

BIDDERS 1 - 4

BID DATE: FEBRUARY 5, 2015
 TIME: 2:00:00 PM
 PLACE: SACRAMENTO
 SPEC. # 14-21
 CONTRACT #: C51502

SUMMARY OF BIDS RECEIVED FOR
 CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION,
 CITRUS PUMP STATION – COMPLETION, AND
 ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION
 CALIFORNIA AQUEDUCT
 SAN BERNARDINO AND RIVERSIDE COUNTIES
 CALIFORNIA

STATE OF CALIFORNIA
CALIFORNIA NATURAL RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

				ENGINEER'S ESTIMATE		AMES CONSTRUCTION INC 391 N MAIN ST SUITE 302 CORONA, CA 92880 (951) 356-1275		J.F. SHEA CONSTRUCTION, INC. 667 BREA CANYON RD. SUITE 30 WALNUT, CA 91788 (909) 595-4397		STEVE P. RADOS, INC. 2002 E. McFADDEN AVE., STE 200 SANTA ANA, CA 92705 (714) 835-4612		CANYON SPRINGS ENTERPRISES dba RSH CONSTRUCTION 3883 WENTWORTH DR HEMET, CA 92545 (951) 925-2288	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION													
1	Temporary Traffic Control	1	JOB	LUMP SUM	\$40,203.00	LUMP SUM	\$14,900.00	LUMP SUM	\$6,000.00	LUMP SUM	\$25,000.00	LUMP SUM	\$6,834.00
2	Remove Stockpile Including Rock Piles	2,520	CY	\$22.00	\$55,440.00	\$15.00	\$37,800.00	\$48.00	\$120,960.00	\$22.00	\$55,440.00	\$2.68	\$6,753.60
3	Excavation	680	CY	\$18.00	\$12,240.00	\$93.00	\$63,240.00	\$26.00	\$17,680.00	\$40.00	\$27,200.00	\$10.13	\$6,888.40
4	Compacted Backfill	650	CY	\$33.50	\$21,775.00	\$27.00	\$17,550.00	\$51.00	\$33,150.00	\$30.00	\$19,500.00	\$39.58	\$25,727.00
5	Slurry Backfill	60	CY	\$238.00	\$14,280.00	\$250.00	\$15,000.00	\$145.00	\$8,700.00	\$120.00	\$7,200.00	\$225.57	\$13,534.20
6	Sleeve Type Couplings 36 Inch	3	EACH	\$4,720.00	\$14,160.00	\$1,300.00	\$3,900.00	\$5,000.00	\$15,000.00	\$7,000.00	\$21,000.00	\$1,511.97	\$4,535.91
7	Sleeve Type Couplings 24 Inch	1	EACH	\$2,930.00	\$2,930.00	\$900.00	\$900.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$1,353.40	\$1,353.40
8	Sleeve Type Couplings 20 Inch	3	EACH	\$2,440.00	\$7,320.00	\$800.00	\$2,400.00	\$3,600.00	\$10,800.00	\$4,000.00	\$12,000.00	\$1,152.40	\$3,457.20
9	Sleeve Type Couplings 8 Inch	1	EACH	\$1,680.00	\$1,680.00	\$550.00	\$550.00	\$1,660.00	\$1,660.00	\$1,500.00	\$1,500.00	\$509.20	\$509.20
10	Irrigation System	1	JOB	LUMP SUM	\$21,700.00	LUMP SUM	\$13,300.00	LUMP SUM	\$25,345.00	LUMP SUM	\$10,000.00	LUMP SUM	\$13,400.00
11	8 Foot Chain Link Fence	10	LF	\$138.00	\$1,380.00	\$40.00	\$400.00	\$224.00	\$2,240.00	\$100.00	\$1,000.00	\$134.00	\$1,340.00
12	Chain Link Sliding Gate	1	EACH	\$6,430.00	\$6,430.00	\$3,100.00	\$3,100.00	\$6,876.00	\$6,876.00	\$8,000.00	\$8,000.00	\$3,350.00	\$3,350.00
13	Landscape Installation	1	JOB	LUMP SUM	\$31,900.00	LUMP SUM	\$20,000.00	LUMP SUM	\$19,594.00	LUMP SUM	\$20,000.00	LUMP SUM	\$20,100.00
14	Landscape Maintenance	1	JOB	LUMP SUM	\$18,600.00	LUMP SUM	\$3,500.00	LUMP SUM	\$2,828.00	LUMP SUM	\$3,000.00	LUMP SUM	\$3,350.00
15	Concrete	3	CY	\$982.00	\$2,946.00	\$1,800.00	\$5,400.00	\$5,000.00	\$15,000.00	\$1,000.00	\$3,000.00	\$549.40	\$1,648.20
16	Pump Barrel Concrete	90	CY	\$1,350.00	\$121,500.00	\$490.00	\$44,100.00	\$700.00	\$63,000.00	\$500.00	\$45,000.00	\$363.29	\$32,696.10
17	Reinforcing Steel	300	LB	\$6.40	\$1,920.00	\$3.10	\$930.00	\$1.57	\$471.00	\$2.00	\$600.00	\$1.88	\$564.00
18	Miscellaneous Metals	1	JOB	LUMP SUM	\$70,100.00	LUMP SUM	\$100,000.00	LUMP SUM	\$49,970.00	LUMP SUM	\$25,000.00	LUMP SUM	\$52,930.00
18a	Modified Polyurethane/ Epoxy Coating System at Crafton Hills Pump Station Addition	1,580	SF	\$7.90	\$12,482.00	\$20.00	\$31,600.00	\$4.50	\$7,110.00	\$20.00	\$31,600.00	\$16.96	\$26,796.80
18b	Buttstrap Connection	2	EACH	\$11,300.00	\$22,600.00	\$95,000.00	\$190,000.00	\$5,000.00	\$10,000.00	\$20,000.00	\$40,000.00	\$1,018.40	\$2,036.80
19	Combination Air Valve Assembly (6 Inch)	6	EACH	\$9,110.00	\$54,660.00	\$6,000.00	\$36,000.00	\$8,000.00	\$48,000.00	\$7,000.00	\$42,000.00	\$8,675.16	\$52,050.96
20	Combination Air Valve Spare Parts	1	JOB	LUMP SUM	\$16,500.00	LUMP SUM	\$96,000.00	LUMP SUM	\$1,200.00	LUMP SUM	\$10,000.00	LUMP SUM	\$11,604.40
21	Removal of Existing Equipment at Crafton Hills Pump Station (CHPS)	1	JOB	LUMP SUM	\$131,700.00	LUMP SUM	\$79,200.00	LUMP SUM	\$126,000.00	LUMP SUM	\$60,000.00	LUMP SUM	\$111,134.40
22	Instrumentation	1	JOB	LUMP SUM	\$97,100.00	LUMP SUM	\$34,100.00	LUMP SUM	\$904,320.00	LUMP SUM	\$40,000.00	LUMP SUM	\$68,185.20
23	Flood Alarm Sensors	1	JOB	LUMP SUM	\$14,800.00	LUMP SUM	\$7,000.00	LUMP SUM	\$6,120.00	LUMP SUM	\$17,000.00	LUMP SUM	\$40,628.40
