



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

**Project Name: Eaton Wash Dam and Reservoir Inlet/Outlet Works Rehabilitation**

**Project ID: FCC0001213**

**Bids Opened: 3/20/2012**

**Office Engineer: Abigail Flores 626-458-3157**

**Addenda: 2**  
**Duration: 265 Working Day(s)**

Engineer's Estimate						(1) Environmental Construction, Inc.	(2) Shimmick Construction Company, Inc.	(3) G. B. Cooke, Inc.	(4) Union Engineering Company, Inc.				
(1) Preliminary Bid Amount						\$3,459,515.70	\$3,594,943.50	\$3,501,301.00	\$4,080,716.39				
(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)	13	\$500.00	MTH	\$6,500.00	\$500.00	\$6,500.00	\$250.00	\$3,250.00	\$600.00	\$7,800.00	\$1,000.00	\$13,000.00
3	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
4	IMPLEMENTATION OF THE SWPPP	1	\$20,000.00	LS	\$20,000.00	\$40,500.00	\$40,500.00	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$19,800.00	\$19,800.00
5	ENVIRONMENTAL PLANS (STIPULATED UNIT PRICE OF \$10,000)	1	\$10,000.00	LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
6	IMPLEMENTATION OF ENVIRONMENTAL PLANS	1	\$75,000.00	LS	\$75,000.00	\$25,000.00	\$25,000.00	\$13,000.00	\$13,000.00	\$10,000.00	\$10,000.00	\$5,400.00	\$5,400.00
7	SHORING OF OPEN EXCAVATIONS	1	\$5,000.00	LS	\$5,000.00	\$1,000.00	\$1,000.00	\$14,000.00	\$14,000.00	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00
8	OFFICE FACILITIES	1	\$10,000.00	LS	\$10,000.00	\$10,000.00	\$10,000.00	\$3,000.00	\$3,000.00	\$25,000.00	\$25,000.00	\$45,500.00	\$45,500.00
9	MOBILIZATION	1	\$100,000.00	LS	\$100,000.00	\$77,000.00	\$77,000.00	\$340,000.00	\$340,000.00	\$235,000.00	\$235,000.00	\$609,100.00	\$609,100.00
10	TIRE WASH	2	\$5,000.00	EA	\$10,000.00	\$20,000.00	\$40,000.00	\$90,000.00	\$180,000.00	\$20,000.00	\$40,000.00	\$62,400.00	\$124,800.00
11	EXISTING OUTLET TOWER REMOVAL	1	\$65,000.00	LS	\$65,000.00	\$86,000.00	\$86,000.00	\$28,000.00	\$28,000.00	\$40,000.00	\$40,000.00	\$34,900.00	\$34,900.00
12	EXISTING FOOT BRIDGE REMOVAL	1	\$10,000.00	LS	\$10,000.00	\$42,000.00	\$42,000.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00	\$5,400.00	\$5,400.00

