatiron West		(3) Shimmick Construction Company, Inc.		(4) Beador Construction Company, Inc.		
(1) Preliminary Bid Amount					\$4,044,503.35		\$4,993,787.23		\$5,000,591.90		\$5,530,300.00		
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	CONSTRUCTION SCHEDULE (BASELINE) (STIPULATED UNIT PRICE OF \$5,000)	1	\$5,000.00	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
2	CONSTRUCTION SCHEDULE (UPDATE) (STIPULATED UNIT PRICE OF \$500.00/MTH)	9	\$500.00	MTH	\$4,500.00	\$500.00	\$4,500.00	\$500.00	\$4,500.00	\$500.00	\$4,500.00	\$500.00	\$4,500.00
3	CONSTRUCTION SCHEDULE (AS BUILT) (STIPULATED UNIT PRICE OF \$1,000)	1	\$1,000.00	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
4	PREPARATION OF THE SWPPP (STIPULATED UNIT PRICE OF \$5,000)	1	\$5,000.00	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
5	IMPLEMENTATION OF THE SWPPP	1	\$20,000.00	LS	\$20,000.00	\$5,000.00	\$5,000.00	\$144,000.00	\$144,000.00	\$112,000.00	\$112,000.00	\$50,000.00	\$50,000.00
6	SHORING OF OPEN EXCAVATIONS	1	\$5,000.00	LS	\$5,000.00	\$7,000.00	\$7,000.00	\$2,900.00	\$2,900.00	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00
7	PREPARATION OF THE SURFACE WATER DIVERSION PLAN (STIPULATED UNIT PRICE OF \$5,000)	1	\$5,000.00	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate						(1) USS Cal Builders, Inc.		(2) Flatiron West		(3) Shimmick Construction Company, Inc.		(4) Beador Construction Company, Inc.	
(1) Preliminary Bid Amount						\$4,044,503.35		\$4,993,787.23		\$5,000,591.90		\$5,530,300.00	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
8	IMPLEMENTATION OF THE SURFACE WATER DIVERSION PLAN	6	\$2,500.00	MTH	\$15,000.00	\$3,000.00	\$18,000.00	\$280.00	\$1,680.00	\$320.00	\$1,920.00	\$900.00	\$5,400.00
9	SURFACE WATER DIVERSION STRUCTURE (STAGE ONE)	1	\$25,000.00	LS	\$25,000.00	\$201,000.00	\$201,000.00	\$77,000.00	\$77,000.00	\$100,000.00	\$100,000.00	\$80,000.00	\$80,000.00
10	SURFACE WATER DIVERSION STRUCTURE (STAGE TWO)	1	\$25,000.00	LS	\$25,000.00	\$20,000.00	\$20,000.00	\$27,000.00	\$27,000.00	\$65,000.00	\$65,000.00	\$35,000.00	\$35,000.00
11	REMOVE SURFACE WATER DIVERSION STRUCTURE (STAGE ONE)	1	\$5,000.00	LS	\$5,000.00	\$10,000.00	\$10,000.00	\$18,000.00	\$18,000.00	\$30,000.00	\$30,000.00	\$35,000.00	\$35,000.00
12	REMOVE SURFACE WATER DIVERSION STRUCTURE (STAGE TWO)	1	\$5,000.00	LS	\$5,000.00	\$10,000.00	\$10,000.00	\$42,000.00	\$42,000.00	\$35,000.00	\$35,000.00	\$45,000.00	\$45,000.00
13	PREPARATION OF THE LEAD-CONTAMINATED SMP (STIPULATED UNIT PRICE OF \$2,500)	1	\$2,500.00	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	\$2,500.00
14	EXCAVATION, TRANSPORTATION, AND DISPOSAL OF LEAD CONTAMINATED SOIL	78	\$150.00	TON	\$11,700.00	\$300.00	\$23,400.00	\$170.00	\$13,260.00	\$130.00	\$10,140.00	\$195.00	\$15,210.00
15	PREPARATION OF THE LBP/ LCP REMOVAL PLAN (STIPULATED UNIT PRICE OF \$5,000)	1	\$5,000.00	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
16	REMOVAL AND DISPOSAL OF LBP/LCP	1	\$15,000.00	LS	\$15,000.00	\$5,000.00	\$5,000.00	\$12,000.00	\$12,000.00	\$54,000.00	\$54,000.00	\$235,000.00	\$235,000.00
17	PREPARATION OF THE SITE-SPECIFIC HEALTH AND SAFETY PLAN (STIPULATED UNIT PRICE OF \$5,000)	1	\$5,000.00	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate					(1) USS Cal Builders, Inc.		(2) Flatiron West		(3) Shimmick Construction Company, Inc.		(4) Beador Construction Company, Inc.		
(1) Preliminary Bid Amount					\$4,044,503.35		\$4,993,787.23		\$5,000,591.90		\$5,530,300.00		
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
18	IMPLEMENTATION OF THE SSHSP	9	\$1,000.00	MTH	\$9,000.00	\$2,000.00	\$18,000.00	\$1,700.00	\$15,300.00	\$35.00	\$315.00	\$600.00	\$5,400.00
19	OFFICE FACILITIES	9	\$2,000.00	MTH	\$18,000.00	\$3,000.00	\$27,000.00	\$7,200.00	\$64,800.00	\$5,000.00	\$45,000.00	\$10,000.00	\$90,000.00
20	MOBILIZATION	1	\$100,000.00	LS	\$100,000.00	\$650,000.00	\$650,000.00	\$474,000.00	\$474,000.00	\$500,000.00	\$500,000.00	\$449,118.05	\$449,118.05
21	CLEARING AND GRUBBING	1	\$5,000.00	LS	\$5,000.00	\$15,000.00	\$15,000.00	\$28,000.00	\$28,000.00	\$8,000.00	\$8,000.00	\$75,000.00	\$75,000.00
22	RELOCATE EXISTING BUS SHELTER	1	\$5,000.00	EA	\$5,000.00	\$6,500.00	\$6,500.00	\$4,900.00	\$4,900.00	\$6,000.00	\$6,000.00	\$5,500.00	\$5,500.00
23	CONCRETE REMOVAL (NON-REINFORCED)	760	\$90.00	CY	\$68,400.00	\$60.00	\$45,600.00	\$120.00	\$91,200.00	\$60.00	\$45,600.00	\$108.00	\$82,080.00
24	CONCRETE REMOVAL (REINFORCED)	12	\$250.00	CY	\$3,000.00	\$70.00	\$840.00	\$370.00	\$4,440.00	\$214.00	\$2,568.00	\$400.00	\$4,800.00
25	REINFORCED CONCRETE REMOVAL AT EXISTING PARKING STRUCTURE	2	\$1,000.00	CY	\$2,000.00	\$1,000.00	\$2,000.00	\$340.00	\$680.00	\$1,800.00	\$3,600.00	\$2,500.00	\$5,000.00
26	CMU WALL AND FOUNDATION REMOVAL AT EXISTING PARKING STRUCTURE	15	\$200.00	LF	\$3,000.00	\$250.00	\$3,750.00	\$58.00	\$870.00	\$260.00	\$3,900.00	\$215.00	\$3,225.00
27	METAL RAIL REMOVAL AT EXISTING PARKING STRUCTURE	25	\$25.00	LF	\$625.00	\$100.00	\$2,500.00	\$32.00	\$800.00	\$18.00	\$450.00	\$107.00	\$2,675.00
28	BRIDGE REMOVAL (STAGE ONE)	1	\$45,000.00	LS	\$45,000.00	\$30,000.00	\$30,000.00	\$235,000.00	\$235,000.00	\$150,000.00	\$150,000.00	\$85,000.00	\$85,000.00
29	BRIDGE REMOVAL (STAGE TWO)	1	\$55,000.00	LS	\$55,000.00	\$30,000.00	\$30,000.00	\$188,000.00	\$188,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
30	TEMPORARY VERTICAL SHORING (STAGE ONE)	1	\$200,000.00	LS	\$200,000.00	\$30,000.00	\$30,000.00	\$104,000.00	\$104,000.00	\$225,000.00	\$225,000.00	\$90,000.00	\$90,000.00
31	TEMPORARY VERTICAL SHORING (STAGE TWO)	1	\$300,000.00	LS	\$300,000.00	\$60,000.00	\$60,000.00	\$118,000.00	\$118,000.00	\$200,000.00	\$200,000.00	\$95,000.00	\$95,000.00
32	TEMPORARY BALLAST (STAGE ONE)	1	\$10,000.00	LS	\$10,000.00	\$15,000.00	\$15,000.00	\$22,000.00	\$22,000.00	\$30,000.00	\$30,000.00	\$35,000.00	\$35,000.00
33	TEMPORARY BALLAST (STAGE TWO)	1	\$10,000.00	LS	\$10,000.00	\$15,000.00	\$15,000.00	\$6,200.00	\$6,200.00	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate					(1) USS Cal Builders, Inc.		(2) Flatiron West		(3) Shimmick Construction Company, Inc.		(4) Beador Construction Company, Inc.		
(1) Preliminary Bid Amount					\$4,044,503.35		\$4,993,787.23		\$5,000,591.90		\$5,530,300.00		
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
34	TEMPORARY UTILITY SUPPORT (AT&T CONDUITS)	1	\$55,000.00	LS	\$55,000.00	\$92,000.00	\$92,000.00	\$43,000.00	\$43,000.00	\$60,000.00	\$60,000.00	\$35,000.00	\$35,000.00
35	UNCLASSIFIED EXCAVATION	1299	\$40.00	CY	\$51,960.00	\$15.00	\$19,485.00	\$67.00	\$87,033.00	\$35.00	\$45,465.00	\$100.00	\$129,900.00
36	STRUCTURE EXCAVATION (BRIDGE)	2170	\$40.00	CY	\$86,800.00	\$40.00	\$86,800.00	\$18.00	\$39,060.00	\$37.00	\$80,290.00	\$90.00	\$195,300.00
37	STRUCTURE BACKFILL (BRIDGE)	2000	\$50.00	CY	\$100,000.00	\$40.00	\$80,000.00	\$58.00	\$116,000.00	\$50.00	\$100,000.00	\$97.00	\$194,000.00
38	FILTER MATERIAL (CEMENT TREATED PERMEABLE BASE)	8	\$500.00	CY	\$4,000.00	\$100.00	\$800.00	\$1,020.00	\$8,160.00	\$330.00	\$2,640.00	\$930.00	\$7,440.00
39	FILTER FABRIC	76	\$10.00	SY	\$760.00	\$4.00	\$304.00	\$21.27	\$1,616.52	\$23.00	\$1,748.00	\$21.00	\$1,596.00
40	GEOCOMPOSITE WALL DRAIN	4860	\$8.00	SF	\$38,880.00	\$12.00	\$58,320.00	\$1.55	\$7,533.00	\$6.00	\$29,160.00	\$1.65	\$8,019.00
41	CRUSHED MISCELLANEOUS BASE	898	\$60.00	CY	\$53,880.00	\$44.00	\$39,512.00	\$61.00	\$54,778.00	\$40.00	\$35,920.00	\$73.00	\$65,554.00
42	AC PAVEMENT	1343	\$95.00	TON	\$127,585.00	\$107.00	\$143,701.00	\$110.00	\$147,730.00	\$106.00	\$142,358.00	\$98.00	\$131,614.00
43	AC PAVEMENT (DRIVEWAYS)	6	\$300.00	TON	\$1,800.00	\$1,002.00	\$6,012.00	\$1,072.00	\$6,432.00	\$450.00	\$2,700.00	\$535.00	\$3,210.00
44	RECONSTRUCT MANHOLE	3	\$1,200.00	EA	\$3,600.00	\$1,500.00	\$4,500.00	\$6,500.00	\$19,500.00	\$2,400.00	\$7,200.00	\$2,750.00	\$8,250.00
45	ADJUST MANHOLE	3	\$1,000.00	EA	\$3,000.00	\$1,000.00	\$3,000.00	\$1,700.00	\$5,100.00	\$960.00	\$2,880.00	\$1,350.00	\$4,050.00
46	PCC PAVEMENT	111	\$230.00	CY	\$25,530.00	\$325.00	\$36,075.00	\$581.52	\$64,548.72	\$230.00	\$25,530.00	\$295.00	\$32,745.00
47	STRUCTURE CONCRETE (BRIDGE)	734	\$850.00	CY	\$623,900.00	\$994.50	\$729,963.00	\$1,240.00	\$910,160.00	\$895.00	\$656,930.00	\$1,365.00	\$1,001,910.00
48	STRUCTURE CONCRETE (FOOTING)	437	\$400.00	CY	\$174,800.00	\$288.00	\$125,856.00	\$400.00	\$174,800.00	\$300.00	\$131,100.00	\$355.00	\$155,135.00
49	MINOR CONCRETE (DRAINAGE PAD)	2	\$500.00	CY	\$1,000.00	\$600.00	\$1,200.00	\$1,100.00	\$2,200.00	\$1,900.00	\$3,800.00	\$6,000.00	\$12,000.00
50	MINOR CONCRETE (BRIDGE CURB RAMP)	2	\$1,000.00	CY	\$2,000.00	\$600.00	\$1,200.00	\$1,800.00	\$3,600.00	\$3,000.00	\$6,000.00	\$3,500.00	\$7,000.00
51	MINOR CONCRETE (BRIDGE SIDEWALK)	2	\$500.00	CY	\$1,000.00	\$600.00	\$1,200.00	\$800.00	\$1,600.00	\$3,000.00	\$6,000.00	\$3,500.00	\$7,000.00