24	Panel Work at Crafton Hills Pump Station (CHPS)	1	JOB	LUMP SUM	\$70,100.00	LUMP SUM	\$107,000.00	LUMP SUM	\$204,020.00	LUMP SUM	\$130,000.00	LUMP SUM	\$701,000.00
25	Spare Parts and Tools	1	JOB	LUMP SUM	\$17,500.00	LUMP SUM	\$13,400.00	LUMP SUM	\$51,005.00	LUMP SUM	\$18,000.00	LUMP SUM	\$82,802.00
26	Crafton Hills Pump Station Programmable Logic Controllers (PLCs)	2	EACH	\$25,400.00	\$50,800.00	\$193,500.00	\$387,000.00	\$51,005.00	\$102,010.00	\$160,000.00	\$320,000.00	\$42,228.60	\$84,457.20
27	Spare PLC, Tools and Parts	1	JOB	LUMP SUM	\$12,400.00	LUMP SUM	\$102,300.00	LUMP SUM	\$66,306.00	LUMP SUM	\$85,000.00	LUMP SUM	\$28,154.40
28	Security System – Crafton Hills Pump Station	1	JOB	LUMP SUM	\$77,100.00	LUMP SUM	\$394,500.00	LUMP SUM	\$456,150.00	LUMP SUM	\$320,000.00	LUMP SUM	\$412,335.60
29	Security System – Crafton Hills Reservoir and Control Building	1	JOB	LUMP SUM	\$15,300.00	LUMP SUM	\$156,200.00	LUMP SUM	\$344,642.00	LUMP SUM	\$130,000.00	LUMP SUM	\$325,824.00
30	Security System – Greenspot Pump Station	1	JOB	LUMP SUM	\$57,500.00	LUMP SUM	\$244,600.00	LUMP SUM	\$236,675.00	LUMP SUM	\$200,000.00	LUMP SUM	\$262,504.80
31	Security System – Carter Street Valve Facility	1	JOB	LUMP SUM	\$24,100.00	LUMP SUM	\$94,300.00	LUMP SUM	\$69,262.00	LUMP SUM	\$80,000.00	LUMP SUM	\$70,197.60
32	Fire Alarm Systems at Crafton Hills Pump Station (CHPS)	1	JOB	LUMP SUM	\$62,300.00	LUMP SUM	\$15,300.00	LUMP SUM	\$51,005.00	LUMP SUM	\$15,000.00	LUMP SUM	\$30,087.60
33	Bridge Cranes	1	JOB	LUMP SUM	\$63,600.00	LUMP SUM	\$70,500.00	LUMP SUM	\$49,147.00	LUMP SUM	\$50,000.00	LUMP SUM	\$67,000.00
34	Install Department Furnished 11,250 GPM Pump	3	EACH	\$205,000.00	\$615,000.00	\$68,000.00	\$204,000.00	\$40,000.00	\$120,000.00	\$65,000.00	\$195,000.00	\$10,005.33	\$30,015.99
35	Install Department Furnished Valve Assemblies	1	JOB	LUMP SUM	\$26,800.00	LUMP SUM	\$109,700.00	LUMP SUM	\$50,000.00	LUMP SUM	\$200,000.00	LUMP SUM	\$42,748.68
36	Hangers and Supports at the Crafton Hills Pump Station	1	JOB	LUMP SUM	\$136,900.00	LUMP SUM	\$20,000.00	LUMP SUM	\$50,000.00	LUMP SUM	\$10,000.00	LUMP SUM	\$12,140.40
37	Piping, Tubing, Fittings, and Appurtenances	1	JOB	LUMP SUM	\$115,300.00	LUMP SUM	\$348,000.00	LUMP SUM	\$250,000.00	LUMP SUM	\$570,000.00	LUMP SUM	\$210,000.00
38	Solenoid Valves	3	EACH	\$1,820.00	\$5,460.00	\$800.00	\$2,400.00	\$818.00	\$2,454.00	\$800.00	\$2,400.00	\$1,322.13	\$3,966.39
39	8 Inch ANSI 300 Butterfly Valves, with Manual Actuators and Chain Wheel with Chain	2	EACH	\$9,430.00	\$18,860.00	\$13,000.00	\$26,000.00	\$6,022.00	\$12,044.00	\$13,000.00	\$26,000.00	\$15,440.82	\$30,881.64
40	6 Inch ANSI Class 300 Butterfly Valve with Manual Actuator	6	EACH	\$8,890.00	\$53,340.00	\$8,000.00	\$48,000.00	\$4,167.00	\$25,002.00	\$8,000.00	\$48,000.00	\$8,383.93	\$50,303.58
41	4 Inch ANSI 300 Ball Valves with Manual Actuators with Handwheels	1	EACH	\$3,290.00	\$3,290.00	\$9,400.00	\$9,400.00	\$5,993.00	\$5,993.00	\$8,000.00	\$8,000.00	\$9,646.66	\$9,646.66
42	3 Inch ANSI 300 Ball Valves with Manual Actuators and Chain Wheel with Chain	2	EACH	\$3,290.00	\$6,580.00	\$5,300.00	\$10,600.00	\$4,795.00	\$9,590.00	\$5,000.00	\$10,000.00	\$3,738.60	\$7,477.20
43	3 Inch ANSI Class 150 Butterfly Valve with Manual Actuator	3	EACH	\$1,970.00	\$5,910.00	\$4,700.00	\$14,100.00	\$2,140.00	\$6,420.00	\$12,000.00	\$36,000.00	\$5,310.87	\$15,932.61
44	3 Inch Pressure Relief Valve	3	EACH	\$1,970.00	\$5,910.00	\$8,700.00	\$26,100.00	\$10,230.00	\$30,690.00	\$7,000.00	\$21,000.00	\$9,147.73	\$27,443.19
45	Miscellaneous Valves	1	JOB	LUMP SUM	\$111,200.00	LUMP SUM	\$6,300.00	LUMP SUM	\$13,720.00	LUMP SUM	\$3,000.00	LUMP SUM	\$4,261.20
46	Valve Spare Parts	1	JOB	LUMP SUM	\$27,800.00	LUMP SUM	\$25,400.00	LUMP SUM	\$10,000.00	LUMP SUM	\$16,000.00	LUMP SUM	\$21,694.60
47	Accessories for Air Compressors	1	JOB	LUMP SUM	\$77,000.00	LUMP SUM	\$6,700.00	LUMP SUM	\$9,633.00	LUMP SUM	\$5,000.00	LUMP SUM	\$13,400.00
48	Air Chamber	1	EACH	\$268,800.00	\$268,800.00	\$700,000.00	\$700,000.00	\$1,003,000.00	\$1,003,000.00	\$900,000.00	\$900,000.00	\$302,000.00	\$302,000.00
49	Orifice Plate	1	EACH	\$2,700.00	\$2,700.00	\$2,700.00	\$2,700.00	\$40,648.00	\$40,648.00	\$9,000.00	\$9,000.00	\$3,376.80	\$3,376.80
50	Air Chamber Accessories	1	JOB	LUMP SUM	\$35,100.00	LUMP SUM	\$6,700.00	LUMP SUM	\$46,903.00	LUMP SUM	\$8,000.00	LUMP SUM	\$589.60
51	Sump Pump System	1	JOB	LUMP SUM	\$30,700.00	LUMP SUM	\$37,700.00	LUMP SUM	\$22,706.00	LUMP SUM	\$3,000.00	LUMP SUM	\$2,586.20