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Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
13	EXISTING TRASHRACK REMOVAL	1	\$10,000.00	LS	\$10,000.00	\$25,000.00	\$25,000.00	\$1,700.00	\$1,700.00	\$5,000.00	\$5,000.00	\$16,200.00	\$16,200.00
14	CONCRETE REMOVAL (REINFORCED)	51	\$750.00	CY	\$38,250.00	\$400.00	\$20,400.00	\$410.00	\$20,910.00	\$100.00	\$5,100.00	\$212.00	\$10,812.00
15	STRUCTURE EXCAVATION	320	\$100.00	CY	\$32,000.00	\$15.00	\$4,800.00	\$44.00	\$14,080.00	\$60.00	\$19,200.00	\$40.00	\$12,800.00
16	STRUCTURE BACKFILL	205	\$100.00	CY	\$20,500.00	\$35.00	\$7,175.00	\$172.00	\$35,260.00	\$70.00	\$14,350.00	\$98.00	\$20,090.00
17	EXCAVATION AND DISPOSAL OF SEDIMENT	3500	\$20.00	CY	\$70,000.00	\$22.00	\$77,000.00	\$21.75	\$76,125.00	\$24.00	\$84,000.00	\$39.95	\$139,825.00
18	STRUCTURE CONCRETE	134	\$700.00	CY	\$93,800.00	\$638.51	\$85,560.34	\$800.00	\$107,200.00	\$1,290.00	\$172,860.00	\$1,210.00	\$162,140.00
19	BAR REINFORCING STEEL	10750	\$2.25	LB	\$24,187.50	\$2.50	\$26,875.00	\$2.08	\$22,360.00	\$2.50	\$26,875.00	\$2.00	\$21,500.00
20	DRILL AND GROUT DOWEL	262	\$35.00	LF	\$9,170.00	\$17.60	\$4,611.20	\$30.50	\$7,991.00	\$16.00	\$4,192.00	\$36.00	\$9,432.00
21	MASONRY WALL	316	\$80.00	SF	\$25,280.00	\$25.00	\$7,900.00	\$58.00	\$18,328.00	\$70.00	\$22,120.00	\$52.00	\$16,432.00
22	STRUCTURAL STEEL	17105	\$5.00	LB	\$85,525.00	\$7.00	\$119,735.00	\$5.50	\$94,077.50	\$6.40	\$109,472.00	\$7.22	\$123,498.10
23	MISCELLANEOUS METAL	200	\$50.00	LB	\$10,000.00	\$20.00	\$4,000.00	\$14.55	\$2,910.00	\$23.00	\$4,600.00	\$11.98	\$2,396.00
24	ALUMINUM PLATE TRENCH COVER	576	\$60.00	SF	\$34,560.00	\$95.00	\$54,720.00	\$63.50	\$36,576.00	\$75.00	\$43,200.00	\$48.00	\$27,648.00
25	METAL HAND RAILINGS	83	\$150.00	LF	\$12,450.00	\$66.00	\$5,478.00	\$131.00	\$10,873.00	\$180.00	\$14,940.00	\$216.00	\$17,928.00
26	CLEAN AND PAINT EXISTING STEEL	256	\$65.00	SF	\$16,640.00	\$120.00	\$30,720.00	\$110.00	\$28,160.00	\$80.00	\$20,480.00	\$20.00	\$5,120.00
27	STEEL LADDER	4	\$2,500.00	EA	\$10,000.00	\$2,100.00	\$8,400.00	\$2,250.00	\$9,000.00	\$2,500.00	\$10,000.00	\$3,000.00	\$12,000.00
28	EMBEDDED STEEL FRAME	362	\$30.00	LF	\$10,860.00	\$24.00	\$8,688.00	\$18.50	\$6,697.00	\$10.00	\$3,620.00	\$144.00	\$52,128.00
29	STAFF GAGE	4	\$2,200.00	EA	\$8,800.00	\$1,800.00	\$7,200.00	\$3,500.00	\$14,000.00	\$3,500.00	\$14,000.00	\$2,520.00	\$10,080.00
30	DOUBLE STEEL DOOR AND HARDWARE	1	\$5,000.00	EA	\$5,000.00	\$4,200.00	\$4,200.00	\$5,100.00	\$5,100.00	\$6,000.00	\$6,000.00	\$9,200.00	\$9,200.00
31	SELF-SUPPORTING TOWER AND TOWER FOUNDATION	1	\$40,000.00	LS	\$40,000.00	\$15,000.00	\$15,000.00	\$16,000.00	\$16,000.00	\$18,000.00	\$18,000.00	\$13,700.00	\$13,700.00
32	MISCELLANEOUS MECHANICAL WORK	1	\$35,000.00	LS	\$35,000.00	\$2,095.00	\$2,095.00	\$20,400.00	\$20,400.00	\$2,000.00	\$2,000.00	\$10,000.00	\$10,000.00
33	REFURBISH GATE	4	\$30,000.00	EA	\$120,000.00	\$60,668.30	\$242,673.20	\$60,500.00	\$242,000.00	\$30,000.00	\$120,000.00	\$59,600.00	\$238,400.00
34	CAST-IRON SLIDE GATE	1	\$100,000.00	LS	\$100,000.00	\$194,250.00	\$194,250.00	\$152,000.00	\$152,000.00	\$25,000.00	\$25,000.00	\$151,300.00	\$151,300.00
35	HYDRAULIC ACTUATING SYSTEM	5	\$25,000.00	EA	\$125,000.00	\$62,951.00	\$314,755.00	\$50,000.00	\$250,000.00	\$33,200.00	\$166,000.00	\$47,400.00	\$237,000.00
36	HYDRAULIC SYSTEM AND OIL LINE	1	\$225,000.00	LS	\$225,000.00	\$86,000.00	\$86,000.00	\$58,500.00	\$58,500.00	\$135,000.00	\$135,000.00	\$162,800.00	\$162,800.00