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate						(1) USS Cal Builders, Inc.		(2) Flatiron West		(3) Shimmick Construction Company, Inc.		(4) Beador Construction Company, Inc.	
(1) Preliminary Bid Amount						\$4,044,503.35		\$4,993,787.23		\$5,000,591.90		\$5,530,300.00	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
52	CONCRETE BARRIER (TYPE 26 MODIFIED W/ SIDEWALK)	150	\$200.00	LF	\$30,000.00	\$190.00	\$28,500.00	\$240.00	\$36,000.00	\$350.00	\$52,500.00	\$420.00	\$63,000.00
53	CONCRETE BARRIER (TYPE 26 MODIFIED W/O SIDEWALK)	30	\$150.00	LF	\$4,500.00	\$120.00	\$3,600.00	\$180.00	\$5,400.00	\$275.00	\$8,250.00	\$420.00	\$12,600.00
54	CONCRETE BARRIER (TYPE 26 MODIFIED W/ CURB RAMP)	27	\$250.00	LF	\$6,750.00	\$190.00	\$5,130.00	\$305.00	\$8,235.00	\$285.00	\$7,695.00	\$420.00	\$11,340.00
55	CONCRETE BARRIER (TYPE 26 MODIFIED W/ SIDEWALK & STEEL COVER PLATE)	31	\$300.00	LF	\$9,300.00	\$300.00	\$9,300.00	\$460.00	\$14,260.00	\$580.00	\$17,980.00	\$595.00	\$18,445.00
56	AESTHETIC TREATMENT FOR CONCRETE BARRIER	238	\$60.00	LF	\$14,280.00	\$63.60	\$15,136.80	\$11.00	\$2,618.00	\$200.00	\$47,600.00	\$79.00	\$18,802.00
57	BAR REINFORCING STEEL (BRIDGE)	196000	\$1.25	LB	\$245,000.00	\$0.90	\$176,400.00	\$1.06	\$207,760.00	\$1.18	\$231,280.00	\$1.00	\$196,000.00
58	JOINT SEAL, TYPE A	285	\$30.00	LF	\$8,550.00	\$79.50	\$22,657.50	\$14.00	\$3,990.00	\$83.00	\$23,655.00	\$45.00	\$12,825.00
59	JOINT SEAL	364	\$15.00	LF	\$5,460.00	\$29.75	\$10,829.00	\$14.00	\$5,096.00	\$28.00	\$10,192.00	\$37.00	\$13,468.00
60	CATCH BASIN PER STD PLAN 300, W=18	1	\$8,000.00	EA	\$8,000.00	\$14,025.00	\$14,025.00	\$17,000.00	\$17,000.00	\$22,000.00	\$22,000.00	\$21,500.00	\$21,500.00
61	CATCH BASIN PER STD PLAN 300, W=4	1	\$5,000.00	EA	\$5,000.00	\$6,668.00	\$6,668.00	\$7,000.00	\$7,000.00	\$5,100.00	\$5,100.00	\$5,500.00	\$5,500.00
62	CATCH BASIN PER STD PLAN 300, W=7	2	\$6,000.00	EA	\$12,000.00	\$8,553.25	\$17,106.50	\$8,200.00	\$16,400.00	\$6,600.00	\$13,200.00	\$8,000.00	\$16,000.00
63	REINFORCED CONCRETE BLOCK WALL PER STD PLAN 601, TYPE 1 (H=6')	52	\$300.00	LF	\$15,600.00	\$100.00	\$5,200.00	\$220.94	\$11,488.88	\$500.00	\$26,000.00	\$415.00	\$21,580.00
64	SHOTCRETE REINFORCED WITH WELDED WIRE FABRIC	15	\$150.00	SF	\$2,250.00	\$784.50	\$11,767.50	\$110.00	\$1,650.00	\$665.00	\$9,975.00	\$535.00	\$8,025.00
65	ERECT PRESTRESSED GIRDERS	17	\$5,000.00	EA	\$85,000.00	\$1,881.50	\$31,985.50	\$5,200.00	\$88,400.00	\$2,000.00	\$34,000.00	\$4,100.00	\$69,700.00
66	FURNISH PRESTRESSED I GIRDERS, 80' LONG	17	\$16,000.00	EA	\$272,000.00	\$16,006.00	\$272,102.00	\$11,000.00	\$187,000.00	\$17,600.00	\$299,200.00	\$20,500.00	\$348,500.00
67	PCC CURB, TYPE A1-6	21	\$20.00	LF	\$420.00	\$30.00	\$630.00	\$46.70	\$980.70	\$80.00	\$1,680.00	\$127.00	\$2,667.00

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate					(1) USS Cal Builders, Inc.		(2) Flatiron West		(3) Shimmick Construction Company, Inc.		(4) Beador Construction Company, Inc.		
(1) Preliminary Bid Amount					\$4,044,503.35		\$4,993,787.23		\$5,000,591.90		\$5,530,300.00		
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
68	PCC CURB, TYPE A1-8	39	\$20.00	LF	\$780.00	\$40.00	\$1,560.00	\$27.15	\$1,058.85	\$80.00	\$3,120.00	\$82.00	\$3,198.00
69	PCC CURB, TYPE A1-VAR	120	\$20.00	LF	\$2,400.00	\$30.00	\$3,600.00	\$30.41	\$3,649.20	\$80.00	\$9,600.00	\$55.00	\$6,600.00
70	PCC CURB & GUTTER, TYPE A2-8	1066	\$25.00	LF	\$26,650.00	\$29.00	\$30,914.00	\$38.01	\$40,518.66	\$36.00	\$38,376.00	\$31.00	\$33,046.00
71	PCC WALK, 4" THICK	6253	\$5.00	SF	\$31,265.00	\$5.60	\$35,016.80	\$6.52	\$40,769.56	\$6.50	\$40,644.50	\$7.00	\$43,771.00
72	PCC CURB RAMP, 4" THICK	22	\$250.00	SF	\$5,500.00	\$9.70	\$213.40	\$162.89	\$3,583.58	\$18.00	\$396.00	\$73.00	\$1,606.00
73	PCC DRIVEWAYS, 6" THICK	886	\$7.00	SF	\$6,202.00	\$650.00	\$575,900.00	\$10.86	\$9,621.96	\$9.00	\$7,974.00	\$10.00	\$8,860.00
74	DETECTABLE WARNING SURFACE	90	\$35.00	SF	\$3,150.00	\$40.00	\$3,600.00	\$38.01	\$3,420.90	\$75.00	\$6,750.00	\$30.00	\$2,700.00
75	DETECTABLE WARNING SURFACE (BRIDGE CURB RAMP)	33	\$50.00	SF	\$1,650.00	\$40.00	\$1,320.00	\$38.01	\$1,254.33	\$75.00	\$2,475.00	\$41.00	\$1,353.00
76	CROSS GUTTER	28	\$250.00	CY	\$7,000.00	\$400.00	\$11,200.00	\$575.56	\$16,115.68	\$560.00	\$15,680.00	\$410.00	\$11,480.00
77	CONSTRUCT BENCAMP STREET DETOUR RAMP (PLAN RD, SHEET 4)	1	\$75,000.00	LS	\$75,000.00	\$30,000.00	\$30,000.00	\$50,000.00	\$50,000.00	\$104,000.00	\$104,000.00	\$55,000.00	\$55,000.00
78	BARRICADE POSTS, STD PLAN W-14	1	\$1,000.00	EA	\$1,000.00	\$1,645.00	\$1,645.00	\$1,303.15	\$1,303.15	\$930.00	\$930.00	\$1,750.00	\$1,750.00
79	4' PICKET RAILING (MODIFIED)	238	\$100.00	LF	\$23,800.00	\$260.00	\$61,880.00	\$277.43	\$66,028.34	\$285.00	\$67,830.00	\$270.00	\$64,260.00
80	AESTHETIC TREATMENT FOR PICKET RAILING	238	\$20.00	LF	\$4,760.00	\$201.50	\$47,957.00	\$206.33	\$49,106.54	\$222.00	\$52,836.00	\$215.00	\$51,170.00
81	24" RUBBER GASKETED RCP, 1500 D	11	\$250.00	LF	\$2,750.00	\$150.00	\$1,650.00	\$75.00	\$825.00	\$420.00	\$4,620.00	\$630.00	\$6,930.00
82	36" RUBBER GASKETED RCP, 1500 D	16	\$300.00	LF	\$4,800.00	\$340.00	\$5,440.00	\$110.00	\$1,760.00	\$365.00	\$5,840.00	\$500.00	\$8,000.00
83	24" CONCRETE COLLAR	1	\$1,500.00	EA	\$1,500.00	\$1,476.60	\$1,476.60	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$2,100.00	\$2,100.00
84	36" CONCRETE COLLAR	1	\$2,000.00	EA	\$2,000.00	\$1,476.60	\$1,476.60	\$2,600.00	\$2,600.00	\$2,000.00	\$2,000.00	\$2,700.00	\$2,700.00
85	18" CMP, GAGE 14	3	\$200.00	LF	\$600.00	\$270.00	\$810.00	\$260.00	\$780.00	\$480.00	\$1,440.00	\$715.00	\$2,145.00
86	24" CMP, GAGE 14	5	\$200.00	LF	\$1,000.00	\$275.00	\$1,375.00	\$170.00	\$850.00	\$290.00	\$1,450.00	\$535.00	\$2,675.00
87	36" CMP, GAGE 14	19	\$200.00	LF	\$3,800.00	\$110.00	\$2,090.00	\$120.00	\$2,280.00	\$220.00	\$4,180.00	\$310.00	\$5,890.00
88	3" PVC SCH 80 DRAIN PIPE	371	\$15.00	LF	\$5,565.00	\$10.00	\$3,710.00	\$4.85	\$1,799.35	\$12.00	\$4,452.00	\$12.00	\$4,452.00
89	4" PVC SCH 80 DRAIN PIPE	64	\$25.00	LF	\$1,600.00	\$11.00	\$704.00	\$9.84	\$629.76	\$30.00	\$1,920.00	\$24.00	\$1,536.00
90	RELOCATE FIRE HYDRANT	1	\$7,500.00	EA	\$7,500.00	\$2,000.00	\$2,000.00	\$13,000.00	\$13,000.00	\$5,700.00	\$5,700.00	\$13,500.00	\$13,500.00