BID DATE: FEBRUARY 5, 2015 TIME: 2:00:00 PM PLACE: SACRAMENTO SPEC. # 14-21 CONTRACT #: C51502	SUMMARY OF BIDS RECEIVED FOR CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION, CITRUS PUMP STATION – COMPLETION, AND ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION CALIFORNIA AQUEDUCT SAN BERNARDINO AND RIVERSIDE COUNTIES CALIFORNIA	STATE OF CALIFORNIA CALIFORNIA NATURAL RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES
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No. Addendums: 4	ENGINEER'S ESTIMATE	AMES CONSTRUCTION INC 391 N MAIN ST SUITE 302 CORONA, CA 92880 (951) 356-1275	J.F. SHEA CONSTRUCTION, INC. 667 BREA CANYON RD. SUITE 30 WALNUT, CA 91788 (909) 595-4397	STEVE P. RADOS, INC. 2002 E. McFADDEN AVE., STE 200 SANTA ANA, CA 92705 (714) 835-4612	CANYON SPRINGS ENTERPRISES dba RSH CONSTRUCTION 3883 WENTWORTH DR HEMET, CA 92545 (951) 925-2288
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Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
52	10 Ton HVAC Split Systems for Crafton Hills Pump Station	1	EACH	\$61,600.00	\$61,600.00	\$36,000.00	\$36,000.00	\$30,300.00	\$30,300.00	\$30,000.00	\$30,000.00	\$67,000.00	\$67,000.00
53	5.0 kW Electric Unit Heaters	2	EACH	\$6,660.00	\$13,320.00	\$6,200.00	\$12,400.00	\$10,100.00	\$20,200.00	\$5,000.00	\$10,000.00	\$3,350.00	\$6,700.00
54	3.3 kW Electric Unit Heaters	1	EACH	\$6,480.00	\$6,480.00	\$4,300.00	\$4,300.00	\$5,050.00	\$5,050.00	\$5,000.00	\$5,000.00	\$5,360.00	\$5,360.00
55	HVAC Ductwork	1	JOB	LUMP SUM	\$37,200.00	LUMP SUM	\$61,800.00	LUMP SUM	\$2,525.00	LUMP SUM	\$35,000.00	LUMP SUM	\$40,200.00
56	Exhaust Fan Ductwork	1	JOB	LUMP SUM	\$115,800.00	LUMP SUM	\$12,400.00	LUMP SUM	\$35,350.00	LUMP SUM	\$8,000.00	LUMP SUM	\$26,800.00
57	Compressor Ductwork	1	JOB	LUMP SUM	\$21,400.00	LUMP SUM	\$12,400.00	LUMP SUM	\$8,080.00	LUMP SUM	\$15,000.00	LUMP SUM	\$6,700.00
58	Exhaust Fans and Propeller Fans	1	JOB	LUMP SUM	\$19,400.00	LUMP SUM	\$2,500.00	LUMP SUM	\$15,150.00	LUMP SUM	\$6,000.00	LUMP SUM	\$53,600.00
59	Vault Exhaust Fans	5	EACH	\$5,470.00	\$27,350.00	\$1,900.00	\$9,500.00	\$5,050.00	\$25,250.00	\$5,000.00	\$25,000.00	\$13,040.00	\$65,200.00 x
60	Diffusers, Registers, and Grills	1	JOB	LUMP SUM	\$17,300.00	LUMP SUM	\$9,300.00	LUMP SUM	\$4,040.00	LUMP SUM	\$4,000.00	LUMP SUM	\$3,350.00
61	Testing, Adjusting, and Balancing	1	JOB	LUMP SUM	\$14,400.00	LUMP SUM	\$12,400.00	LUMP SUM	\$15,150.00	LUMP SUM	\$15,000.00	LUMP SUM	\$6,700.00
62	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Electrician)	262	HR	\$129.00	\$33,798.00	\$200.00	\$52,400.00	\$126.00	\$33,012.00	\$117.00	\$30,654.00	\$150.00	\$39,300.00
62a	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Electrician NETA Certified)	88	HR	\$157.00	\$13,816.00	\$800.00	\$70,400.00	\$188.00	\$16,544.00	\$250.00	\$22,000.00	\$224.40	\$19,747.20
62b	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Mechanics)	105	HR	\$140.00	\$14,700.00	\$140.00	\$14,700.00	\$200.00	\$21,000.00	\$105.00	\$11,025.00	\$201.00	\$21,105.00
62c	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Millwrights)	175	HR	\$132.00	\$23,100.00	\$150.00	\$26,250.00	\$123.00	\$21,525.00	\$91.00	\$15,925.00	\$201.00	\$35,175.00
62d	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Pipe Fitter)	42	HR	\$150.00	\$6,300.00	\$130.00	\$5,460.00	\$116.00	\$4,872.00	\$91.00	\$3,822.00	\$167.50	\$7,035.00
62e	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Manufacturer Representatives)	28	HR	\$308.00	\$8,624.00	\$270.00	\$7,560.00	\$555.00	\$15,540.00	\$250.00	\$7,000.00	\$300.00	\$8,400.00
63	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Electrician)	655	HR	\$128.00	\$83,840.00	\$140.00	\$91,700.00	\$126.00	\$82,530.00	\$117.00	\$76,635.00	\$150.00	\$98,250.00
63a	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Electrician NETA Certified)	219	HR	\$161.00	\$35,259.00	\$64.00	\$14,016.00	\$188.00	\$41,172.00	\$250.00	\$54,750.00	\$224.40	\$49,143.60
63b	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Mechanics)	263	HR	\$131.00	\$34,453.00	\$140.00	\$36,820.00	\$200.00	\$52,600.00	\$105.00	\$27,615.00	\$201.00	\$52,863.00
63c	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Millwrights)	438	HR	\$131.00	\$57,378.00	\$150.00	\$65,700.00	\$123.00	\$53,874.00	\$91.00	\$39,858.00	\$201.00	\$88,038.00
63d	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Pipe Fitters)	105	HR	\$140.00	\$14,700.00	\$130.00	\$13,650.00	\$116.00	\$12,180.00	\$91.00	\$9,555.00	\$167.50	\$17,587.50
63e	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Manufacturer Representatives)	70	HR	\$242.00	\$16,940.00	\$270.00	\$18,900.00	\$555.00	\$38,850.00	\$250.00	\$17,500.00	\$300.00	\$21,000.00
64	Grounding System	1	JOB	LUMP SUM	\$258,900.00	LUMP SUM	\$4,700.00	LUMP SUM	\$25,158.00	LUMP SUM	\$4,000.00	LUMP SUM	\$29,890.80
65	Cable Trays	1	JOB	LUMP SUM	\$25,100.00	LUMP SUM	\$23,100.00	LUMP SUM	\$4,260.00	LUMP SUM	\$20,000.00	LUMP SUM	\$5,062.80
66	No. 500 Kcmil, 1 Conductor Power Cable	2,500	LF	\$21.00	\$52,500.00	\$14.00	\$35,000.00	\$16.33	\$40,825.00	\$12.00	\$30,000.00	\$19.40	\$48,500.00 x
67	No. 250 Kcmil, 1 Conductor Power Cable	1,200	LF	\$17.00	\$20,400.00	\$8.00	\$9,600.00	\$9.56	\$11,472.00	\$7.00	\$8,400.00	\$11.36	\$13,632.00 x
68	No. 2 AWG, 3 Conductor Power Cable	600	LF	\$15.00	\$9,000.00	\$11.00	\$6,600.00	\$10.03	\$6,018.00	\$10.00	\$6,000.00	\$11.92	\$7,152.00 x
69	No. 2 AWG, 2 Conductor Power Cable	900	LF	\$13.00	\$11,700.00	\$11.00	\$9,900.00	\$9.06	\$8,154.00	\$10.00	\$9,000.00	\$10.76	\$9,684.00 x
70	No. 2 AWG, 1 Conductor Power Cable	500	LF	\$13.00	\$6,500.00	\$4.70	\$2,350.00	\$3.27	\$1,635.00	\$4.00	\$2,000.00	\$3.89	\$1,945.00 x
71	No. 6 AWG, 3 Conductor Power Cable	300	LF	\$9.90	\$2,970.00	\$6.00	\$1,800.00	\$6.06	\$1,818.00	\$5.00	\$1,500.00	\$7.20	\$2,160.00 x
72	No. 8 AWG, 3 Conductor Power Cable	500	LF	\$8.60	\$4,300.00	\$4.60	\$2,300.00	\$4.48	\$2,240.00	\$4.00	\$2,000.00	\$5.33	\$2,665.00 x
73	No. 8 AWG, 2 Conductor Power Cable	500	LF	\$7.70	\$3,850.00	\$4.30	\$2,150.00	\$4.08	\$2,040.00	\$4.00	\$2,000.00	\$4.85	\$2,425.00 x
74	No. 10 AWG, 3 Conductor Power Cable	5,000	LF	\$6.20	\$31,000.00	\$3.80	\$19,000.00	\$2.80	\$14,000.00	\$3.00	\$15,000.00	\$3.32	\$16,600.00 x
75	No. 10 AWG, 2 Conductor Power Cable	100	LF	\$6.00	\$600.00	\$2.80	\$280.00	\$2.92	\$292.00	\$2.25	\$225.00	\$3.47	\$347.00 x
76	No. 10 AWG, 1 Conductor Power Cable	7,000	LF	\$6.00	\$42,000.00	\$1.40	\$9,800.00	\$1.20	\$8,400.00	\$1.25	\$8,750.00	\$1.43	\$10,010.00 x
77	No. 12 AWG, 3 Conductor Power Cable	1,000	LF	\$5.90	\$5,900.00	\$3.00	\$3,000.00	\$2.63	\$2,630.00	\$2.50	\$2,500.00	\$3.12	\$3,120.00 x
78	No. 12 AWG, 2 Conductor Power Cable	3,000	LF	\$5.00	\$15,000.00	\$2.30	\$6,900.00	\$1.95	\$5,850.00	\$2.00	\$6,000.00	\$2.78	\$8,340.00 x
79	No. 14 AWG, 20 Conductor Control Cable	6,000	LF	\$13.00	\$78,000.00	\$10.00	\$60,000.00	\$9.52	\$57,120.00	\$8.00	\$48,000.00	\$11.32	\$67,920.00 x
80	No. 14 AWG, 7 Conductor Control Cable	1,500	LF	\$4.50	\$6,750.00	\$4.10	\$6,150.00	\$40.60	\$60,900.00	\$3.50	\$5,250.00	\$4.82	\$7,230.00 x
81	No. 14 AWG, 4 Conductor Control Cable	100	LF	\$6.60	\$660.00	\$2.80	\$280.00	\$3.21	\$321.00	\$2.25	\$225.00	\$3.82	\$382.00 x
82	No. 14 AWG, 2 Conductor Control Cable	5,000	LF	\$2.80	\$14,000.00	\$1.80	\$9,000.00	\$1.55	\$7,750.00	\$1.50	\$7,500.00	\$1.84	\$9,200.00 x
82a	No. 16 AWG, 20 Conductor Control Cable	1,500	LF	\$9.00	\$13,500.00	\$8.50	\$12,750.00	\$12.27	\$18,405.00	\$7.00	\$10,500.00	\$14.58	\$21,870.00 x
82b	No. 16 AWG, 8 Conductor Control Cable	1,500	LF	\$6.40	\$9,600.00	\$4.70	\$7,050.00	\$12.27	\$18,405.00	\$4.00	\$6,000.00	\$6.38	\$9,570.00 x