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(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
37	AIR VENT PIPE FOR OUTLET STRUCTURE	1	\$30,000.00	LS	\$30,000.00	\$52,000.00	\$52,000.00	\$18,100.00	\$18,100.00	\$60,000.00	\$60,000.00	\$57,300.00	\$57,300.00
38	REMOTE CONTROL SYSTEM	1	\$110,000.00	LS	\$110,000.00	\$54,450.00	\$54,450.00	\$80,000.00	\$80,000.00	\$76,000.00	\$76,000.00	\$76,600.00	\$76,600.00
39	ELECTRICAL WORK	1	\$50,000.00	LS	\$50,000.00	\$202,224.00	\$202,224.00	\$20,000.00	\$20,000.00	\$81,000.00	\$81,000.00	\$75,600.00	\$75,600.00
40	CLEARING AND GRUBBING	1	\$50,000.00	LS	\$50,000.00	\$31,000.00	\$31,000.00	\$35,000.00	\$35,000.00	\$124,000.00	\$124,000.00	\$14,300.00	\$14,300.00
41	TREE REMOVAL (13-24" DIAMETER)	6	\$1,000.00	EA	\$6,000.00	\$700.00	\$4,200.00	\$1,500.00	\$9,000.00	\$600.00	\$3,600.00	\$2,104.00	\$12,624.00
42	TREE REMOVAL (25"+ DIAMETER)	2	\$1,600.00	EA	\$3,200.00	\$1,500.00	\$3,000.00	\$3,000.00	\$6,000.00	\$1,000.00	\$2,000.00	\$2,926.00	\$5,852.00
43	UNCLASSIFIED EXCAVATION	926	\$60.00	CY	\$55,560.00	\$25.00	\$23,150.00	\$16.00	\$14,816.00	\$94.00	\$87,044.00	\$100.00	\$92,600.00
44	EROSION CONTROL GEOTEXTILE	19370	\$3.00	SY	\$58,110.00	\$2.50	\$48,425.00	\$2.00	\$38,740.00	\$2.50	\$48,425.00	\$1.59	\$30,798.30
45	RIPRAP (LIGHT CLASS)	9685	\$90.00	CY	\$871,650.00	\$66.00	\$639,210.00	\$55.00	\$532,675.00	\$83.00	\$803,855.00	\$56.18	\$544,103.30
46	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	26	\$230.00	CY	\$5,980.00	\$200.00	\$5,200.00	\$115.00	\$2,990.00	\$300.00	\$7,800.00	\$145.00	\$3,770.00
47	COLD MILL AC PAVEMENT	2500	\$2.00	SF	\$5,000.00	\$2.16	\$5,400.00	\$2.05	\$5,125.00	\$2.00	\$5,000.00	\$2.70	\$6,750.00
48	AC PAVEMENT	1320	\$140.00	TON	\$184,800.00	\$83.60	\$110,352.00	\$95.00	\$125,400.00	\$110.00	\$145,200.00	\$121.81	\$160,789.20
49	AC PAVEMENT(PATCH BACK)	26	\$230.00	TON	\$5,980.00	\$212.30	\$5,519.80	\$212.00	\$5,512.00	\$220.00	\$5,720.00	\$249.00	\$6,474.00
50	CATCH BASIN PER STD PLAN 303,2 GRATES	1	\$5,000.00	EA	\$5,000.00	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$4,400.00	\$4,400.00
51	REINFORCED CONCRETE STAIRWAY PER STD PLAN 640	52	\$1,000.00	CY	\$52,000.00	\$1,100.00	\$57,200.00	\$900.00	\$46,800.00	\$1,048.00	\$54,496.00	\$941.00	\$48,932.00
52	18" RCP, 2000 D	190	\$175.00	LF	\$33,250.00	\$50.00	\$9,500.00	\$125.00	\$23,750.00	\$173.00	\$32,870.00	\$109.00	\$20,710.00
53	REINFORCED CONCRETE SWALE PER SECTION K-K, SHEET 30	321	\$100.00	LF	\$32,100.00	\$55.00	\$17,655.00	\$57.00	\$18,297.00	\$80.00	\$25,680.00	\$68.00	\$21,828.00
54	REINFORCED CONCRETE BASE PER DETAIL "P", SHEET 30	4	\$800.00	CY	\$3,200.00	\$350.00	\$1,400.00	\$900.00	\$3,600.00	\$1,800.00	\$7,200.00	\$1,025.00	\$4,100.00