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate					(1) USS Cal Builders, Inc.		(2) Flatiron West		(3) Shimmick Construction Company, Inc.		(4) Beador Construction Company, Inc.		
(1) Preliminary Bid Amount					\$4,044,503.35		\$4,993,787.23		\$5,000,591.90		\$5,530,300.00		
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
91	RELOCATE LIGHT POLE	1	\$5,000.00	EA	\$5,000.00	\$5,300.00	\$5,300.00	\$9,000.00	\$9,000.00	\$8,500.00	\$8,500.00	\$5,000.00	\$5,000.00
92	TRAFFIC CONTROL (STAGE 1)	1	\$6,000.00	LS	\$6,000.00	\$10,000.00	\$10,000.00	\$19,000.00	\$19,000.00	\$11,000.00	\$11,000.00	\$5,500.00	\$5,500.00
93	TRAFFIC CONTROL (STAGE 2, PHASE 1)	1	\$3,000.00	LS	\$3,000.00	\$10,000.00	\$10,000.00	\$13,000.00	\$13,000.00	\$2,100.00	\$2,100.00	\$12,500.00	\$12,500.00
94	TRAFFIC CONTROL (STAGE 2, PHASE 2)	1	\$3,000.00	LS	\$3,000.00	\$10,000.00	\$10,000.00	\$8,400.00	\$8,400.00	\$2,400.00	\$2,400.00	\$5,500.00	\$5,500.00
95	TRAFFIC CONTROL (STAGE 3, PHASE 2)	1	\$6,000.00	LS	\$6,000.00	\$10,000.00	\$10,000.00	\$6,100.00	\$6,100.00	\$3,300.00	\$3,300.00	\$5,500.00	\$5,500.00
96	TRAFFIC CONTROL (STAGE 3, PHASE 1)	1	\$6,000.00	LS	\$6,000.00	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00	\$3,300.00	\$3,300.00	\$6,520.00	\$6,520.00
97	TEMPORARY RAILING (TYPE K)	500	\$25.00	LF	\$12,500.00	\$20.00	\$10,000.00	\$46.00	\$23,000.00	\$31.00	\$15,500.00	\$35.00	\$17,500.00
98	TEMPORARY CRASH CUSHION	5	\$1,500.00	EA	\$7,500.00	\$500.00	\$2,500.00	\$1,400.00	\$7,000.00	\$290.00	\$1,450.00	\$3,500.00	\$17,500.00
99	FLASHING ARROW SIGN	2	\$3,000.00	EA	\$6,000.00	\$3,600.00	\$7,200.00	\$4,700.00	\$9,400.00	\$5,300.00	\$10,600.00	\$2,750.00	\$5,500.00
100	CHANGEABLE MESSAGE SIGN	3	\$3,000.00	EA	\$9,000.00	\$9,200.00	\$27,600.00	\$5,000.00	\$15,000.00	\$15,500.00	\$46,500.00	\$5,500.00	\$16,500.00
101	HEIGHT RESTRICTION BARRIER	1	\$10,000.00	LS	\$10,000.00	\$1,000.00	\$1,000.00	\$7,600.00	\$7,600.00	\$10,000.00	\$10,000.00	\$16,500.00	\$16,500.00
102	RELOCATE EXISTING SIGN (PLAN TC, SHEET 8)	1	\$500.00	LS	\$500.00	\$200.00	\$200.00	\$540.00	\$540.00	\$530.00	\$530.00	\$320.00	\$320.00
103	3" CONDUIT (SCH 80 PVC)	80	\$35.00	LF	\$2,800.00	\$53.00	\$4,240.00	\$47.00	\$3,760.00	\$93.00	\$7,440.00	\$55.00	\$4,400.00
104	3" CONDUIT (GRC)	85	\$50.00	LF	\$4,250.00	\$68.90	\$5,856.50	\$78.00	\$6,630.00	\$140.00	\$11,900.00	\$70.00	\$5,950.00
105	4" CONDUIT (SCH 80 PVC)	220	\$80.00	LF	\$17,600.00	\$63.60	\$13,992.00	\$130.00	\$28,600.00	\$70.00	\$15,400.00	\$65.00	\$14,300.00
106	2-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	1	\$16,000.00	EA	\$16,000.00	\$29,264.50	\$29,264.50	\$67,000.00	\$67,000.00	\$32,500.00	\$32,500.00	\$30,000.00	\$30,000.00
107	REMOVE CONTROLLER	1	\$420.00	EA	\$420.00	\$530.00	\$530.00	\$340.00	\$340.00	\$230.00	\$230.00	\$550.00	\$550.00
108	REMOVE TYPE 2 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$350.00	EA	\$350.00	\$742.00	\$742.00	\$230.00	\$230.00	\$600.00	\$600.00	\$1,100.00	\$1,100.00

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate					(1) USS Cal Builders, Inc.		(2) Flatiron West		(3) Shimmick Construction Company, Inc.		(4) Beador Construction Company, Inc.		
(1) Preliminary Bid Amount					\$4,044,503.35		\$4,993,787.23		\$5,000,591.90		\$5,530,300.00		
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
109	REMOVE TYPE 15 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$450.00	EA	\$450.00	\$1,060.00	\$1,060.00	\$630.00	\$630.00	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00
110	REMOVE TYPE 17 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$560.00	EA	\$560.00	\$1,060.00	\$1,060.00	\$1,300.00	\$1,300.00	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00
111	REMOVE TYPE 26 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$650.00	EA	\$650.00	\$1,590.00	\$1,590.00	\$1,600.00	\$1,600.00	\$4,500.00	\$4,500.00	\$1,700.00	\$1,700.00
112	REMOVE TYPE 17 FOUNDATION	1	\$800.00	EA	\$800.00	\$1,802.00	\$1,802.00	\$4,400.00	\$4,400.00	\$1,100.00	\$1,100.00	\$1,900.00	\$1,900.00
113	REMOVE TYPE 26 FOUNDATION	1	\$1,000.00	EA	\$1,000.00	\$2,348.00	\$2,348.00	\$2,200.00	\$2,200.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00
114	REMOVE CONTROLLER FOUNDATION	1	\$1,000.00	EA	\$1,000.00	\$742.00	\$742.00	\$2,200.00	\$2,200.00	\$700.00	\$700.00	\$750.00	\$750.00
115	RELOCATE RETRO REFLECTIVE STREET NAME SIGN	4	\$380.00	EA	\$1,520.00	\$2,483.00	\$9,932.00	\$2,500.00	\$10,000.00	\$400.00	\$1,600.00	\$2,500.00	\$10,000.00
116	INSTALL TYPE 170 ATC/ HC-11 CONTROLLER AND TYPE 332 CABINET (COMPLETE)	1	\$1,200.00	EA	\$1,200.00	\$13,514.00	\$13,514.00	\$15,000.00	\$15,000.00	\$3,500.00	\$3,500.00	\$14,000.00	\$14,000.00
117	GPS UTB UNIT AND ANTENNA	1	\$1,600.00	EA	\$1,600.00	\$1,474.00	\$1,474.00	\$1,800.00	\$1,800.00	\$2,900.00	\$2,900.00	\$1,700.00	\$1,700.00
118	SWITCH PACK	6	\$120.00	EA	\$720.00	\$47.70	\$286.20	\$51.00	\$306.00	\$117.00	\$702.00	\$55.00	\$330.00
119	PED ISOLATION MODULE	2	\$120.00	EA	\$240.00	\$68.90	\$137.80	\$84.00	\$168.00	\$140.00	\$280.00	\$110.00	\$220.00
120	2-CHANNEL ILD SENSOR UNIT	4	\$300.00	EA	\$1,200.00	\$11.70	\$46.80	\$210.00	\$840.00	\$160.00	\$640.00	\$135.00	\$540.00
121	TYPE 332 CABINET	1	\$5,500.00	EA	\$5,500.00	\$5,300.00	\$5,300.00	\$680.00	\$680.00	\$15,000.00	\$15,000.00	\$5,500.00	\$5,500.00
122	TYPE 332 CABINET FOUNDATION	1	\$1,100.00	EA	\$1,100.00	\$1,590.00	\$1,590.00	\$1,300.00	\$1,300.00	\$1,750.00	\$1,750.00	\$1,600.00	\$1,600.00
123	TYPE 15 STANDARD	2	\$2,600.00	EA	\$5,200.00	\$3,201.25	\$6,402.50	\$3,100.00	\$6,200.00	\$5,000.00	\$10,000.00	\$3,300.00	\$6,600.00
124	TYPE 19 STANDARD	1	\$4,800.00	EA	\$4,800.00	\$7,892.75	\$7,892.75	\$8,900.00	\$8,900.00	\$11,000.00	\$11,000.00	\$8,000.00	\$8,000.00
125	TYPE 26 STANDARD	1	\$6,900.00	EA	\$6,900.00	\$9,941.75	\$9,941.75	\$14,000.00	\$14,000.00	\$12,800.00	\$12,800.00	\$10,000.00	\$10,000.00