BIDDERS 1 - 4

SUMMARY OF BIDS RECEIVED FOR

STATE OF CALIFORNIA
CALIFORNIA NATURAL RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

BID DATE: FEBRUARY 5, 2015
TIME: 2:00:00 PM
PLACE: SACRAMENTO
SPEC. # 14-21
CONTRACT #: C51502

CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION,
CITRUS PUMP STATION – COMPLETION, AND
ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION
CALIFORNIA AQUEDUCT
SAN BERNARDINO AND RIVERSIDE COUNTIES
CALIFORNIA

				ENGINEER'S ESTIMATE		AMES CONSTRUCTION INC 391 N MAIN ST SUITE 302 CORONA, CA 92880 (951) 356-1275		J.F. SHEA CONSTRUCTION, INC. 667 BREA CANYON RD. SUITE 30 WALNUT, CA 91788 (909) 595-4397		STEVE P. RADOS, INC. 2002 E. McFADDEN AVE., STE 200 SANTA ANA, CA 92705 (714) 835-4612		CANYON SPRINGS ENTERPRISES dba RSH CONSTRUCTION 3883 WENTWORTH DR HEMET, CA 92545 (951) 925-2288	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
		No. Addendums: 4											
83	No. 16 AWG, 1 Pair, Instrumentation Cable, Type I	150	LF	\$5.60	\$840.00	\$2.00	\$300.00	\$2.00	\$300.00	\$1.75	\$262.50	\$2.08	\$312.00
84	No. 16 AWG, 2 Pair, Instrumentation Cable, Type II	10,000	LF	\$4.00	\$40,000.00	\$2.80	\$28,000.00	\$2.00	\$20,000.00	\$2.25	\$22,500.00	\$2.38	\$23,800.00
85	No. 16 AWG, 4 Pair, Instrumentation Cable, Type II	2,100	LF	\$6.90	\$14,490.00	\$3.90	\$8,190.00	\$2.24	\$4,704.00	\$3.25	\$6,825.00	\$5.08	\$10,668.00
86	No. 16 AWG, 6 Pair, Instrumentation Cable, Type II	120	LF	\$8.60	\$1,032.00	\$5.00	\$600.00	\$6.00	\$720.00	\$4.25	\$510.00	\$6.44	\$772.80
86a	No. 16, 8 Triad, Instrumentation Cable, Type IV	1,500	LF	\$13.00	\$19,500.00	\$8.00	\$12,000.00	\$11.80	\$17,700.00	\$7.00	\$10,500.00	\$14.02	\$21,030.00
86b	No. 16, 2 Triad, Instrumentation Cable, Type IV	1,000	LF	\$9.70	\$9,700.00	\$2.80	\$2,800.00	\$3.35	\$3,350.00	\$3.50	\$3,500.00	\$3.98	\$3,980.00
86c	No. 16, 1 Triad, Instrumentation Cable, Type IV	1,500	LF	\$7.10	\$10,650.00	\$2.20	\$3,300.00	\$2.03	\$3,045.00	\$1.75	\$2,625.00	\$2.41	\$3,615.00
87	Lighting Wire, No. 10 AWG, Solid Copper, XHHW Insulated	1,000	LF	\$2.50	\$2,500.00	\$1.40	\$1,400.00	\$2.41	\$2,410.00	\$1.25	\$1,250.00	\$2.87	\$2,870.00
88	Lighting Wire, No. 12 AWG, Solid Copper, XHHW Insulated	1,000	LF	\$2.60	\$2,600.00	\$1.10	\$1,100.00	\$2.10	\$2,100.00	\$1.00	\$1,000.00	\$2.50	\$2,500.00
89	No. 16 AWG, XHHW/SIS Wire	1,000	LF	\$5.20	\$5,200.00	\$6.00	\$6,000.00	\$4.16	\$4,160.00	\$5.00	\$5,000.00	\$4.94	\$4,940.00
90	No. 14 AWG, XHHW/SIS Wire	1,000	LF	\$5.50	\$5,500.00	\$0.80	\$800.00	\$1.39	\$1,390.00	\$0.75	\$750.00	\$1.66	\$1,660.00
91	No. 12 AWG, XHHW/SIS Wire	1,000	LF	\$5.20	\$5,200.00	\$1.10	\$1,100.00	\$1.97	\$1,970.00	\$1.00	\$1,000.00	\$2.34	\$2,340.00
92	No. 10 AWG, XHHW/SIS Wire	1,000	LF	\$5.50	\$5,500.00	\$1.40	\$1,400.00	\$2.35	\$2,350.00	\$1.25	\$1,250.00	\$2.80	\$2,800.00
93	Fiber Optic Cable (FOC) Hardware	1	JOB	LUMP SUM	\$70,900.00	LUMP SUM	\$56,900.00	LUMP SUM	\$10,201.00	LUMP SUM	\$50,000.00	LUMP SUM	\$25,849.20
94	FOC Replacement	1	JOB	LUMP SUM	\$78,900.00	LUMP SUM	\$95,900.00	LUMP SUM	\$15,303.00	LUMP SUM	\$80,000.00	LUMP SUM	\$104,592.00
95	ST Panel Replacement	1	JOB	LUMP SUM	\$53,500.00	LUMP SUM	\$11,600.00	LUMP SUM	\$20,402.00	LUMP SUM	\$10,000.00	LUMP SUM	\$3,866.40
96	FOC Testing	1	JOB	LUMP SUM	\$15,000.00	LUMP SUM	\$102,500.00	LUMP SUM	\$10,201.00	LUMP SUM	\$85,000.00	LUMP SUM	\$2,227.20
97	5 kV Power Cable, MV-105 Type Single Conductor No. 2/0 AWG	2,600	LF	\$13.00	\$33,800.00	\$8.50	\$22,100.00	\$19.64	\$51,064.00	\$7.00	\$18,200.00	\$23.34	\$60,684.00
98	Cable – Category 6a Bulk Cable	1,200	LF	\$13.00	\$15,600.00	\$1.60	\$1,920.00	\$1.58	\$1,896.00	\$1.50	\$1,800.00	\$1.87	\$2,244.00
99	Cables – Category 6a Patch Cables (various lengths)	1	JOB	LUMP SUM	\$19,600.00	LUMP SUM	\$670.00	LUMP SUM	\$1,163.00	LUMP SUM	\$600.00	LUMP SUM	\$1,382.40
100	Cable – No. 14 AWG, Single Conductor RG11 Coaxial Cable	500	LF	\$13.00	\$6,500.00	\$3.10	\$1,550.00	\$4.61	\$2,305.00	\$3.00	\$1,500.00	\$5.47	\$2,735.00
101	Cable – No. 18 AWG, Single Conductor RG6 Coaxial Cable	70	LF	\$13.00	\$910.00	\$4.10	\$287.00	\$6.50	\$455.00	\$3.50	\$245.00	\$7.73	\$541.10
102	Junction Boxes with Cover Plates	25	EACH	\$145.00	\$3,625.00	\$140.00	\$3,500.00	\$159.00	\$3,975.00	\$120.00	\$3,000.00	\$188.94	\$4,723.50
103	Pull Box No. 38 – 13"x24"x12"	10	EACH	\$1,450.00	\$14,500.00	\$280.00	\$2,800.00	\$780.00	\$7,800.00	\$230.00	\$2,300.00	\$928.20	\$9,282.00