**Project Name: Eaton Wash Dam and Reservoir Inlet/Outlet Works Rehabilitation**

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(1) Preliminary Bid Amount						\$3,459,515.70	\$3,594,943.50	\$3,501,301.00	\$4,080,716.39				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
55	WALL OUTLET STRUCTURE PER SECTION L-L, SHEET 29	1	\$1,000.00	LS	\$1,000.00	\$300.00	\$300.00	\$1,200.00	\$1,200.00	\$2,000.00	\$2,000.00	\$3,800.00	\$3,800.00
56	18" HIGH GROUTED STONE WALL	230	\$40.00	LF	\$9,200.00	\$190.00	\$43,700.00	\$170.00	\$39,100.00	\$34.00	\$7,820.00	\$159.00	\$36,570.00
57	CURB AND GUTTER - BARRIER A2-12 PER SPPWC STD PLAN 120-1	1010	\$50.00	LF	\$50,500.00	\$18.00	\$18,180.00	\$28.00	\$28,280.00	\$30.00	\$30,300.00	\$39.51	\$39,905.10
58	AC CURB PER DETAIL "R", SHEET 30	188	\$30.00	LF	\$5,640.00	\$23.10	\$4,342.80	\$30.00	\$5,640.00	\$30.00	\$5,640.00	\$32.00	\$6,016.00
59	1" CRUSHED ROCK	3400	\$70.00	CY	\$238,000.00	\$37.00	\$125,800.00	\$62.00	\$210,800.00	\$36.00	\$122,400.00	\$41.40	\$140,760.00
60	12" HDPE SUBDRAIN	1187	\$120.00	LF	\$142,440.00	\$30.00	\$35,610.00	\$55.00	\$65,285.00	\$75.00	\$89,025.00	\$37.27	\$44,239.49
61	12" N-12 HP HDPE PIPE	48	\$120.00	LF	\$5,760.00	\$30.00	\$1,440.00	\$77.00	\$3,696.00	\$150.00	\$7,200.00	\$52.00	\$2,496.00
62	CLEANOUT RISER PER DETAIL "C", SHEET 30	2	\$2,000.00	EA	\$4,000.00	\$2,000.00	\$4,000.00	\$700.00	\$1,400.00	\$4,500.00	\$9,000.00	\$1,839.00	\$3,678.00
63	METAL HAND RAILINGS, TYPE A, PER STD PLAN 606-3	566	\$100.00	LF	\$56,600.00	\$135.00	\$76,410.00	\$59.00	\$33,394.00	\$90.00	\$50,940.00	\$77.00	\$43,582.00
64	PIPE SUPPORT AND HOSE VALVE	8	\$500.00	EA	\$4,000.00	\$910.00	\$7,280.00	\$500.00	\$4,000.00	\$2,400.00	\$19,200.00	\$1,120.00	\$8,960.00
65	PIPE CONNECTION PER DETAIL "K", SHEET 30	2	\$800.00	EA	\$1,600.00	\$1,000.00	\$2,000.00	\$1,150.00	\$2,300.00	\$700.00	\$1,400.00	\$1,015.00	\$2,030.00
66	2" COPPER PIPE, TYPE K - WATERLINE	1215	\$40.00	LF	\$48,600.00	\$51.44	\$62,499.60	\$48.00	\$58,320.00	\$43.00	\$52,245.00	\$29.86	\$36,279.90
67	HDPE FLARED INLET	2	\$300.00	EA	\$600.00	\$200.00	\$400.00	\$250.00	\$500.00	\$300.00	\$600.00	\$542.00	\$1,084.00
68	SECURITY GATE NO.1 PER SECTION A-A, SHEET 32	1	\$9,600.00	LS	\$9,600.00	\$1,930.00	\$1,930.00	\$90,000.00	\$90,000.00	\$50,000.00	\$50,000.00	\$34,000.00	\$34,000.00
69	SECURITY GATE NO. 2 PER SECTION B-B, SHEET 32	1	\$8,960.00	LS	\$8,960.00	\$26,180.00	\$26,180.00	\$60,000.00	\$60,000.00	\$52,000.00	\$52,000.00	\$38,800.00	\$38,800.00
70	SECURITY FENCE	152	\$240.00	LF	\$36,480.00	\$185.00	\$28,120.00	\$173.00	\$26,296.00	\$241.00	\$36,632.00	\$180.00	\$27,360.00
71	TREE WELL PER SECTION D-D, SHEET 30	10	\$1,000.00	EA	\$10,000.00	\$1,900.00	\$19,000.00	\$1,900.00	\$19,000.00	\$4,200.00	\$42,000.00	\$1,508.00	\$15,080.00
72	SECURITY ALARM SYSTEM	1	\$5,000.00	LS	\$5,000.00	\$28,365.70	\$28,365.70	\$18,000.00	\$18,000.00	\$18,000.00	\$18,000.00	\$14,700.00	\$14,700.00