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate						(1) USS Cal Builders, Inc.		(2) Flatiron West		(3) Shimmick Construction Company, Inc.		(4) Beador Construction Company, Inc.	
(1) Preliminary Bid Amount						\$4,044,503.35		\$4,993,787.23		\$5,000,591.90		\$5,530,300.00	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
126	TYPE 15 STANDARD FOUNDATION	2	\$1,800.00	EA	\$3,600.00	\$1,908.00	\$3,816.00	\$5,300.00	\$10,600.00	\$2,900.00	\$5,800.00	\$1,900.00	\$3,800.00
127	TYPE 19 STANDARD FOUNDATION	1	\$2,000.00	EA	\$2,000.00	\$3,710.00	\$3,710.00	\$5,600.00	\$5,600.00	\$6,000.00	\$6,000.00	\$3,800.00	\$3,800.00
128	TYPE 26 STANDARD FOUNDATION	1	\$3,000.00	EA	\$3,000.00	\$4,770.00	\$4,770.00	\$7,500.00	\$7,500.00	\$7,000.00	\$7,000.00	\$4,800.00	\$4,800.00
129	25' SIGNAL MAST ARM	1	\$2,300.00	EA	\$2,300.00	\$3,392.00	\$3,392.00	\$2,600.00	\$2,600.00	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00
130	40' SIGNAL MAST ARM	1	\$3,000.00	EA	\$3,000.00	\$4,452.00	\$4,452.00	\$3,800.00	\$3,800.00	\$3,500.00	\$3,500.00	\$4,500.00	\$4,500.00
131	15' LUMINAIRE MAST ARM	4	\$650.00	EA	\$2,600.00	\$954.00	\$3,816.00	\$1,600.00	\$6,400.00	\$1,100.00	\$4,400.00	\$970.00	\$3,880.00
132	PEDESTRIAN PUSH BUTTON EXTENSION	1	\$500.00	EA	\$500.00	\$265.00	\$265.00	\$550.00	\$550.00	\$350.00	\$350.00	\$320.00	\$320.00
133	SOUTHERN CALIF EDISON SERVICE FEE (ALLOWANCE)	8000	\$1.00	AL	\$8,000.00	\$1.00	\$8,000.00	\$1.00	\$8,000.00	\$1.00	\$8,000.00	\$1.00	\$8,000.00
134	TEMPORARY TRAFFIC SIGNAL SYSTEM AT BENCAMP STREET	1	\$100,000.00	LS	\$100,000.00	\$138,062.90	\$138,062.90	\$28,000.00	\$28,000.00	\$150,000.00	\$150,000.00	\$145,000.00	\$145,000.00
135	REMOVE DETAIL 8 (PAINT)	1259	\$3.00	LF	\$3,777.00	\$0.90	\$1,133.10	\$1.09	\$1,372.31	\$1.10	\$1,384.90	\$0.70	\$881.30
136	REMOVE DETAIL 21 (PAINT)	3614	\$3.00	LF	\$10,842.00	\$0.90	\$3,252.60	\$5.44	\$19,660.16	\$1.00	\$3,614.00	\$1.10	\$3,975.40
137	REMOVE DETAIL 22 (PAINT)	77	\$3.00	LF	\$231.00	\$0.90	\$69.30	\$6.53	\$502.81	\$3.60	\$277.20	\$3.00	\$231.00
138	REMOVE DETAIL 24 (PAINT)	1859	\$3.00	LF	\$5,577.00	\$0.90	\$1,673.10	\$2.23	\$4,145.57	\$1.00	\$1,859.00	\$0.75	\$1,394.25
139	REMOVE DETAIL 27B (PAINT)	5939	\$3.00	LF	\$17,817.00	\$0.90	\$5,345.10	\$2.23	\$13,243.97	\$1.00	\$5,939.00	\$0.70	\$4,157.30
140	REMOVE DETAIL 28 (PAINT)	748	\$3.00	LF	\$2,244.00	\$0.90	\$673.20	\$6.66	\$4,981.68	\$1.25	\$935.00	\$1.20	\$897.60
141	REMOVE DETAIL 37B (PAINT)	465	\$3.00	LF	\$1,395.00	\$0.90	\$418.50	\$1.09	\$506.85	\$1.25	\$581.25	\$1.20	\$558.00
142	REMOVE DETAIL 38 (PAINT)	112	\$3.00	LF	\$336.00	\$0.90	\$100.80	\$2.83	\$316.96	\$2.50	\$280.00	\$1.50	\$168.00
143	REMOVE DETAIL 38A (PAINT)	1053	\$3.00	LF	\$3,159.00	\$0.90	\$947.70	\$2.83	\$2,979.99	\$1.10	\$1,158.30	\$0.80	\$842.40
144	REMOVE DETAIL 40 (PAINT)	65	\$2.00	LF	\$130.00	\$0.90	\$58.50	\$1.09	\$70.85	\$4.00	\$260.00	\$1.70	\$110.50
145	REMOVE PAVEMENT MARKINGS (PAINT)	303	\$4.50	SF	\$1,363.50	\$1.45	\$439.35	\$7.07	\$2,142.21	\$2.00	\$606.00	\$3.40	\$1,030.20
146	REMOVE 12" STRIPING (PAINT)	160	\$4.00	LF	\$640.00	\$1.45	\$232.00	\$5.44	\$870.40	\$2.50	\$400.00	\$3.40	\$544.00

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate						(1) USS Cal Builders, Inc.		(2) Flatiron West		(3) Shimmick Construction Company, Inc.		(4) Beador Construction Company, Inc.	
(1) Preliminary Bid Amount						\$4,044,503.35		\$4,993,787.23		\$5,000,591.90		\$5,530,300.00	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
147	DETAIL 8 (ONE-COAT PAINT)	155	\$1.50	LF	\$232.50	\$0.45	\$69.75	\$0.27	\$41.85	\$1.50	\$232.50	\$0.70	\$108.50
148	DETAIL 21 (ONE-COAT PAINT)	2470	\$1.50	LF	\$3,705.00	\$0.50	\$1,235.00	\$0.38	\$938.60	\$0.55	\$1,358.50	\$0.60	\$1,482.00
149	DETAIL 24 (ONE-COAT PAINT)	1859	\$1.50	LF	\$2,788.50	\$0.25	\$464.75	\$0.33	\$613.47	\$0.35	\$650.65	\$0.50	\$929.50
150	DETAIL 27B (ONE-COAT PAINT)	5418	\$1.50	LF	\$8,127.00	\$0.25	\$1,354.50	\$0.33	\$1,787.94	\$0.25	\$1,354.50	\$0.40	\$2,167.20
151	DETAIL 28 (ONE-COAT PAINT)	851	\$3.00	LF	\$2,553.00	\$0.85	\$723.35	\$2.18	\$1,855.18	\$1.10	\$936.10	\$1.10	\$936.10
152	DETAIL 37B (ONE-COAT PAINT)	155	\$1.50	LF	\$232.50	\$0.45	\$69.75	\$0.27	\$41.85	\$1.60	\$248.00	\$1.00	\$155.00
153	DETAIL 38A (ONE-COAT PAINT)	712	\$1.50	LF	\$1,068.00	\$0.45	\$320.40	\$0.30	\$213.60	\$0.75	\$534.00	\$0.60	\$427.20
154	DETAIL 40 (ONE-COAT PAINT)	60	\$1.50	LF	\$90.00	\$0.25	\$15.00	\$0.22	\$13.20	\$3.55	\$213.00	\$1.80	\$108.00
155	DETAIL 22 (TWO-COAT PAINT)	77	\$3.00	LF	\$231.00	\$2.65	\$204.05	\$2.18	\$167.86	\$5.00	\$385.00	\$2.80	\$215.60
156	DETAIL 38 (TWO-COAT PAINT)	77	\$1.50	LF	\$115.50	\$2.65	\$204.05	\$2.18	\$167.86	\$5.00	\$385.00	\$2.80	\$215.60
157	DETAIL 9 (THERMOPLASTIC)	1530	\$1.50	LF	\$2,295.00	\$0.70	\$1,071.00	\$1.36	\$2,080.80	\$0.90	\$1,377.00	\$1.10	\$1,683.00
158	DETAIL 22 (THERMOPLASTIC)	500	\$2.50	LF	\$1,250.00	\$1.10	\$550.00	\$2.18	\$1,090.00	\$1.50	\$750.00	\$2.10	\$1,050.00
159	DETAIL 29 (THERMOPLASTIC)	470	\$3.00	LF	\$1,410.00	\$2.15	\$1,010.50	\$4.35	\$2,044.50	\$2.50	\$1,175.00	\$4.30	\$2,021.00
160	DETAIL 32 (THERMOPLASTIC)	155	\$2.00	LF	\$310.00	\$2.15	\$333.25	\$3.26	\$505.30	\$3.50	\$542.50	\$3.50	\$542.50
161	DETAIL 38 (THERMOPLASTIC)	80	\$1.50	LF	\$120.00	\$2.15	\$172.00	\$2.18	\$174.40	\$4.50	\$360.00	\$2.70	\$216.00
162	PAVEMENT MARKINGS (ONE-COAT PAINT)	178	\$3.00	SF	\$534.00	\$2.95	\$525.10	\$5.98	\$1,064.44	\$4.00	\$712.00	\$1.80	\$320.40
163	PAVEMENT MARKINGS (TWO-COAT PAINT)	30	\$3.50	SF	\$105.00	\$3.45	\$103.50	\$7.62	\$228.60	\$10.00	\$300.00	\$3.60	\$108.00

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate						(1) USS Cal Builders, Inc.		(2) Flatiron West		(3) Shimmick Construction Company, Inc.		(4) Beador Construction Company, Inc.	
(1) Preliminary Bid Amount						\$4,044,503.35		\$4,993,787.23		\$5,000,591.90		\$5,530,300.00	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
164	PAVEMENT MARKINGS (THERMOPLASTIC)	215	\$7.50	SF	\$1,612.50	\$6.10	\$1,311.50	\$8.70	\$1,870.50	\$7.00	\$1,505.00	\$5.50	\$1,182.50
165	4" STRIPING (ONE-COAT PAINT)	116	\$1.50	LF	\$174.00	\$0.25	\$29.00	\$1.09	\$126.44	\$2.00	\$232.00	\$0.90	\$104.40
166	8" STRIPING (ONE-COAT PAINT)	60	\$1.50	LF	\$90.00	\$0.45	\$27.00	\$1.09	\$65.40	\$3.50	\$210.00	\$1.80	\$108.00
167	12" STRIPING (ONE-COAT PAINT)	355	\$1.50	LF	\$532.50	\$2.15	\$763.25	\$5.44	\$1,931.20	\$3.00	\$1,065.00	\$1.80	\$639.00
168	12" STRIPING (THERMOPLASTIC)	455	\$3.50	LF	\$1,592.50	\$3.70	\$1,683.50	\$10.88	\$4,950.40	\$4.00	\$1,820.00	\$3.30	\$1,501.50
169	CURB MARKINGS (ONE-COAT PAINT)	10	\$2.00	LF	\$20.00	\$10.60	\$106.00	\$5.44	\$54.40	\$30.00	\$300.00	\$11.00	\$110.00
170	1-1/2" STREET LIGHT CONDUIT	40	\$25.00	LF	\$1,000.00	\$53.00	\$2,120.00	\$76.00	\$3,040.00	\$58.00	\$2,320.00	\$55.00	\$2,200.00
171	3" STREET LIGHT CONDUIT	748	\$30.00	LF	\$22,440.00	\$42.40	\$31,715.20	\$59.00	\$44,132.00	\$40.00	\$29,920.00	\$43.00	\$32,164.00
172	WIRE #10 (STREET LIGHT)	3550	\$1.00	LF	\$3,550.00	\$1.90	\$6,745.00	\$1.10	\$3,905.00	\$1.10	\$3,905.00	\$2.00	\$7,100.00
173	NO. 5 PULL BOX INCL PCC COVER (STREET LIGHT)	10	\$600.00	EA	\$6,000.00	\$57.00	\$570.00	\$870.00	\$8,700.00	\$500.00	\$5,000.00	\$55.00	\$550.00
174	FURNISH AND INSTALL UNDERGROUND ELECTRICAL SERVICE CONDUITS AND PULLBOX	1	\$7,500.00	LS	\$7,500.00	\$15,900.00	\$15,900.00	\$11,000.00	\$11,000.00	\$17,000.00	\$17,000.00	\$16,000.00	\$16,000.00
175	SERVICE PEDESTAL WITH FOUNDATION	1	\$5,000.00	EA	\$5,000.00	\$3,710.00	\$3,710.00	\$4,400.00	\$4,400.00	\$1,100.00	\$1,100.00	\$4,000.00	\$4,000.00
176	TYPE 15 STANDARD WITH 15' MAST ARM AND 150 W HPS LUMINAIRE (COMPLETE)	1	\$5,000.00	EA	\$5,000.00	\$6,360.00	\$6,360.00	\$4,800.00	\$4,800.00	\$7,000.00	\$7,000.00	\$6,500.00	\$6,500.00
177	CONCRETE STREET LIGHT STANDARD WITH 100 W HPS LUMINAIRE (COMPLETE)	1	\$10,000.00	EA	\$10,000.00	\$14,840.00	\$14,840.00	\$9,400.00	\$9,400.00	\$19,000.00	\$19,000.00	\$15,000.00	\$15,000.00
178	CONCRETE STREET LIGHT STANDARD WITH 150 W	4	\$12,000.00	EA	\$48,000.00	\$18,709.00	\$74,836.00	\$12,000.00	\$48,000.00	\$22,000.00	\$88,000.00	\$20,000.00	\$80,000.00