103a	Pull Box – JPK 24"x24"x 24"	1	EACH	\$2,160.00	\$2,160.00	\$810.00	\$810.00	\$2,286.00	\$2,286.00	\$650.00	\$650.00	\$2,716.80	\$2,716.80
104	Conduit – 3/4 Inch Diameter Intermediate Metallic Conduit (IMC)	2,500	LF	\$12.00	\$30,000.00	\$11.00	\$27,500.00	\$16.76	\$41,900.00	\$9.00	\$22,500.00	\$19.91	\$49,775.00
105	Conduit – 1 Inch Diameter Intermediate Metallic Conduit (IMC)	700	LF	\$20.50	\$14,350.00	\$15.00	\$10,500.00	\$19.20	\$13,440.00	\$12.00	\$8,400.00	\$22.81	\$15,967.00
106	Conduit – 1-1/2 Inch Diameter Intermediate Metallic Conduit (IMC)	300	LF	\$21.00	\$6,300.00	\$21.00	\$6,300.00	\$23.75	\$7,125.00	\$17.00	\$5,100.00	\$28.21	\$8,463.00
107	Conduit – 2 Inch Diameter Intermediate Metallic Conduit (IMC)	650	LF	\$26.50	\$17,225.00	\$24.00	\$15,600.00	\$48.00	\$31,200.00	\$20.00	\$13,000.00	\$57.69	\$37,498.50
108	Conduit – 3 Inch Diameter Intermediate Metallic Conduit (IMC)	680	LF	\$54.50	\$37,060.00	\$67.00	\$45,560.00	\$64.75	\$44,030.00	\$55.00	\$37,400.00	\$76.93	\$52,312.40
109	Conduit – 1 Inch Diameter PVC Schedule 80	1,100	LF	\$11.00	\$12,100.00	\$8.50	\$9,350.00	\$6.45	\$7,095.00	\$7.00	\$7,700.00	\$9.36	\$10,296.00
110	Conduit – 2 Inch Diameter PVC Schedule 80	24,000	LF	\$14.00	\$336,000.00	\$11.00	\$264,000.00	\$10.15	\$243,600.00	\$9.30	\$223,200.00	\$12.06	\$289,440.00
111	Conduit – 3 Inch Diameter PVC Schedule 80	20	LF	\$45.50	\$910.00	\$34.00	\$680.00	\$22.00	\$440.00	\$30.00	\$600.00	\$26.09	\$521.80
111a	Conduit – 4 Inch Diameter PVC Schedule 80	200	LF	\$39.00	\$7,800.00	\$24.00	\$4,800.00	\$25.13	\$5,026.00	\$19.00	\$3,800.00	\$29.86	\$5,972.00
112	Warning Tape	30,000	LF	\$0.98	\$29,400.00	\$0.05	\$1,500.00	\$2.00	\$60,000.00	\$0.01	\$300.00	\$2.38	\$71,400.00
113	Electronic Equipment Enclosures – PLC Cubicle CCB (CHPS)	1	EACH	\$21,000.00	\$21,000.00	\$216,600.00	\$216,600.00	\$11,618.00	\$11,618.00	\$175,000.00	\$175,000.00	\$13,802.40	\$13,802.40
114	Wiring Devices	1	JOB	LUMP SUM	\$28,700.00	LUMP SUM	\$4,200.00	LUMP SUM	\$6,626.00	LUMP SUM	\$3,500.00	LUMP SUM	\$7,873.20
115	Install Department Furnished Motors for Crafton Hills Pump Station (CHPS)	3	EACH	\$26,200.00	\$78,600.00	\$32,300.00	\$96,900.00	\$125,000.00	\$375,000.00	\$20,000.00	\$60,000.00	\$6,583.33	\$19,749.99
116	Install Department Furnished Excitation for Crafton Hills Pump Station (CHPS)	3	EACH	\$26,200.00	\$78,600.00	\$3,600.00	\$10,800.00	\$5,525.00	\$16,575.00	\$2,900.00	\$8,700.00	\$6,565.20	\$19,695.60
117	Install Department Furnished Automatic Voltage Regulators (AVRs) for Crafton Hills Pump Station (CHPS)	3	EACH	\$26,200.00	\$78,600.00	\$14,400.00	\$43,200.00	\$5,525.00	\$16,575.00	\$6,800.00	\$20,400.00	\$6,565.20	\$19,695.60
118	Install Department Furnished Conditioning Monitoring System for Crafton Hills Pump Station (CHPS)	3	EACH	\$26,200.00	\$78,600.00	\$2,600.00	\$7,800.00	\$15,000.00	\$45,000.00	\$2,200.00	\$6,600.00	\$5,096.40	\$15,289.20
119	Replace Minus 48 Volt dc (Vdc) Power System at Crafton Hills Pump Station (CHPS)	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$18,300.00	LUMP SUM	\$5,102.00	LUMP SUM	\$15,000.00	LUMP SUM	\$15,978.00
120	Reduced Size Minus 48 Volt dc (Vdc) Power System at Crafton Hills Reservoir Control Building	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$12,900.00	LUMP SUM	\$8,161.00	LUMP SUM	\$10,000.00	LUMP SUM	\$15,978.00
121	Replace Minus 48 Volt dc (Vdc) Power System at Greenspot Pump Station (GSPS)	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$18,300.00	LUMP SUM	\$8,161.00	LUMP SUM	\$15,000.00	LUMP SUM	\$15,978.00
122	Reduced Size Minus 48 Volt dc (Vdc) Power System at Carter Street Valve Facility	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$12,900.00	LUMP SUM	\$8,161.00	LUMP SUM	\$10,500.00	LUMP SUM	\$15,978.00
123	Dry Type Transformer – 5kVA, 480-240/120V	4	EACH	\$32,700.00	\$130,800.00	\$3,000.00	\$12,000.00	\$20,403.00	\$81,612.00	\$2,500.00	\$10,000.00	\$4,357.20	\$17,428.80
124	Install Department Furnished Transformer at Crafton Hills Pump Station (CHPS)	1	JOB	LUMP SUM	\$122,000.00	LUMP SUM	\$10,900.00	LUMP SUM	\$51,350.00	LUMP SUM	\$9,000.00	LUMP SUM	\$61,009.20
125	Install Department Furnished 5 kV Switchgear for Crafton Hills Pump Station (CHPS)	1	JOB	LUMP SUM	\$122,000.00	LUMP SUM	\$13,600.00	LUMP SUM	\$40,205.00	LUMP SUM	\$11,000.00	LUMP SUM	\$47,768.40
126	Install Department Furnished Programmable Logic Controller (PLC) Cubicle for Crafton Hills Pump Station (CHPS)	1	JOB	LUMP SUM	\$8,840.00	LUMP SUM	\$2,400.00	LUMP SUM	\$13,212.00	LUMP SUM	\$2,000.00	LUMP SUM	\$15,698.40