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73	SIMULATED SECURITY CAMERA AND POST	4	\$1,000.00	EACH	\$4,000.00	\$22.00	\$88.00	\$3,900.00	\$15,600.00	\$2,500.00	\$10,000.00	\$1,413.00	\$5,652.00
74	MOTION ACTIVATED LIGHTING	2	\$800.00	EA	\$1,600.00	\$632.00	\$1,264.00	\$4,700.00	\$9,400.00	\$500.00	\$1,000.00	\$504.00	\$1,008.00
75	INSTALL WARNING SIGN, SHEET 32	8	\$500.00	EA	\$4,000.00	\$150.00	\$1,200.00	\$500.00	\$4,000.00	\$200.00	\$1,600.00	\$265.00	\$2,120.00
76	MANHOLE PER STD PLAN 321	4	\$5,000.00	EA	\$20,000.00	\$3,500.00	\$14,000.00	\$5,000.00	\$20,000.00	\$4,000.00	\$16,000.00	\$5,909.00	\$23,636.00
Unit Price Total					\$3,712,932.50	\$3,482,731.64	\$3,578,013.50	\$3,650,701.00	\$4,080,716.39				
(3) Local Small Business Enterprise (LSBE) Preference Amount						\$0.00	\$0.00	\$50,000.00	\$0.00				
(4) LSBE Adjusted Amount						\$3,482,731.64	\$3,578,013.50	\$3,600,701.00	\$4,080,716.39				
Comments						APPARENT LOW BIDDER							



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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)	13	\$500.00	MTH	\$6,500.00	\$500.00	\$6,500.00	\$500.00	\$6,500.00	\$180.00	\$2,340.00		
3	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		
4	IMPLEMENTATION OF THE SWPPP	1	\$20,000.00	LS	\$20,000.00	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$207,250.00	\$207,250.00		
5	ENVIRONMENTAL PLANS (STIPULATED UNIT PRICE OF \$10,000)	1	\$10,000.00	LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00		
6	IMPLEMENTATION OF ENVIRONMENTAL PLANS	1	\$75,000.00	LS	\$75,000.00	\$25,000.00	\$25,000.00	\$50,000.00	\$50,000.00	\$236,000.00	\$236,000.00		
7	SHORING OF OPEN EXCAVATIONS	1	\$5,000.00	LS	\$5,000.00	\$200,000.00	\$200,000.00	\$10,000.00	\$10,000.00	\$85,000.00	\$85,000.00		
8	OFFICE FACILITIES	1	\$10,000.00	LS	\$10,000.00	\$15,000.00	\$15,000.00	\$35,000.00	\$35,000.00	\$29,000.00	\$29,000.00		
9	MOBILIZATION	1	\$100,000.00	LS	\$100,000.00	\$50,000.00	\$50,000.00	\$420,000.00	\$420,000.00	\$514,490.00	\$514,490.00		
10	TIRE WASH	2	\$5,000.00	EA	\$10,000.00	\$15,000.00	\$30,000.00	\$5,000.00	\$10,000.00	\$138,500.00	\$277,000.00		
11	EXISTING OUTLET TOWER REMOVAL	1	\$65,000.00	LS	\$65,000.00	\$20,000.00	\$20,000.00	\$150,000.00	\$150,000.00	\$72,000.00	\$72,000.00		
12	EXISTING FOOT BRIDGE REMOVAL	1	\$10,000.00	LS	\$10,000.00	\$70,000.00	\$70,000.00	\$15,000.00	\$15,000.00	\$13,800.00	\$13,800.00		