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash Project ID: RDC0012721 Bids Opened: 7/18/2017 Office Engineer: Robert Eisenhamer 626-458-3155													
<div> <div>Engineer's Estimate</div> <div>(1) USS Cal Builders, Inc.</div> <div>(2) Flatiron West</div> <div>(3) Shimmick Construction Company, Inc.</div> <div>(4) Beador Construction Company, Inc.</div> </div>													
<div> <div>(1) Preliminary Bid Amount</div> <div>\$4,044,503.35</div> <div>\$4,993,787.23</div> <div>\$5,000,591.90</div> <div>\$5,530,300.00</div> </div>													
<div> <div>(2) Unit Price Detail</div> <div> <div>Item</div> <div>Description</div> <div>Qty</div> <div>Unit Price</div> <div>Unit</div> <div>Amount</div> <div>Unit Price</div> <div>Amount</div> <div>Unit Price</div> <div>Amount</div> <div>Unit Price</div> <div>Amount</div> <div>Unit Price</div> <div>Amount</div> </div> </div>													
	HPS AND 50 W HPS LUMINAIRES (COMPLETE)												
179	CONCRETE PEDESTRIAN LIGHT STANDARD WITH 50 W HPS LUMINAIRE (COMPLETE)	2	\$5,000.00	EA	\$10,000.00	\$9,686.30	\$19,372.60	\$4,400.00	\$8,800.00	\$10,000.00	\$20,000.00	\$10,000.00	\$20,000.00
180	CONCRETE STREET LIGHT FOUNDATION PER STD PLAN 431	5	\$1,500.00	EA	\$7,500.00	\$1,272.00	\$6,360.00	\$4,400.00	\$22,000.00	\$1,700.00	\$8,500.00	\$1,300.00	\$6,500.00
181	CONCRETE STREET LIGHT FOUNDATION PER STD PLAN 433	2	\$1,250.00	EA	\$2,500.00	\$1,272.00	\$2,544.00	\$3,000.00	\$6,000.00	\$1,700.00	\$3,400.00	\$1,300.00	\$2,600.00
182	REMOVE BENCAMP STREET DETOUR RAMP	1	\$10,000.00	LS	\$10,000.00	\$5,000.00	\$5,000.00	\$18,000.00	\$18,000.00	\$9,000.00	\$9,000.00	\$30,000.00	\$30,000.00
Unit Price Total					\$3,784,152.00	\$4,780,685.15		\$4,993,787.23		\$5,000,591.90		\$5,532,820.00	
(3) Local Small Business Enterprise (LSBE) Preference Amount							\$0.00	\$0.00		\$0.00		\$0.00	
(4) LSBE Adjusted Amount							\$4,780,685.15	\$4,993,787.23		\$5,000,591.90		\$5,532,820.00	
Comments							NON RESPONSIVE	NON RESPONSIVE		APPARENT LOW BIDDER			



County of Los Angeles Department of Public Works
Construction Division
BID SUMMARY
(sorted by Unit Price Total)

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash

Project ID: RDC0012721

Bids Opened: 7/18/2017

Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate					(5) Powell Constructors, Inc.	(6) KEC Engineering		(7) Griffith Company					
(1) Preliminary Bid Amount					\$5,595,150.10	\$5,771,984.06		\$6,169,011.26					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	CONSTRUCTION SCHEDULE (BASELINE) (STIPULATED UNIT PRICE OF \$5,000)	1	\$5,000.00	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00		
2	CONSTRUCTION SCHEDULE (UPDATE) (STIPULATED UNIT PRICE OF \$500.00/MTH)	9	\$500.00	MTH	\$4,500.00	\$500.00	\$4,500.00	\$500.00	\$4,500.00	\$500.00	\$4,500.00		
3	CONSTRUCTION SCHEDULE (AS BUILT) (STIPULATED UNIT PRICE OF \$1,000)	1	\$1,000.00	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00		
4	PREPARATION OF THE SWPPP (STIPULATED UNIT PRICE OF \$5,000)	1	\$5,000.00	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00		
5	IMPLEMENTATION OF THE SWPPP	1	\$20,000.00	LS	\$20,000.00	\$100,000.00	\$100,000.00	\$38,000.00	\$38,000.00	\$120,000.00	\$120,000.00		
6	SHORING OF OPEN EXCAVATIONS	1	\$5,000.00	LS	\$5,000.00	\$250.00	\$250.00	\$20,000.00	\$20,000.00	\$25,800.00	\$25,800.00		
7	PREPARATION OF THE SURFACE WATER DIVERSION PLAN (STIPULATED UNIT PRICE OF \$5,000)	1	\$5,000.00	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00		
8	IMPLEMENTATION OF THE SURFACE WATER DIVERSION PLAN	6	\$2,500.00	MTH	\$15,000.00	\$3,000.00	\$18,000.00	\$7,500.00	\$45,000.00	\$500.00	\$3,000.00		

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate					(5) Powell Constructors, Inc.	(6) KEC Engineering		(7) Griffith Company					
(1) Preliminary Bid Amount					\$5,595,150.10		\$5,771,984.06		\$6,169,011.26				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
9	SURFACE WATER DIVERSION STRUCTURE (STAGE ONE)	1	\$25,000.00	LS	\$25,000.00	\$80,000.00	\$80,000.00	\$153,000.00	\$153,000.00	\$56,000.00	\$56,000.00		
10	SURFACE WATER DIVERSION STRUCTURE (STAGE TWO)	1	\$25,000.00	LS	\$25,000.00	\$80,000.00	\$80,000.00	\$112,000.00	\$112,000.00	\$66,000.00	\$66,000.00		
11	REMOVE SURFACE WATER DIVERSION STRUCTURE (STAGE ONE)	1	\$5,000.00	LS	\$5,000.00	\$45,000.00	\$45,000.00	\$90,000.00	\$90,000.00	\$28,000.00	\$28,000.00		
12	REMOVE SURFACE WATER DIVERSION STRUCTURE (STAGE TWO)	1	\$5,000.00	LS	\$5,000.00	\$45,000.00	\$45,000.00	\$90,000.00	\$90,000.00	\$28,000.00	\$28,000.00		
13	PREPARATION OF THE LEAD-CONTAMINATED SMP (STIPULATED UNIT PRICE OF \$2,500)	1	\$2,500.00	LS	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00		
14	EXCAVATION, TRANSPORTATION, AND DISPOSAL OF LEAD CONTAMINATED SOIL	78	\$150.00	TON	\$11,700.00	\$120.00	\$9,360.00	\$400.00	\$31,200.00	\$100.00	\$7,800.00		
15	PREPARATION OF THE LBP/LCP REMOVAL PLAN (STIPULATED UNIT PRICE OF \$5,000)	1	\$5,000.00	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00		
16	REMOVAL AND DISPOSAL OF LBP/LCP	1	\$15,000.00	LS	\$15,000.00	\$50,000.00	\$50,000.00	\$70,000.00	\$70,000.00	\$3,000.00	\$3,000.00		
17	PREPARATION OF THE SITE-SPECIFIC HEALTH AND SAFETY PLAN (STIPULATED UNIT PRICE OF \$5,000)	1	\$5,000.00	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00		
18	IMPLEMENTATION OF THE SSHSP	9	\$1,000.00	MTH	\$9,000.00	\$5,000.00	\$45,000.00	\$3,500.00	\$31,500.00	\$3,000.00	\$27,000.00		
19	OFFICE FACILITIES	9	\$2,000.00	MTH	\$18,000.00	\$3,000.00	\$27,000.00	\$5,000.00	\$45,000.00	\$3,500.00	\$31,500.00		
20	MOBILIZATION	1	\$100,000.00	LS	\$100,000.00	\$525,000.00	\$525,000.00	\$25,000.00	\$25,000.00	\$560,000.00	\$560,000.00		
21	CLEARING AND GRUBBING	1	\$5,000.00	LS	\$5,000.00	\$55,000.00	\$55,000.00	\$13,500.00	\$13,500.00	\$14,400.00	\$14,400.00		

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate					(5) Powell Constructors, Inc.	(6) KEC Engineering	(7) Griffith Company						
(1) Preliminary Bid Amount					\$5,595,150.10	\$5,771,984.06	\$6,169,011.26						
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
22	RELOCATE EXISTING BUS SHELTER	1	\$5,000.00	EA	\$5,000.00	\$3,000.00	\$3,000.00	\$7,000.00	\$7,000.00	\$1,900.00	\$1,900.00		
23	CONCRETE REMOVAL (NON-REINFORCED)	760	\$90.00	CY	\$68,400.00	\$120.00	\$91,200.00	\$100.00	\$76,000.00	\$130.00	\$98,800.00		
24	CONCRETE REMOVAL (REINFORCED)	12	\$250.00	CY	\$3,000.00	\$470.00	\$5,640.00	\$125.00	\$1,500.00	\$426.00	\$5,112.00		
25	REINFORCED CONCRETE REMOVAL AT EXISTING PARKING STRUCTURE	2	\$1,000.00	CY	\$2,000.00	\$780.00	\$1,560.00	\$1,200.00	\$2,400.00	\$290.00	\$580.00		
26	CMU WALL AND FOUNDATION REMOVAL AT EXISTING PARKING STRUCTURE	15	\$200.00	LF	\$3,000.00	\$100.00	\$1,500.00	\$150.00	\$2,250.00	\$230.00	\$3,450.00		
27	METAL RAIL REMOVAL AT EXISTING PARKING STRUCTURE	25	\$25.00	LF	\$625.00	\$37.00	\$925.00	\$90.00	\$2,250.00	\$46.00	\$1,150.00		
28	BRIDGE REMOVAL (STAGE ONE)	1	\$45,000.00	LS	\$45,000.00	\$130,000.00	\$130,000.00	\$100,000.00	\$100,000.00	\$150,000.00	\$150,000.00		
29	BRIDGE REMOVAL (STAGE TWO)	1	\$55,000.00	LS	\$55,000.00	\$190,000.00	\$190,000.00	\$130,000.00	\$130,000.00	\$150,000.00	\$150,000.00		
30	TEMPORARY VERTICAL SHORING (STAGE ONE)	1	\$200,000.00	LS	\$200,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$130,000.00	\$130,000.00		
31	TEMPORARY VERTICAL SHORING (STAGE TWO)	1	\$300,000.00	LS	\$300,000.00	\$170,000.00	\$170,000.00	\$180,000.00	\$180,000.00	\$180,000.00	\$180,000.00		
32	TEMPORARY BALLAST (STAGE ONE)	1	\$10,000.00	LS	\$10,000.00	\$30,000.00	\$30,000.00	\$45,000.00	\$45,000.00	\$60,000.00	\$60,000.00		
33	TEMPORARY BALLAST (STAGE TWO)	1	\$10,000.00	LS	\$10,000.00	\$18,000.00	\$18,000.00	\$33,000.00	\$33,000.00	\$35,000.00	\$35,000.00		
34	TEMPORARY UTILITY SUPPORT (AT&T CONDUITS)	1	\$55,000.00	LS	\$55,000.00	\$60,000.00	\$60,000.00	\$167,000.00	\$167,000.00	\$150,000.00	\$150,000.00		
35	UNCLASSIFIED EXCAVATION	1299	\$40.00	CY	\$51,960.00	\$90.00	\$116,910.00	\$80.00	\$103,920.00	\$66.50	\$86,383.50		
36	STRUCTURE EXCAVATION (BRIDGE)	2170	\$40.00	CY	\$86,800.00	\$100.00	\$217,000.00	\$115.00	\$249,550.00	\$51.00	\$110,670.00		
37	STRUCTURE BACKFILL (BRIDGE)	2000	\$50.00	CY	\$100,000.00	\$100.00	\$200,000.00	\$130.00	\$260,000.00	\$86.00	\$172,000.00		