SUMMARY OF BIDS RECEIVED FOR

**STATE OF CALIFORNIA
CALIFORNIA NATURAL RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES**

BID DATE: FEBRUARY 5, 2015
TIME: 2:00:00 PM
PLACE: SACRAMENTO
SPEC. # 14-21
CONTRACT #: C51502

CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION,
CITRUS PUMP STATION – COMPLETION, AND
ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION
CALIFORNIA AQUEDUCT
SAN BERNARDINO AND RIVERSIDE COUNTIES
CALIFORNIA

				ENGINEER'S ESTIMATE		AMES CONSTRUCTION INC 391 N MAIN ST SUITE 302 CORONA, CA 92880 (951) 356-1275		J.F. SHEA CONSTRUCTION, INC. 667 BREA CANYON RD. SUITE 30 WALNUT, CA 91788 (909) 595-4397		STEVE P. RADOS, INC. 2002 E. McFADDEN AVE., STE 200 SANTA ANA, CA 92705 (714) 835-4612		CANYON SPRINGS ENTERPRISES dba RSH CONSTRUCTION 3883 WENTWORTH DR HEMET, CA 92545 (951) 925-2288			
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total		
No. Addendums: 4															
127	Safety Disconnect Switches 200A	2	EACH	\$3,120.00	\$6,240.00	\$1,900.00	\$3,800.00	\$1,021.00	\$2,042.00	\$1,600.00	\$3,200.00	\$1,430.40	\$2,860.80		
128	Safety Disconnect Switches 60A	5	EACH	\$1,420.00	\$7,100.00	\$1,400.00	\$7,000.00	\$766.00	\$3,830.00	\$1,200.00	\$6,000.00	\$757.20	\$3,786.00		
129	Safety Disconnect Switches 30A	10	EACH	\$1,030.00	\$10,300.00	\$1,100.00	\$11,000.00	\$511.00	\$5,110.00	\$920.00	\$9,200.00	\$650.40	\$6,504.00		
130	Panelboard 3 Phase, 208/120 VAC (LF)	1	EACH	\$4,090.00	\$4,090.00	\$2,200.00	\$2,200.00	\$3,061.00	\$3,061.00	\$1,800.00	\$1,800.00	\$1,483.20	\$1,483.20		
131	Panelboard 3 Phase, 480VAC (Valve Vault)	4	EACH	\$5,840.00	\$23,360.00	\$1,900.00	\$7,600.00	\$3,060.00	\$12,240.00	\$1,600.00	\$6,400.00	\$3,366.00	\$13,464.00		
132	Panelboard Single Phase, 240/120, NEMA 3R (Valve Vault)	4	EACH	\$4,090.00	\$16,360.00	\$1,000.00	\$4,000.00	\$1,021.00	\$4,084.00	\$850.00	\$3,400.00	\$2,472.00	\$9,888.00		
132a	Branch Circuit Breakers, 20A 3 Pole, 480 VAC (Panel PC)	4	EACH	\$4,580.00	\$18,320.00	\$890.00	\$3,560.00	\$256.00	\$1,024.00	\$715.00	\$2,860.00	\$1,056.00	\$4,224.00		
132b	Branch Circuit Breaker, 60A 3 Pole, 480 VAC (Panel PD)	2	EACH	\$4,580.00	\$9,160.00	\$890.00	\$1,780.00	\$1,021.00	\$2,042.00	\$715.00	\$1,430.00	\$1,779.60	\$3,559.20		
133	Distribution Switchboards at Crafton Hills Pump Station (CHPS)	1	EACH	\$6,290.00	\$6,290.00	\$20,600.00	\$20,600.00	\$51,006.00	\$51,006.00	\$17,000.00	\$17,000.00	\$50,103.60	\$50,103.60		
134	Indoor and Outdoor Lighting	1	JOB	LUMP SUM	\$14,300.00	LUMP SUM	\$34,000.00	LUMP SUM	\$102,011.00	LUMP SUM	\$28,000.00	LUMP SUM	\$51,682.80		
135	Training Program for Programmable Logic Controllers (PLCs)	5	DAY	\$1,910.00	\$9,550.00	\$1,500.00	\$7,500.00	\$1,531.00	\$7,655.00	\$1,200.00	\$6,000.00	\$2,484.00	\$12,420.00		
136	Modbus TCP Gateways	1	EACH	\$4,770.00	\$4,770.00	\$17,200.00	\$17,200.00	\$8,160.00	\$8,160.00	\$14,000.00	\$14,000.00	\$4,418.40	\$4,418.40		
137	Spare Modbus TCP Gateway	1	EACH	\$3,370.00	\$3,370.00	\$7,800.00	\$7,800.00	\$2,551.00	\$2,551.00	\$6,300.00	\$6,300.00	\$4,418.40	\$4,418.40		
138	Ethernet Patch Panels	4	EACH	\$476.00	\$1,904.00	\$6,900.00	\$27,600.00	\$307.00	\$1,228.00	\$5,600.00	\$22,400.00	\$5,674.80	\$22,699.20		
139	RJ45 Data Jacks	1	JOB	LUMP SUM	\$6,210.00	LUMP SUM	\$1,600.00	LUMP SUM	\$5,101.00	LUMP SUM	\$1,300.00	LUMP SUM	\$139.20		
SUBTOTAL						\$5,985,000.00		\$6,223,393.00		\$7,240,145.00	X	\$5,730,886.50		\$5,718,546.70	X
CITRUS PUMP STATION – COMPLETION															
140	Temporary Traffic Control	1	JOB	LUMP SUM	\$40,303.00	LUMP SUM	\$7,500.00	LUMP SUM	\$6,000.00	LUMP SUM	\$15,000.00	LUMP SUM	\$6,834.00		
141	Excavation	4,500	CY	\$18.00	\$81,000.00	\$45.00	\$202,500.00	\$59.00	\$265,500.00	\$20.00	\$90,000.00	\$40.29	\$181,305.00	x	
142	Compacted Backfill	3,500	CY	\$33.50	\$117,250.00	\$30.00	\$105,000.00	\$60.00	\$210,000.00	\$20.00	\$70,000.00	\$54.65	\$191,275.00	x	
143	Common Backfill	100	CY	\$169.00	\$16,900.00	\$31.00	\$3,100.00	\$43.00	\$4,300.00	\$17.00	\$1,700.00	\$72.89	\$7,289.00	x	
144	Remove Stockpile Including Rock Piles	18,000	CY	\$22.50	\$405,000.00	\$10.00	\$180,000.00	\$30.00	\$540,000.00	\$25.00	\$450,000.00	\$2.01	\$36,180.00	x	
145	3/4 Inch Crushed Rock	800	CY	\$58.00	\$46,400.00	\$130.00	\$104,000.00	\$112.00	\$89,600.00	\$70.00	\$56,000.00	\$67.92	\$54,336.00	x	