**Project Name: Eaton Wash Dam and Reservoir Inlet/Outlet Works Rehabilitation**

**Project ID: FCC0001213**

**Bids Opened: 3/20/2012**

**Office Engineer: Abigail Flores 626-458-3157**

**Addenda: 2  
Duration: 265 Working Day(s)**

				Engineer's Estimate	(5) Minco Construction	(6) Mike Bubalo Construction Company, Inc.	(7) John S. Meek Company, Inc.						
(1) Preliminary Bid Amount					\$4,292,505.00	\$4,635,860.00	\$5,278,280.25						
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
13	EXISTING TRASHRACK REMOVAL	1	\$10,000.00	LS	\$10,000.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$4,140.00	\$4,140.00		
14	CONCRETE REMOVAL (REINFORCED)	51	\$750.00	CY	\$38,250.00	\$200.00	\$10,200.00	\$200.00	\$10,200.00	\$180.00	\$9,180.00		
15	STRUCTURE EXCAVATION	320	\$100.00	CY	\$32,000.00	\$10.00	\$3,200.00	\$30.00	\$9,600.00	\$59.00	\$18,880.00		
16	STRUCTURE BACKFILL	205	\$100.00	CY	\$20,500.00	\$20.00	\$4,100.00	\$160.00	\$32,800.00	\$70.00	\$14,350.00		
17	EXCAVATION AND DISPOSAL OF SEDIMENT	3500	\$20.00	CY	\$70,000.00	\$20.00	\$70,000.00	\$60.00	\$210,000.00	\$54.00	\$189,000.00		
18	STRUCTURE CONCRETE	134	\$700.00	CY	\$93,800.00	\$1,000.00	\$134,000.00	\$1,000.00	\$134,000.00	\$1,210.00	\$162,140.00		
19	BAR REINFORCING STEEL	10750	\$2.25	LB	\$24,187.50	\$1.00	\$10,750.00	\$2.00	\$21,500.00	\$1.25	\$13,437.50		
20	DRILL AND GROUT DOWEL	262	\$35.00	LF	\$9,170.00	\$100.00	\$26,200.00	\$50.00	\$13,100.00	\$39.50	\$10,349.00		
21	MASONRY WALL	316	\$80.00	SF	\$25,280.00	\$30.00	\$9,480.00	\$75.00	\$23,700.00	\$99.00	\$31,284.00		
22	STRUCTURAL STEEL	17105	\$5.00	LB	\$85,525.00	\$3.00	\$51,315.00	\$25.00	\$427,625.00	\$7.50	\$128,287.50		
23	MISCELLANEOUS METAL	200	\$50.00	LB	\$10,000.00	\$10.00	\$2,000.00	\$100.00	\$20,000.00	\$46.00	\$9,200.00		
24	ALUMINUM PLATE TRENCH COVER	576	\$60.00	SF	\$34,560.00	\$100.00	\$57,600.00	\$200.00	\$115,200.00	\$61.00	\$35,136.00		
25	METAL HAND RAILINGS	83	\$150.00	LF	\$12,450.00	\$200.00	\$16,600.00	\$200.00	\$16,600.00	\$129.00	\$10,707.00		
26	CLEAN AND PAINT EXISTING STEEL	256	\$65.00	SF	\$16,640.00	\$20.00	\$5,120.00	\$75.00	\$19,200.00	\$18.00	\$4,608.00		
27	STEEL LADDER	4	\$2,500.00	EA	\$10,000.00	\$2,000.00	\$8,000.00	\$6,000.00	\$24,000.00	\$3,630.00	\$14,520.00		
28	EMBEDDED STEEL FRAME	362	\$30.00	LF	\$10,860.00	\$20.00	\$7,240.00	\$50.00	\$18,100.00	\$53.00	\$19,186.00		
29	STAFF GAGE	4	\$2,200.00	EA	\$8,800.00	\$1,500.00	\$6,000.00	\$3,000.00	\$12,000.00	\$3,047.50	\$12,190.00		
30	DOUBLE STEEL DOOR AND HARDWARE	1	\$5,000.00	EA	\$5,000.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$6,600.00	\$6,600.00		
31	SELF-SUPPORTING TOWER AND TOWER FOUNDATION	1	\$40,000.00	LS	\$40,000.00	\$70,000.00	\$70,000.00	\$15,000.00	\$15,000.00	\$18,490.00	\$18,490.00		
32	MISCELLANEOUS MECHANICAL WORK	1	\$35,000.00	LS	\$35,000.00	\$70,000.00	\$70,000.00	\$10,000.00	\$10,000.00	\$22,100.00	\$22,100.00		
33	REFURBISH GATE	4	\$30,000.00	EA	\$120,000.00	\$10,000.00	\$40,000.00	\$85,000.00	\$340,000.00	\$64,863.00	\$259,452.00		
34	CAST-IRON SLIDE GATE	1	\$100,000.00	LS	\$100,000.00	\$50,000.00	\$50,000.00	\$75,000.00	\$75,000.00	\$150,260.00	\$150,260.00		
35	HYDRAULIC ACTUATING SYSTEM	5	\$25,000.00	EA	\$125,000.00	\$20,000.00	\$100,000.00	\$60,000.00	\$300,000.00	\$47,725.00	\$238,625.00		
36	HYDRAULIC SYSTEM AND OIL LINE	1	\$225,000.00	LS	\$225,000.00	\$170,000.00	\$170,000.00	\$200,000.00	\$200,000.00	\$176,150.00	\$176,150.00		