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate					(5) Powell Constructors, Inc.	(6) KEC Engineering	(7) Griffith Company						
(1) Preliminary Bid Amount					\$5,595,150.10	\$5,771,984.06	\$6,169,011.26						
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
38	FILTER MATERIAL (CEMENT TREATED PERMEABLE BASE)	8	\$500.00	CY	\$4,000.00	\$400.00	\$3,200.00	\$420.00	\$3,360.00	\$1,100.00	\$8,800.00		
39	FILTER FABRIC	76	\$10.00	SY	\$760.00	\$3.00	\$228.00	\$53.00	\$4,028.00	\$17.00	\$1,292.00		
40	GEOCOMPOSITE WALL DRAIN	4860	\$8.00	SF	\$38,880.00	\$7.00	\$34,020.00	\$9.00	\$43,740.00	\$4.00	\$19,440.00		
41	CRUSHED MISCELLANEOUS BASE	898	\$60.00	CY	\$53,880.00	\$65.00	\$58,370.00	\$50.00	\$44,900.00	\$76.30	\$68,517.40		
42	AC PAVEMENT	1343	\$95.00	TON	\$127,585.00	\$90.00	\$120,870.00	\$94.00	\$126,242.00	\$146.00	\$196,078.00		
43	AC PAVEMENT(DRIVEWAYS)	6	\$300.00	TON	\$1,800.00	\$400.00	\$2,400.00	\$160.00	\$960.00	\$1,010.00	\$6,060.00		
44	RECONSTRUCT MANHOLE	3	\$1,200.00	EA	\$3,600.00	\$9,000.00	\$27,000.00	\$4,200.00	\$12,600.00	\$2,570.00	\$7,710.00		
45	ADJUST MANHOLE	3	\$1,000.00	EA	\$3,000.00	\$1,000.00	\$3,000.00	\$1,500.00	\$4,500.00	\$1,920.00	\$5,760.00		
46	PCC PAVEMENT	111	\$230.00	CY	\$25,530.00	\$470.00	\$52,170.00	\$345.00	\$38,295.00	\$598.00	\$66,378.00		
47	STRUCTURE CONCRETE (BRIDGE)	734	\$850.00	CY	\$623,900.00	\$1,250.00	\$917,500.00	\$990.00	\$726,660.00	\$1,230.00	\$902,820.00		
48	STRUCTURE CONCRETE (FOOTING)	437	\$400.00	CY	\$174,800.00	\$500.00	\$218,500.00	\$575.00	\$251,275.00	\$400.00	\$174,800.00		
49	MINOR CONCRETE (DRAINAGE PAD)	2	\$500.00	CY	\$1,000.00	\$350.00	\$700.00	\$1,300.00	\$2,600.00	\$2,900.00	\$5,800.00		
50	MINOR CONCRETE (BRIDGE CURB RAMP)	2	\$1,000.00	CY	\$2,000.00	\$1,100.00	\$2,200.00	\$1,800.00	\$3,600.00	\$2,600.00	\$5,200.00		
51	MINOR CONCRETE (BRIDGE SIDEWALK)	2	\$500.00	CY	\$1,000.00	\$500.00	\$1,000.00	\$1,400.00	\$2,800.00	\$5,000.00	\$10,000.00		
52	CONCRETE BARRIER (TYPE 26 MODIFIED W/ SIDEWALK)	150	\$200.00	LF	\$30,000.00	\$280.00	\$42,000.00	\$310.00	\$46,500.00	\$406.00	\$60,900.00		
53	CONCRETE BARRIER (TYPE 26 MODIFIED W/O SIDEWALK)	30	\$150.00	LF	\$4,500.00	\$150.00	\$4,500.00	\$265.00	\$7,950.00	\$372.00	\$11,160.00		
54	CONCRETE BARRIER (TYPE 26 MODIFIED W/ CURB RAMP)	27	\$250.00	LF	\$6,750.00	\$380.00	\$10,260.00	\$355.00	\$9,585.00	\$397.00	\$10,719.00		
55	CONCRETE BARRIER (TYPE 26 MODIFIED W/ SIDEWALK & STEEL COVER PLATE)	31	\$300.00	LF	\$9,300.00	\$580.00	\$17,980.00	\$625.00	\$19,375.00	\$500.00	\$15,500.00		
56	AESTHETIC TREATMENT FOR CONCRETE BARRIER	238	\$60.00	LF	\$14,280.00	\$100.00	\$23,800.00	\$110.00	\$26,180.00	\$7.00	\$1,666.00		

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate						(5) Powell Constructors, Inc.		(6) KEC Engineering		(7) Griffith Company			
(1) Preliminary Bid Amount						\$5,595,150.10		\$5,771,984.06		\$6,169,011.26			
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
57	BAR REINFORCING STEEL (BRIDGE)	196000	\$1.25	LB	\$245,000.00	\$1.10	\$215,600.00	\$1.07	\$209,720.00	\$1.50	\$294,000.00		
58	JOINT SEAL, TYPE A	285	\$30.00	LF	\$8,550.00	\$40.00	\$11,400.00	\$190.00	\$54,150.00	\$76.00	\$21,660.00		
59	JOINT SEAL	364	\$15.00	LF	\$5,460.00	\$25.00	\$9,100.00	\$21.00	\$7,644.00	\$75.00	\$27,300.00		
60	CATCH BASIN PER STD PLAN 300, W=18	1	\$8,000.00	EA	\$8,000.00	\$14,500.00	\$14,500.00	\$22,000.00	\$22,000.00	\$33,500.00	\$33,500.00		
61	CATCH BASIN PER STD PLAN 300, W=4	1	\$5,000.00	EA	\$5,000.00	\$6,000.00	\$6,000.00	\$9,000.00	\$9,000.00	\$9,800.00	\$9,800.00		
62	CATCH BASIN PER STD PLAN 300, W=7	2	\$6,000.00	EA	\$12,000.00	\$7,800.00	\$15,600.00	\$11,000.00	\$22,000.00	\$15,400.00	\$30,800.00		
63	REINFORCED CONCRETE BLOCK WALL PER STD PLAN 601, TYPE 1 (H=6')	52	\$300.00	LF	\$15,600.00	\$270.00	\$14,040.00	\$630.00	\$32,760.00	\$282.00	\$14,664.00		
64	SHOTCRETE REINFORCED WITH WELDED WIRE FABRIC	15	\$150.00	SF	\$2,250.00	\$500.00	\$7,500.00	\$365.00	\$5,475.00	\$270.00	\$4,050.00		
65	ERECT PRESTRESSED GIRDERS	17	\$5,000.00	EA	\$85,000.00	\$3,000.00	\$51,000.00	\$3,200.00	\$54,400.00	\$4,000.00	\$68,000.00		
66	FURNISH PRESTRESSED I GIRDERS, 80' LONG	17	\$16,000.00	EA	\$272,000.00	\$17,000.00	\$289,000.00	\$20,000.00	\$340,000.00	\$16,700.00	\$283,900.00		
67	PCC CURB, TYPE A1-6	21	\$20.00	LF	\$420.00	\$65.00	\$1,365.00	\$100.00	\$2,100.00	\$72.00	\$1,512.00		
68	PCC CURB, TYPE A1-8	39	\$20.00	LF	\$780.00	\$65.00	\$2,535.00	\$55.00	\$2,145.00	\$52.00	\$2,028.00		
69	PCC CURB, TYPE A1-VAR	120	\$20.00	LF	\$2,400.00	\$40.00	\$4,800.00	\$40.00	\$4,800.00	\$57.00	\$6,840.00		
70	PCC CURB & GUTTER, TYPE A2-8	1066	\$25.00	LF	\$26,650.00	\$45.00	\$47,970.00	\$30.00	\$31,980.00	\$56.00	\$59,696.00		
71	PCC WALK, 4" THICK	6253	\$5.00	SF	\$31,265.00	\$6.50	\$40,644.50	\$5.00	\$31,265.00	\$10.00	\$62,530.00		
72	PCC CURB RAMP, 4" THICK	22	\$250.00	SF	\$5,500.00	\$60.00	\$1,320.00	\$220.00	\$4,840.00	\$171.00	\$3,762.00		
73	PCC DRIVEWAYS, 6" THICK	886	\$7.00	SF	\$6,202.00	\$12.00	\$10,632.00	\$15.00	\$13,290.00	\$14.00	\$12,404.00		
74	DETECTABLE WARNING SURFACE	90	\$35.00	SF	\$3,150.00	\$20.00	\$1,800.00	\$35.00	\$3,150.00	\$43.00	\$3,870.00		
75	DETECTABLE WARNING SURFACE (BRIDGE CURB RAMP)	33	\$50.00	SF	\$1,650.00	\$20.00	\$660.00	\$35.00	\$1,155.00	\$50.00	\$1,650.00		
76	CROSS GUTTER	28	\$250.00	CY	\$7,000.00	\$500.00	\$14,000.00	\$415.00	\$11,620.00	\$821.00	\$22,988.00		