146	Slurry Backfill	45	CY	\$238.00	\$10,710.00	\$220.00	\$9,900.00	\$238.00	\$10,710.00	\$100.00	\$4,500.00	\$194.30	\$8,743.50	x	
147	Consolidated Backfill	60	CY	\$76.00	\$4,560.00	\$51.00	\$3,060.00	\$152.00	\$9,120.00	\$100.00	\$6,000.00	\$113.90	\$6,834.00	x	
148	Stone Slope Protection	250	TON	\$80.50	\$20,125.00	\$69.00	\$17,250.00	\$87.00	\$21,750.00	\$70.00	\$17,500.00	\$89.24	\$22,310.00	x	
149	Geotextile Fabric	200	SY	\$17.50	\$3,500.00	\$15.00	\$3,000.00	\$11.70	\$2,340.00	\$2.00	\$400.00	\$20.44	\$4,088.00	x	
150	Sleeve Type Couplings 48 Inch	2	EACH	\$8,190.00	\$16,380.00	\$2,000.00	\$4,000.00	\$11,000.00	\$22,000.00	\$12,000.00	\$24,000.00	\$2,331.00	\$4,662.00	x	
151	Sleeve Type Couplings 20 Inch	4	EACH	\$2,920.00	\$11,680.00	\$800.00	\$3,200.00	\$4,110.00	\$16,440.00	\$4,000.00	\$16,000.00	\$1,782.20	\$7,128.80	x	
152	Sleeve Type Couplings 18 Inch	2	EACH	\$2,470.00	\$4,940.00	\$670.00	\$1,340.00	\$3,464.00	\$6,928.00	\$4,000.00	\$8,000.00	\$1,259.60	\$2,519.20	x	
153	Sleeve Type Couplings 14 Inch	2	EACH	\$1,940.00	\$3,880.00	\$530.00	\$1,060.00	\$2,567.00	\$5,134.00	\$2,500.00	\$5,000.00	\$991.60	\$1,983.20	x	
154	Sleeve Type Couplings 8 Inch	2	EACH	\$1,940.00	\$3,880.00	\$330.00	\$660.00	\$1,498.00	\$2,996.00	\$1,200.00	\$2,400.00	\$864.30	\$1,728.60	x	
155	Septic System	1	JOB	LUMP SUM	\$125,800.00	LUMP SUM	\$110,000.00	LUMP SUM	\$200,000.00	LUMP SUM	\$100,000.00	LUMP SUM	\$54,370.50		
156	6 Inch Corrugated Metal Pipe	90	LF	\$34.00	\$3,060.00	\$71.00	\$6,390.00	\$168.00	\$15,120.00	\$90.00	\$8,100.00	\$74.59	\$6,713.10	x	
157	12 Inch Corrugated Metal Pipe	70	LF	\$47.50	\$3,325.00	\$81.00	\$5,670.00	\$310.00	\$21,700.00	\$110.00	\$7,700.00	\$109.31	\$7,651.70	x	
158	24 Inch Corrugated Metal Pipe	150	LF	\$90.50	\$13,575.00	\$67.00	\$10,050.00	\$240.12	\$36,018.00	\$100.00	\$15,000.00	\$108.99	\$16,348.50	x	
159	Precast Structures at Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$58,615.00	LUMP SUM	\$15,000.00	LUMP SUM	\$50,000.00	LUMP SUM	\$80,000.00	LUMP SUM	\$30,632.40		
160	Aggregate Base	800	TON	\$48.50	\$38,800.00	\$63.00	\$50,400.00	\$66.00	\$52,800.00	\$50.00	\$40,000.00	\$39.36	\$31,488.00	x	
161	Hot Mix Asphalt	1,000	TON	\$132.00	\$132,000.00	\$115.00	\$115,000.00	\$146.00	\$146,000.00	\$90.00	\$90,000.00	\$127.30	\$127,300.00	x	
162	Irrigation System	1	JOB	LUMP SUM	\$43,000.00	LUMP SUM	\$67,000.00	LUMP SUM	\$54,793.00	LUMP SUM	\$50,000.00	LUMP SUM	\$53,600.00		
163	8 Foot Chain Link Fence	3,700	LF	\$37.00	\$136,900.00	\$38.00	\$140,600.00	\$26.50	\$98,050.00	\$26.00	\$96,200.00	\$43.62	\$161,394.00	x	
164	6 Foot Chain Link Fence	4,600	LF	\$31.00	\$142,600.00	\$38.00	\$174,800.00	\$25.10	\$115,460.00	\$32.00	\$147,200.00	\$43.80	\$201,480.00	x	
165	10 Foot Double Chain Link Gate	4	EACH	\$8,025.00	\$32,100.00	\$2,000.00	\$8,000.00	\$2,130.00	\$8,520.00	\$2,000.00	\$8,000.00	\$2,208.99	\$8,835.96	x	
166	24 Foot Double Chain Link Fence Gate	3	EACH	\$5,140.00	\$15,420.00	\$12,400.00	\$37,200.00	\$2,135.00	\$6,405.00	\$3,500.00	\$10,500.00	\$3,329.80	\$9,989.40	x	
167	30 Foot Double Fence Gate	1	EACH	\$16,900.00	\$16,900.00	\$24,700.00	\$24,700.00	\$3,440.00	\$3,440.00	\$4,000.00	\$4,000.00	\$4,959.34	\$4,959.34		
168	12 Foot Double Chain Link Fence Gate	1	EACH	\$6,430.00	\$6,430.00	\$12,400.00	\$12,400.00	\$3,152.00	\$3,152.00	\$2,500.00	\$2,500.00	\$3,224.04	\$3,224.04		
169	33 Foot Pipe Gate	1	EACH	\$16,800.00	\$16,800.00	\$3,100.00	\$3,100.00	\$6,404.00	\$6,404.00	\$10,000.00	\$10,000.00	\$9,447.00	\$9,447.00		
170	Ornamental Fencing and Gates	1	JOB	LUMP SUM	\$28,000.00	LUMP SUM	\$18,600.00	LUMP SUM	\$40,400.00	LUMP SUM	\$25,000.00	LUMP SUM	\$26,155.46		
171	Exclusion Fence	5,200	LF	\$6.80	\$35,360.00	\$18.00	\$93,600.00	\$6.20	\$32,240.00	\$5.00	\$26,000.00	\$21.16	\$110,032.00	x	
172	Landscape Installation	1	JOB	LUMP SUM	\$100,400.00	LUMP SUM	\$77,000.00	LUMP SUM	\$140,000.00	LUMP SUM	\$60,000.00	LUMP SUM	\$53,600.00		
173	Landscape Maintenance	1	JOB	LUMP SUM	\$18,600.00	LUMP SUM	\$37,100.00	LUMP SUM	\$5,606.00	LUMP SUM	\$5,000.00	LUMP SUM	\$6,700.00		
174	Concrete	830	CY	\$1,020.00	\$846,600.00	\$630.00	\$522,900.00	\$863.00	\$716,290.00	\$460.00	\$381,800.00	\$559.33	\$464,243.90	x	
175	Reinforcing Steel	112,000	LB	\$1.35	\$151,200.00	\$1.30	\$145,600.00	\$1.23	\$137,760.00	\$1.40	\$156,800.00	\$1.54	\$172,480.00	x	