**Project Name: Eaton Wash Dam and Reservoir Inlet/Outlet Works Rehabilitation**

**Project ID: FCC0001213**

**Bids Opened: 3/20/2012**

**Office Engineer: Abigail Flores 626-458-3157**

**Addenda: 2  
Duration: 265 Working Day(s)**

				Engineer's Estimate	(5) Minco Construction	(6) Mike Bubalo Construction Company, Inc.	(7) John S. Meek Company, Inc.						
(1) Preliminary Bid Amount					\$4,292,505.00	\$4,635,860.00	\$5,278,280.25						
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
37	AIR VENT PIPE FOR OUTLET STRUCTURE	1	\$30,000.00	LS	\$30,000.00	\$50,000.00	\$50,000.00	\$60,000.00	\$60,000.00	\$63,000.00	\$63,000.00		
38	REMOTE CONTROL SYSTEM	1	\$110,000.00	LS	\$110,000.00	\$30,000.00	\$30,000.00	\$65,000.00	\$65,000.00	\$56,925.00	\$56,925.00		
39	ELECTRICAL WORK	1	\$50,000.00	LS	\$50,000.00	\$70,000.00	\$70,000.00	\$85,000.00	\$85,000.00	\$84,700.00	\$84,700.00		
40	CLEARING AND GRUBBING	1	\$50,000.00	LS	\$50,000.00	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$8,400.00	\$8,400.00		
41	TREE REMOVAL (13-24" DIAMETER)	6	\$1,000.00	EA	\$6,000.00	\$1,000.00	\$6,000.00	\$1,000.00	\$6,000.00	\$665.00	\$3,990.00		
42	TREE REMOVAL (25"+ DIAMETER)	2	\$1,600.00	EA	\$3,200.00	\$2,000.00	\$4,000.00	\$2,000.00	\$4,000.00	\$1,000.00	\$2,000.00		
43	UNCLASSIFIED EXCAVATION	926	\$60.00	CY	\$55,560.00	\$20.00	\$18,520.00	\$60.00	\$55,560.00	\$41.00	\$37,966.00		
44	EROSION CONTROL GEOTEXTILE	19370	\$3.00	SY	\$58,110.00	\$50.00	\$968,500.00	\$5.00	\$96,850.00	\$2.50	\$48,425.00		
45	RIPRAP (LIGHT CLASS)	9685	\$90.00	CY	\$871,650.00	\$60.00	\$581,100.00	\$75.00	\$726,375.00	\$110.00	\$1,065,350.00		
46	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	26	\$230.00	CY	\$5,980.00	\$200.00	\$5,200.00	\$300.00	\$7,800.00	\$185.00	\$4,810.00		
47	COLD MILL AC PAVEMENT	2500	\$2.00	SF	\$5,000.00	\$3.00	\$7,500.00	\$5.00	\$12,500.00	\$2.30	\$5,750.00		
48	AC PAVEMENT	1320	\$140.00	TON	\$184,800.00	\$100.00	\$132,000.00	\$100.00	\$132,000.00	\$112.00	\$147,840.00		
49	AC PAVEMENT(PATCH BACK)	26	\$230.00	TON	\$5,980.00	\$100.00	\$2,600.00	\$120.00	\$3,120.00	\$230.00	\$5,980.00		
50	CATCH BASIN PER STD PLAN 303,2 GRATES	1	\$5,000.00	EA	\$5,000.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$9,840.00	\$9,840.00		
51	REINFORCED CONCRETE STAIRWAY PER STD PLAN 640	52	\$1,000.00	CY	\$52,000.00	\$1,000.00	\$52,000.00	\$800.00	\$41,600.00	\$1,220.00	\$63,440.00		
52	18" RCP, 2000 D	190	\$175.00	LF	\$33,250.00	\$100.00	\$19,000.00	\$100.00	\$19,000.00	\$93.00	\$17,670.00		
53	REINFORCED CONCRETE SWALE PER SECTION K-K, SHEET 30	321	\$100.00	LF	\$32,100.00	\$50.00	\$16,050.00	\$10.00	\$3,210.00	\$84.00	\$26,964.00		
54	REINFORCED CONCRETE BASE PER DETAIL "P", SHEET 30	4	\$800.00	CY	\$3,200.00	\$1,000.00	\$4,000.00	\$600.00	\$2,400.00	\$2,475.00	\$9,900.00		
55	WALL OUTLET STRUCTURE PER SECTION L-L, SHEET 29	1	\$1,000.00	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$9,900.00	\$9,900.00		