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate					(5) Powell Constructors, Inc.	(6) KEC Engineering		(7) Griffith Company					
(1) Preliminary Bid Amount					\$5,595,150.10	\$5,771,984.06		\$6,169,011.26					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
77	CONSTRUCT BENCAMP STREET DETOUR RAMP (PLAN RD, SHEET 4)	1	\$75,000.00	LS	\$75,000.00	\$80,000.00	\$80,000.00	\$108,000.00	\$108,000.00	\$84,500.00	\$84,500.00		
78	BARRICADE POSTS, STD PLAN W-14	1	\$1,000.00	EA	\$1,000.00	\$900.00	\$900.00	\$2,000.00	\$2,000.00	\$1,740.00	\$1,740.00		
79	4' PICKET RAILING (MODIFIED)	238	\$100.00	LF	\$23,800.00	\$245.00	\$58,310.00	\$310.00	\$73,780.00	\$248.00	\$59,024.00		
80	AESTHETIC TREATMENT FOR PICKET RAILING	238	\$20.00	LF	\$4,760.00	\$190.00	\$45,220.00	\$240.00	\$57,120.00	\$190.00	\$45,220.00		
81	24" RUBBER GASKETED RCP, 1500 D	11	\$250.00	LF	\$2,750.00	\$140.00	\$1,540.00	\$278.00	\$3,058.00	\$720.00	\$7,920.00		
82	36" RUBBER GASKETED RCP, 1500 D	16	\$300.00	LF	\$4,800.00	\$200.00	\$3,200.00	\$197.00	\$3,152.00	\$580.00	\$9,280.00		
83	24" CONCRETE COLLAR	1	\$1,500.00	EA	\$1,500.00	\$500.00	\$500.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,800.00		
84	36" CONCRETE COLLAR	1	\$2,000.00	EA	\$2,000.00	\$500.00	\$500.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,800.00		
85	18" CMP, GAGE 14	3	\$200.00	LF	\$600.00	\$250.00	\$750.00	\$465.00	\$1,395.00	\$2,300.00	\$6,900.00		
86	24" CMP, GAGE 14	5	\$200.00	LF	\$1,000.00	\$250.00	\$1,250.00	\$305.00	\$1,525.00	\$1,490.00	\$7,450.00		
87	36" CMP, GAGE 14	19	\$200.00	LF	\$3,800.00	\$120.00	\$2,280.00	\$175.00	\$3,325.00	\$850.00	\$16,150.00		
88	3" PVC SCH 80 DRAIN PIPE	371	\$15.00	LF	\$5,565.00	\$10.00	\$3,710.00	\$20.00	\$7,420.00	\$30.00	\$11,130.00		
89	4" PVC SCH 80 DRAIN PIPE	64	\$25.00	LF	\$1,600.00	\$12.00	\$768.00	\$45.00	\$2,880.00	\$30.00	\$1,920.00		
90	RELOCATE FIRE HYDRANT	1	\$7,500.00	EA	\$7,500.00	\$7,000.00	\$7,000.00	\$9,000.00	\$9,000.00	\$13,600.00	\$13,600.00		
91	RELOCATE LIGHT POLE	1	\$5,000.00	EA	\$5,000.00	\$5,000.00	\$5,000.00	\$12,000.00	\$12,000.00	\$11,000.00	\$11,000.00		
92	TRAFFIC CONTROL (STAGE 1)	1	\$6,000.00	LS	\$6,000.00	\$15,000.00	\$15,000.00	\$12,000.00	\$12,000.00	\$65,000.00	\$65,000.00		
93	TRAFFIC CONTROL (STAGE 2, PHASE 1)	1	\$3,000.00	LS	\$3,000.00	\$24,000.00	\$24,000.00	\$12,000.00	\$12,000.00	\$55,000.00	\$55,000.00		
94	TRAFFIC CONTROL (STAGE 2, PHASE 2)	1	\$3,000.00	LS	\$3,000.00	\$55,000.00	\$55,000.00	\$12,000.00	\$12,000.00	\$50,000.00	\$50,000.00		
95	TRAFFIC CONTROL (STAGE 3, PHASE 2)	1	\$6,000.00	LS	\$6,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$45,000.00	\$45,000.00		
96	TRAFFIC CONTROL (STAGE 3, PHASE 1)	1	\$6,000.00	LS	\$6,000.00	\$15,000.00	\$15,000.00	\$12,000.00	\$12,000.00	\$45,000.00	\$45,000.00		
97	TEMPORARY RAILING (TYPE K)	500	\$25.00	LF	\$12,500.00	\$30.00	\$15,000.00	\$38.00	\$19,000.00	\$130.00	\$65,000.00		

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate					(5) Powell Constructors, Inc.		(6) KEC Engineering		(7) Griffith Company				
(1) Preliminary Bid Amount					\$5,595,150.10		\$5,771,984.06		\$6,169,011.26				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
98	TEMPORARY CRASH CUSHION	5	\$1,500.00	EA	\$7,500.00	\$1,500.00	\$7,500.00	\$1,100.00	\$5,500.00	\$3,500.00	\$17,500.00		
99	FLASHING ARROW SIGN	2	\$3,000.00	EA	\$6,000.00	\$2,500.00	\$5,000.00	\$3,600.00	\$7,200.00	\$5,700.00	\$11,400.00		
100	CHANGEABLE MESSAGE SIGN	3	\$3,000.00	EA	\$9,000.00	\$10,000.00	\$30,000.00	\$3,600.00	\$10,800.00	\$17,000.00	\$51,000.00		
101	HEIGHT RESTRICTION BARRIER	1	\$10,000.00	LS	\$10,000.00	\$8,000.00	\$8,000.00	\$23,000.00	\$23,000.00	\$20,000.00	\$20,000.00		
102	RELOCATE EXISTING SIGN (PLAN TC, SHEET 8)	1	\$500.00	LS	\$500.00	\$350.00	\$350.00	\$725.00	\$725.00	\$1,800.00	\$1,800.00		
103	3" CONDUIT (SCH 80 PVC)	80	\$35.00	LF	\$2,800.00	\$25.00	\$2,000.00	\$100.00	\$8,000.00	\$47.50	\$3,800.00		
104	3" CONDUIT (GRC)	85	\$50.00	LF	\$4,250.00	\$45.00	\$3,825.00	\$160.00	\$13,600.00	\$137.00	\$11,645.00		
105	4" CONDUIT (SCH 80 PVC)	220	\$80.00	LF	\$17,600.00	\$35.00	\$7,700.00	\$80.00	\$17,600.00	\$58.00	\$12,760.00		
106	2-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	1	\$16,000.00	EA	\$16,000.00	\$15,000.00	\$15,000.00	\$40,000.00	\$40,000.00	\$31,700.00	\$31,700.00		
107	REMOVE CONTROLLER	1	\$420.00	EA	\$420.00	\$200.00	\$200.00	\$265.00	\$265.00	\$1,060.00	\$1,060.00		
108	REMOVE TYPE 2 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$350.00	EA	\$350.00	\$200.00	\$200.00	\$660.00	\$660.00	\$1,580.00	\$1,580.00		
109	REMOVE TYPE 15 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$450.00	EA	\$450.00	\$850.00	\$850.00	\$1,000.00	\$1,000.00	\$2,950.00	\$2,950.00		
110	REMOVE TYPE 17 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$560.00	EA	\$560.00	\$1,200.00	\$1,200.00	\$1,000.00	\$1,000.00	\$3,690.00	\$3,690.00		
111	REMOVE TYPE 26 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$650.00	EA	\$650.00	\$1,200.00	\$1,200.00	\$2,000.00	\$2,000.00	\$4,750.00	\$4,750.00		
112	REMOVE TYPE 17 FOUNDATION	1	\$800.00	EA	\$800.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,220.00	\$2,220.00		
113	REMOVE TYPE 26 FOUNDATION	1	\$1,000.00	EA	\$1,000.00	\$2,500.00	\$2,500.00	\$3,300.00	\$3,300.00	\$3,170.00	\$3,170.00		
114	REMOVE CONTROLLER FOUNDATION	1	\$1,000.00	EA	\$1,000.00	\$750.00	\$750.00	\$660.00	\$660.00	\$844.00	\$844.00		

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate					(5) Powell Constructors, Inc.	(6) KEC Engineering	(7) Griffith Company						
(1) Preliminary Bid Amount					\$5,595,150.10	\$5,771,984.06	\$6,169,011.26						
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
115	RELOCATE RETRO REFLECTIVE STREET NAME SIGN	4	\$380.00	EA	\$1,520.00	\$300.00	\$1,200.00	\$530.00	\$2,120.00	\$3,010.00	\$12,040.00		
116	INSTALL TYPE 170 ATC/HC-11 CONTROLLER AND TYPE 332 CABINET (COMPLETE)	1	\$1,200.00	EA	\$1,200.00	\$15,000.00	\$15,000.00	\$4,000.00	\$4,000.00	\$18,500.00	\$18,500.00		
117	GPS UTB UNIT AND ANTENNA	1	\$1,600.00	EA	\$1,600.00	\$1,500.00	\$1,500.00	\$3,300.00	\$3,300.00	\$1,580.00	\$1,580.00		
118	SWITCH PACK	6	\$120.00	EA	\$720.00	\$30.00	\$180.00	\$130.00	\$780.00	\$369.00	\$2,214.00		
119	PED ISOLATION MODULE	2	\$120.00	EA	\$240.00	\$60.00	\$120.00	\$160.00	\$320.00	\$185.00	\$370.00		
120	2-CHANNEL ILD SENSOR UNIT	4	\$300.00	EA	\$1,200.00	\$100.00	\$400.00	\$185.00	\$740.00	\$475.00	\$1,900.00		
121	TYPE 332 CABINET	1	\$5,500.00	EA	\$5,500.00	\$15,000.00	\$15,000.00	\$17,000.00	\$17,000.00	\$15,800.00	\$15,800.00		
122	TYPE 332 CABINET FOUNDATION	1	\$1,100.00	EA	\$1,100.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$1,580.00	\$1,580.00		
123	TYPE 15 STANDARD	2	\$2,600.00	EA	\$5,200.00	\$3,000.00	\$6,000.00	\$6,000.00	\$12,000.00	\$3,590.00	\$7,180.00		
124	TYPE 19 STANDARD	1	\$4,800.00	EA	\$4,800.00	\$11,000.00	\$11,000.00	\$13,000.00	\$13,000.00	\$8,650.00	\$8,650.00		
125	TYPE 26 STANDARD	1	\$6,900.00	EA	\$6,900.00	\$12,000.00	\$12,000.00	\$14,500.00	\$14,500.00	\$9,760.00	\$9,760.00		
126	TYPE 15 STANDARD FOUNDATION	2	\$1,800.00	EA	\$3,600.00	\$1,500.00	\$3,000.00	\$3,300.00	\$6,600.00	\$2,900.00	\$5,800.00		
127	TYPE 19 STANDARD FOUNDATION	1	\$2,000.00	EA	\$2,000.00	\$3,500.00	\$3,500.00	\$7,300.00	\$7,300.00	\$4,850.00	\$4,850.00		
128	TYPE 26 STANDARD FOUNDATION	1	\$3,000.00	EA	\$3,000.00	\$5,000.00	\$5,000.00	\$8,000.00	\$8,000.00	\$5,860.00	\$5,860.00		
129	25' SIGNAL MAST ARM	1	\$2,300.00	EA	\$2,300.00	\$2,200.00	\$2,200.00	\$3,300.00	\$3,300.00	\$3,380.00	\$3,380.00		
130	40' SIGNAL MAST ARM	1	\$3,000.00	EA	\$3,000.00	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00	\$5,280.00	\$5,280.00		
131	15' LUMINAIRE MAST ARM	4	\$650.00	EA	\$2,600.00	\$115.00	\$460.00	\$1,300.00	\$5,200.00	\$1,320.00	\$5,280.00		
132	PEDESTRIAN PUSH BUTTON EXTENSION	1	\$500.00	EA	\$500.00	\$250.00	\$250.00	\$400.00	\$400.00	\$369.00	\$369.00		
133	SOUTHERN CALIF EDISON SERVICE FEE (ALLOWANCE)	8000	\$1.00	AL	\$8,000.00	\$1.00	\$8,000.00	\$1.00	\$8,000.00	\$1.00	\$8,000.00		
134	TEMPORARY TRAFFIC SIGNAL SYSTEM AT BENCAMP STREET	1	\$100,000.00	LS	\$100,000.00	\$70,000.00	\$70,000.00	\$257,000.00	\$257,000.00	\$153,000.00	\$153,000.00		
135	REMOVE DETAIL 8 (PAINT)	1259	\$3.00	LF	\$3,777.00	\$0.85	\$1,070.15	\$1.25	\$1,573.75	\$1.00	\$1,259.00		

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate					(5) Powell Constructors, Inc.	(6) KEC Engineering	(7) Griffith Company						
(1) Preliminary Bid Amount					\$5,595,150.10	\$5,771,984.06	\$6,169,011.26						
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
136	REMOVE DETAIL 21 (PAINT)	3614	\$3.00	LF	\$10,842.00	\$0.85	\$3,071.90	\$6.30	\$22,768.20	\$5.00	\$18,070.00		
137	REMOVE DETAIL 22 (PAINT)	77	\$3.00	LF	\$231.00	\$0.85	\$65.45	\$7.50	\$577.50	\$6.00	\$462.00		
138	REMOVE DETAIL 24 (PAINT)	1859	\$3.00	LF	\$5,577.00	\$0.85	\$1,580.15	\$2.50	\$4,647.50	\$2.05	\$3,810.95		
139	REMOVE DETAIL 27B (PAINT)	5939	\$3.00	LF	\$17,817.00	\$0.85	\$5,048.15	\$2.50	\$14,847.50	\$2.05	\$12,174.95		
140	REMOVE DETAIL 28 (PAINT)	748	\$3.00	LF	\$2,244.00	\$0.85	\$635.80	\$7.70	\$5,759.60	\$6.10	\$4,562.80		
141	REMOVE DETAIL 37B (PAINT)	465	\$3.00	LF	\$1,395.00	\$0.85	\$395.25	\$1.25	\$581.25	\$1.00	\$465.00		
142	REMOVE DETAIL 38 (PAINT)	112	\$3.00	LF	\$336.00	\$0.85	\$95.20	\$3.25	\$364.00	\$2.60	\$291.20		
143	REMOVE DETAIL 38A (PAINT)	1053	\$3.00	LF	\$3,159.00	\$0.85	\$895.05	\$3.25	\$3,422.25	\$2.60	\$2,737.80		
144	REMOVE DETAIL 40 (PAINT)	65	\$2.00	LF	\$130.00	\$0.85	\$55.25	\$1.25	\$81.25	\$1.00	\$65.00		
145	REMOVE PAVEMENT MARKINGS (PAINT)	303	\$4.50	SF	\$1,363.50	\$1.35	\$409.05	\$8.20	\$2,484.60	\$6.50	\$1,969.50		
146	REMOVE 12" STRIPING (PAINT)	160	\$4.00	LF	\$640.00	\$1.35	\$216.00	\$6.30	\$1,008.00	\$5.00	\$800.00		
147	DETAIL 8 (ONE-COAT PAINT)	155	\$1.50	LF	\$232.50	\$0.50	\$77.50	\$0.32	\$49.60	\$0.25	\$38.75		
148	DETAIL 21 (ONE-COAT PAINT)	2470	\$1.50	LF	\$3,705.00	\$0.50	\$1,235.00	\$0.45	\$1,111.50	\$0.35	\$864.50		
149	DETAIL 24 (ONE-COAT PAINT)	1859	\$1.50	LF	\$2,788.50	\$0.20	\$371.80	\$0.38	\$706.42	\$0.30	\$557.70		
150	DETAIL 27B (ONE-COAT PAINT)	5418	\$1.50	LF	\$8,127.00	\$0.20	\$1,083.60	\$0.38	\$2,058.84	\$0.30	\$1,625.40		
151	DETAIL 28 (ONE-COAT PAINT)	851	\$3.00	LF	\$2,553.00	\$0.80	\$680.80	\$2.50	\$2,127.50	\$2.00	\$1,702.00		
152	DETAIL 37B (ONE-COAT PAINT)	155	\$1.50	LF	\$232.50	\$0.40	\$62.00	\$0.32	\$49.60	\$0.25	\$38.75		
153	DETAIL 38A (ONE-COAT PAINT)	712	\$1.50	LF	\$1,068.00	\$0.40	\$284.80	\$0.35	\$249.20	\$0.28	\$199.36		
154	DETAIL 40 (ONE-COAT PAINT)	60	\$1.50	LF	\$90.00	\$0.40	\$24.00	\$0.25	\$15.00	\$0.20	\$12.00		
155	DETAIL 22 (TWO-COAT PAINT)	77	\$3.00	LF	\$231.00	\$2.50	\$192.50	\$2.50	\$192.50	\$2.00	\$154.00		
156	DETAIL 38 (TWO-COAT PAINT)	77	\$1.50	LF	\$115.50	\$2.50	\$192.50	\$2.50	\$192.50	\$2.00	\$154.00		
157	DETAIL 9 (THERMOPLASTIC)	1530	\$1.50	LF	\$2,295.00	\$0.65	\$994.50	\$1.60	\$2,448.00	\$1.25	\$1,912.50		
158	DETAIL 22 (THERMOPLASTIC)	500	\$2.50	LF	\$1,250.00	\$1.00	\$500.00	\$2.50	\$1,250.00	\$2.00	\$1,000.00		
159	DETAIL 29 (THERMOPLASTIC)	470	\$3.00	LF	\$1,410.00	\$2.00	\$940.00	\$5.00	\$2,350.00	\$4.00	\$1,880.00		
160	DETAIL 32 (THERMOPLASTIC)	155	\$2.00	LF	\$310.00	\$2.00	\$310.00	\$3.80	\$589.00	\$3.00	\$465.00		
161	DETAIL 38 (THERMOPLASTIC)	80	\$1.50	LF	\$120.00	\$2.00	\$160.00	\$2.50	\$200.00	\$2.00	\$160.00		

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate						(5) Powell Constructors, Inc.		(6) KEC Engineering		(7) Griffith Company			
(1) Preliminary Bid Amount						\$5,595,150.10		\$5,771,984.06		\$6,169,011.26			
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
162	PAVEMENT MARKINGS (ONE-COAT PAINT)	178	\$3.00	SF	\$534.00	\$3.00	\$534.00	\$7.00	\$1,246.00	\$5.50	\$979.00		
163	PAVEMENT MARKINGS (TWO-COAT PAINT)	30	\$3.50	SF	\$105.00	\$3.25	\$97.50	\$8.80	\$264.00	\$7.00	\$210.00		
164	PAVEMENT MARKINGS (THERMOPLASTIC)	215	\$7.50	SF	\$1,612.50	\$6.00	\$1,290.00	\$10.00	\$2,150.00	\$8.00	\$1,720.00		
165	4" STRIPING (ONE-COAT PAINT)	116	\$1.50	LF	\$174.00	\$0.20	\$23.20	\$1.25	\$145.00	\$1.00	\$116.00		
166	8" STRIPING (ONE-COAT PAINT)	60	\$1.50	LF	\$90.00	\$0.40	\$24.00	\$1.25	\$75.00	\$1.00	\$60.00		
167	12" STRIPING (ONE-COAT PAINT)	355	\$1.50	LF	\$532.50	\$2.00	\$710.00	\$6.30	\$2,236.50	\$5.00	\$1,775.00		
168	12" STRIPING (THERMOPLASTIC)	455	\$3.50	LF	\$1,592.50	\$3.50	\$1,592.50	\$12.50	\$5,687.50	\$10.00	\$4,550.00		
169	CURB MARKINGS (ONE-COAT PAINT)	10	\$2.00	LF	\$20.00	\$10.00	\$100.00	\$6.30	\$63.00	\$5.00	\$50.00		
170	1-1/2" STREET LIGHT CONDUIT	40	\$25.00	LF	\$1,000.00	\$40.00	\$1,600.00	\$66.00	\$2,640.00	\$21.10	\$844.00		
171	3" STREET LIGHT CONDUIT	748	\$30.00	LF	\$22,440.00	\$20.00	\$14,960.00	\$46.00	\$34,408.00	\$26.40	\$19,747.20		
172	WIRE #10 (STREET LIGHT)	3550	\$1.00	LF	\$3,550.00	\$1.00	\$3,550.00	\$1.50	\$5,325.00	\$2.10	\$7,455.00		
173	NO. 5 PULL BOX INCL PCC COVER (STREET LIGHT)	10	\$600.00	EA	\$6,000.00	\$400.00	\$4,000.00	\$640.00	\$6,400.00	\$369.00	\$3,690.00		
174	FURNISH AND INSTALL UNDERGROUND ELECTRICAL SERVICE CONDUITS AND PULLBOX	1	\$7,500.00	LS	\$7,500.00	\$6,000.00	\$6,000.00	\$20,000.00	\$20,000.00	\$7,070.00	\$7,070.00		
175	SERVICE PEDESTAL WITH FOUNDATION	1	\$5,000.00	EA	\$5,000.00	\$3,500.00	\$3,500.00	\$1,300.00	\$1,300.00	\$580.00	\$580.00		
176	TYPE 15 STANDARD WITH 15' MAST ARM AND 150 W HPS LUMINAIRE (COMPLETE)	1	\$5,000.00	EA	\$5,000.00	\$5,000.00	\$5,000.00	\$8,000.00	\$8,000.00	\$3,690.00	\$3,690.00		
177	CONCRETE STREET LIGHT STANDARD WITH 100 W HPS LUMINAIRE (COMPLETE)	1	\$10,000.00	EA	\$10,000.00	\$15,000.00	\$15,000.00	\$22,500.00	\$22,500.00	\$11,600.00	\$11,600.00		

Project Name: Del Mar Avenue Bridge Replacement Over Alhambra Wash
Project ID: RDC0012721
Bids Opened: 7/18/2017
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 310 Working Day(s)

Engineer's Estimate					(5) Powell Constructors, Inc.	(6) KEC Engineering		(7) Griffith Company					
(1) Preliminary Bid Amount					\$5,595,150.10	\$5,771,984.06		\$6,169,011.26					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
178	CONCRETE STREET LIGHT STANDARD WITH 150 W HPS AND 50 W HPS LUMINAIRES (COMPLETE)	4	\$12,000.00	EA	\$48,000.00	\$20,000.00	\$80,000.00	\$25,000.00	\$100,000.00	\$16,900.00	\$67,600.00		
179	CONCRETE PEDESTRIAN LIGHT STANDARD WITH 50 W HPS LUMINAIRE (COMPLETE)	2	\$5,000.00	EA	\$10,000.00	\$8,500.00	\$17,000.00	\$12,000.00	\$24,000.00	\$7,810.00	\$15,620.00		
180	CONCRETE STREET LIGHT FOUNDATION PER STD PLAN 431	5	\$1,500.00	EA	\$7,500.00	\$900.00	\$4,500.00	\$2,000.00	\$10,000.00	\$686.00	\$3,430.00		
181	CONCRETE STREET LIGHT FOUNDATION PER STD PLAN 433	2	\$1,250.00	EA	\$2,500.00	\$1,500.00	\$3,000.00	\$2,000.00	\$4,000.00	\$791.00	\$1,582.00		
182	REMOVE BENCAMP STREET DETOUR RAMP	1	\$10,000.00	LS	\$10,000.00	\$20,000.00	\$20,000.00	\$50,000.00	\$50,000.00	\$9,700.00	\$9,700.00		
Unit Price Total					\$3,784,152.00	\$5,595,150.10		\$5,791,984.06		\$6,159,296.26			
(3) Local Small Business Enterprise (LSBE) Preference Amount							\$0.00	\$0.00		\$0.00			
(4) LSBE Adjusted Amount							\$5,595,150.10	\$5,791,984.06		\$6,159,296.26			
Comments													