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(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
56	18" HIGH GROUTED STONE WALL	230	\$40.00	LF	\$9,200.00	\$100.00	\$23,000.00	\$100.00	\$23,000.00	\$86.00	\$19,780.00		
57	CURB AND GUTTER - BARRIER A2-12 PER SPPWC STD PLAN 120-1	1010	\$50.00	LF	\$50,500.00	\$50.00	\$50,500.00	\$40.00	\$40,400.00	\$27.60	\$27,876.00		
58	AC CURB PER DETAIL "R", SHEET 30	188	\$30.00	LF	\$5,640.00	\$10.00	\$1,880.00	\$15.00	\$2,820.00	\$18.00	\$3,384.00		
59	1" CRUSHED ROCK	3400	\$70.00	CY	\$238,000.00	\$40.00	\$136,000.00	\$15.00	\$51,000.00	\$37.00	\$125,800.00		
60	12" HDPE SUBDRAIN	1187	\$120.00	LF	\$142,440.00	\$350.00	\$415,450.00	\$50.00	\$59,350.00	\$37.00	\$43,919.00		
61	12" N-12 HP HDPE PIPE	48	\$120.00	LF	\$5,760.00	\$100.00	\$4,800.00	\$100.00	\$4,800.00	\$195.00	\$9,360.00		
62	CLEANOUT RISER PER DETAIL "C", SHEET 30	2	\$2,000.00	EA	\$4,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$4,000.00	\$2,482.50	\$4,965.00		
63	METAL HAND RAILINGS, TYPE A, PER STD PLAN 606-3	566	\$100.00	LF	\$56,600.00	\$100.00	\$56,600.00	\$100.00	\$56,600.00	\$105.00	\$59,430.00		
64	PIPE SUPPORT AND HOSE VALVE	8	\$500.00	EA	\$4,000.00	\$1,000.00	\$8,000.00	\$1,500.00	\$12,000.00	\$1,440.00	\$11,520.00		
65	PIPE CONNECTION PER DETAIL "K", SHEET 30	2	\$800.00	EA	\$1,600.00	\$1,000.00	\$2,000.00	\$4,000.00	\$8,000.00	\$2,500.00	\$5,000.00		
66	2" COPPER PIPE, TYPE K - WATERLINE	1215	\$40.00	LF	\$48,600.00	\$20.00	\$24,300.00	\$50.00	\$60,750.00	\$41.00	\$49,815.00		
67	HDPE FLARED INLET	2	\$300.00	EA	\$600.00	\$1,000.00	\$2,000.00	\$2,000.00	\$4,000.00	\$690.00	\$1,380.00		
68	SECURITY GATE NO.1 PER SECTION A-A, SHEET 32	1	\$9,600.00	LS	\$9,600.00	\$30,000.00	\$30,000.00	\$25,000.00	\$25,000.00	\$35,168.00	\$35,168.00		
69	SECURITY GATE NO. 2 PER SECTION B-B, SHEET 32	1	\$8,960.00	LS	\$8,960.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$40,208.00	\$40,208.00		
70	SECURITY FENCE	152	\$240.00	LF	\$36,480.00	\$100.00	\$15,200.00	\$175.00	\$26,600.00	\$192.00	\$29,184.00		
71	TREE WELL PER SECTION D-D, SHEET 30	10	\$1,000.00	EA	\$10,000.00	\$2,000.00	\$20,000.00	\$2,000.00	\$20,000.00	\$2,264.00	\$22,640.00		
72	SECURITY ALARM SYSTEM	1	\$5,000.00	LS	\$5,000.00	\$17,000.00	\$17,000.00	\$30,000.00	\$30,000.00	\$29,655.00	\$29,655.00		
73	SIMULATED SECURITY CAMERA AND POST	4	\$1,000.00	EACH	\$4,000.00	\$5,000.00	\$20,000.00	\$500.00	\$2,000.00	\$345.00	\$1,380.00		
74	MOTION ACTIVATED LIGHTING	2	\$800.00	EA	\$1,600.00	\$2,000.00	\$4,000.00	\$1,000.00	\$2,000.00	\$6,325.00	\$12,650.00		

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**Bids Opened: 3/20/2012**

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**Addenda: 2  
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(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
75	INSTALL WARNING SIGN, SHEET 32	8	\$500.00	EA	\$4,000.00	\$500.00	\$4,000.00	\$500.00	\$4,000.00	\$230.00	\$1,840.00		
76	MANHOLE PER STD PLAN 321	4	\$5,000.00	EA	\$20,000.00	\$10,000.00	\$40,000.00	\$5,000.00	\$20,000.00	\$4,500.00	\$18,000.00		
Unit Price Total					\$3,712,932.50	\$4,292,505.00	\$4,635,860.00	\$5,240,956.00					
(3) Local Small Business Enterprise (LSBE) Preference Amount						\$0.00	\$0.00	\$0.00					
(4) LSBE Adjusted Amount						\$4,292,505.00	\$4,635,860.00	\$5,240,956.00					
Comments													