BIDDERS 1 - 4

BID DATE: FEBRUARY 5, 2015
 TIME: 2:00:00 PM
 PLACE: SACRAMENTO
 SPEC. # 14-21
 CONTRACT #: C51502

SUMMARY OF BIDS RECEIVED FOR
 CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION,
 CITRUS PUMP STATION – COMPLETION, AND
 ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION
 CALIFORNIA AQUEDUCT
 SAN BERNARDINO AND RIVERSIDE COUNTIES
 CALIFORNIA

STATE OF CALIFORNIA
CALIFORNIA NATURAL RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

		No. Addendums: 4		ENGINEER'S ESTIMATE		AMES CONSTRUCTION INC 391 N MAIN ST SUITE 302 CORONA, CA 92880 (951) 356-1275		J.F. SHEA CONSTRUCTION, INC. 667 BREA CANYON RD. SUITE 30 WALNUT, CA 91788 (909) 595-4397		STEVE P. RADOS, INC. 2002 E. McFADDEN AVE., STE 200 SANTA ANA, CA 92705 (714) 835-4612		CANYON SPRINGS ENTERPRISES dba RSH CONSTRUCTION 3883 WENTWORTH DR HEMET, CA 92545 (951) 925-2288	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
176	Miscellaneous Metal	1	JOB	LUMP SUM	\$70,100.00	LUMP SUM	\$125,000.00	LUMP SUM	\$449,706.00	LUMP SUM	\$125,000.00	LUMP SUM	\$132,258.00
176a	Modified Polyurethane/ Epoxy Coating System at Citrus Pump Station	10,370	SF	\$7.10	\$73,627.00	\$10.00	\$103,700.00	\$5.00	\$51,850.00	\$25.00	\$259,250.00	\$11.18	\$115,936.60
177	6 Inch Combination Air Valve Assembly	10	EACH	\$9,110.00	\$91,100.00	\$6,700.00	\$67,000.00	\$13,000.00	\$130,000.00	\$7,500.00	\$75,000.00	\$8,522.40	\$85,224.00
178	4 Inch Combination Air Valve Assembly	4	EACH	\$7,440.00	\$29,760.00	\$4,700.00	\$18,800.00	\$9,000.00	\$36,000.00	\$6,500.00	\$26,000.00	\$5,992.48	\$23,969.92
179	3 Inch Combination Air Valve Assembly	2	EACH	\$7,170.00	\$14,340.00	\$3,300.00	\$6,600.00	\$8,000.00	\$16,000.00	\$6,500.00	\$13,000.00	\$4,770.40	\$9,540.80
180	Combination Air Valve Spare Parts	1	JOB	LUMP SUM	\$5,120.00	LUMP SUM	\$26,700.00	LUMP SUM	\$4,150.00	LUMP SUM	\$3,000.00	LUMP SUM	\$24,437.00
181	Citrus Pump Station Storage Building	1	JOB	LUMP SUM	\$837,100.00	LUMP SUM	\$246,100.00	LUMP SUM	\$552,820.00	LUMP SUM	\$1,250,000.00	LUMP SUM	\$297,907.20
182	Citrus Pump Station Office Building	1	JOB	LUMP SUM	\$864,500.00	LUMP SUM	\$2,200,400.00	LUMP SUM	\$1,099,754.00	LUMP SUM	\$3,095,000.00	LUMP SUM	\$540,000.00
183	Cathodic Protection at Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$28,900.00	LUMP SUM	\$62,500.00	LUMP SUM	\$55,000.00	LUMP SUM	\$50,000.00	LUMP SUM	\$10,000.00
184	Instrumentation	1	JOB	LUMP SUM	\$137,800.00	LUMP SUM	\$102,200.00	LUMP SUM	\$255,025.00	LUMP SUM	\$75,000.00	LUMP SUM	\$259,185.60
185	8 Inch Propeller Flowmeter	1	JOB	LUMP SUM	\$9,690.00	LUMP SUM	\$21,900.00	LUMP SUM	\$6,605.00	LUMP SUM	\$12,000.00	LUMP SUM	\$6,189.60
186	Flood Alarm Sensors	1	JOB	LUMP SUM	\$3,330.00	LUMP SUM	\$6,100.00	LUMP SUM	\$10,202.00	LUMP SUM	\$7,000.00	LUMP SUM	\$15,290.40
187	Security System – Citrus Reservoir and Citrus Pump Station Building	1	JOB	LUMP SUM	\$52,400.00	LUMP SUM	\$300,000.00	LUMP SUM	\$305,908.00	LUMP SUM	\$240,000.00	LUMP SUM	\$363,456.00
188	Security System – Citrus Pumps Station Office Building	1	JOB	LUMP SUM	\$52,400.00	LUMP SUM	\$390,000.00	LUMP SUM	\$135,000.00	LUMP SUM	\$350,000.00	LUMP SUM	\$160,408.80
189	Fire Alarm Systems at Citrus Pump Station at CPS	1	JOB	LUMP SUM	\$62,300.00	LUMP SUM	\$37,500.00	LUMP SUM	\$102,010.00	LUMP SUM	\$30,000.00	LUMP SUM	\$118,482.00
190	Fire Deluge Control Systems at CPS	1	JOB	LUMP SUM	\$148,900.00	LUMP SUM	\$185,000.00	LUMP SUM	\$50,500.00	LUMP SUM	\$30,000.00	LUMP SUM	\$67,000.00
191	Fire Extinguishing Deluge System	1	JOB	LUMP SUM	\$148,900.00	LUMP SUM	\$37,100.00	LUMP SUM	\$80,800.00	LUMP SUM	\$170,000.00	LUMP SUM	\$48,039.00
192	Bridge Cranes	1	JOB	LUMP SUM	\$63,600.00	LUMP SUM	\$65,000.00	LUMP SUM	\$54,000.00	LUMP SUM	\$55,000.00	LUMP SUM	\$71,231.72
193	Jib Crane	1	JOB	LUMP SUM	\$37,800.00	LUMP SUM	\$106,900.00	LUMP SUM	\$65,196.00	LUMP SUM	\$65,000.00	LUMP SUM	\$86,497.00
194	Install Department Furnished 4,500 GPM Pump	2	EACH	\$163,000.00	\$326,000.00	\$52,700.00	\$105,400.00	\$35,000.00	\$70,000.00	\$45,000.00	\$90,000.00	\$10,720.00	\$21,440.00
195	Install Department Furnished 9,000 GPM Pump	2	EACH	\$191,000.00	\$382,000.00	\$45,500.00	\$91,000.00	\$45,000.00	\$90,000.00	\$45,000.00	\$90,000.00	\$12,864.00	\$25,728.00
196	Install Department Furnished 11,250 GPM Pump	4	EACH	\$203,600.00	\$814,400.00	\$49,600.00	\$198,400.00	\$50,000.00	\$200,000.00	\$38,000.00	\$152,000.00	\$14,448.75	\$57,795.00
197	Install Department Furnished Valve Assemblies	1	JOB	LUMP SUM	\$34,800.00	LUMP SUM	\$62,700.00	LUMP SUM	\$88,000.00	LUMP SUM	\$190,000.00	LUMP SUM	\$46,042.40
198	Hangers and Supports at the Citrus Pump Station Building	1	JOB	LUMP SUM	\$136,900.00	LUMP SUM	\$70,800.00	LUMP SUM	\$190,000.00	LUMP SUM	\$45,000.00	LUMP SUM	\$30,016.00
199	Piping, Tubing, Fittings, and Appurtenances	1	JOB	LUMP SUM	\$53,300.00	LUMP SUM	\$500,000.00	LUMP SUM	\$1,210,000.00	LUMP SUM	\$1,650,000.00	LUMP SUM	\$630,805.00
200	8 Inch ANSI Class 300 Butterfly Valve with Manual Actuator	1	EACH	\$9,430.00	\$9,430.00	\$13,400.00	\$13,400.00	\$5,000.00	\$5,000.00	\$13,000.00	\$13,000.00	\$15,758.40	\$15,758.40
201	8 Inch ANSI 300 Butterfly Valves, with Manual Actuators and Chain Wheel with Chain	2	EACH	\$9,430.00	\$18,860.00	\$13,400.00	\$26,800.00	\$5,500.00	\$11,000.00	\$13,000.00	\$26,000.00	\$15,892.40	\$31,784.80
202	8 Inch ANSI Class 150 Butterfly Valves with Manual Actuator	8	EACH	\$14,000.00	\$112,000.00	\$8,700.00	\$69,600.00	\$3,500.00	\$28,000.00	\$9,000.00	\$72,000.00	\$10,411.80	\$83,294.40
203	8 Inch ANSI Class 150 Butterfly Valve with Electric Actuator	1	EACH	\$14,000.00	\$14,000.00	\$20,000.00	\$20,000.00	\$9,620.00	\$9,620.00	\$18,000.00	\$18,000.00	\$22,056.40	\$22,056.40
204	6 Inch ANSI Class 300 Butterfly Valve with Manual Actuator	10	EACH	\$6,320.00	\$63,200.00	\$8,000.00	\$80,000.00	\$3,000.00	\$30,000.00	\$8,000.00	\$80,000.00	\$9,587.83	\$95,878.30
205	4 Inch ANSI Class 300 Butterfly Valve with Manual Actuator	5	EACH	\$3,500.00	\$17,500.00	\$4,700.00	\$23,500.00	\$2,600.00	\$13,000.00	\$5,000.00	\$25,000.00	\$5,180.44	\$25,902.20
206	4 Inch ANSI Class 150 Butterfly Valve with Manual Actuator	2	EACH	\$3,040.00	\$6,080.00	\$6,000.00	\$12,000.00	\$2,000.00	\$4,000.00	\$7,000.00	\$14,000.00	\$6,651.09	\$13,302.18
207	4 Inch ANSI 300 Ball Valves with Manual Actuators with Handwheels	2	EACH	\$3,500.00	\$7,000.00	\$8,700.00	\$17,400.00	\$5,538.00	\$11,076.00	\$8,000.00	\$16,000.00	\$9,125.40	\$18,250.80
208	3 Inch ANSI 300 Ball Valves with Manual Actuator	2	EACH	\$2,750.00	\$5,500.00	\$6,000.00	\$12,000.00	\$3,367.00	\$6,734.00	\$7,000.00	\$14,000.00	\$6,311.40	\$12,622.80
209	3 Inch ANSI 300 Ball Valves with Manual Actuators and Chain Wheel with Chain	2	EACH	\$3,130.00	\$6,260.00	\$8,700.00	\$17,400.00	\$4,365.00	\$8,730.00	\$7,000.00	\$14,000.00	\$6,646.40	\$13,292.80
210	4 Inch Pressure Reducing Valve	1	EACH	\$5,080.00	\$5,080.00	\$6,700.00	\$6,700.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$1,273.00	\$1,273.00
211	8 Inch Pressure Reducing Valve	1	EACH	\$9,430.00	\$9,430.00	\$12,000.00	\$12,000.00	\$14,000.00	\$14,000.00	\$11,000.00	\$11,000.00	\$13,560.80	\$13,560.80
212	8 Inch Pressure Reducing and Sustaining Valve	1	EACH	\$10,200.00	\$10,200.00	\$14,700.00	\$14,700.00	\$17,000.00	\$17,000.00	\$12,000.00	\$12,000.00	\$15,972.80	\$15,972.80
213	8 Inch Gate Valve with Manual Actuator	2	EACH	\$5,230.00	\$10,460.00	\$1,600.00	\$3,200.00	\$1,143.00	\$2,286.00	\$2,000.00	\$4,000.00	\$2,345.00	\$4,690.00
214	8 Inch Double Check Detector Assembly	1	EACH	\$17,200.00	\$17,200.00	\$10,000.00	\$10,000.00	\$6,796.00	\$6,796.00	\$9,000.00	\$9,000.00	\$10,063.40	\$10,063.40
215	8 inch Double Disc Wafer Check Valve	1	EACH	\$4,050.00	\$4,050.00	\$5,300.00	\$5,300.00	\$9,660.00	\$9,660.00	\$4,500.00	\$4,500.00	\$6,137.20	\$6,137.20
216	4 Inch Ball Check Valve	1	EACH	\$2,240.00	\$2,240.00	\$1,300.00	\$1,300.00	\$5,813.00	\$5,813.00	\$1,500.00	\$1,500.00	\$3,229.40	\$3,229.40
217	Solenoid Valves	27	EACH	\$1,820.00	\$49,140.00	\$720.00	\$19,440.00	\$938.00	\$25,326.00	\$800.00	\$21,600.00	\$792.09	\$21,386.43
218	Miscellaneous Valves	1	JOB	LUMP SUM	\$45,600.00	LUMP SUM	\$20,000.00	LUMP SUM	\$46,125.00	LUMP SUM	\$17,000.00	LUMP SUM	\$22,404.80
219	Valve Spare Parts	1	JOB	LUMP SUM	\$37,500.00	LUMP SUM	\$72,200.00	LUMP SUM	\$25,000.00	LUMP SUM	\$40,000.00	LUMP SUM	\$62,903.62
220	Low Pressure Air Compressor	1	JOB	LUMP SUM	\$62,400.00	LUMP SUM	\$19,000.00	LUMP SUM	\$40,000.00	LUMP SUM	\$25,000.00	LUMP SUM	\$501,562.00
221	Low Pressure Air Compressor Special Tools and Spare Parts	1	JOB	LUMP SUM	\$14,100.00	LUMP SUM	\$3,100.00	LUMP SUM	\$7,267.00	LUMP SUM	\$1,080.00	LUMP SUM	\$13,400.00
222	High Pressure Air Compressor	1	JOB	LUMP SUM	\$194,700.00	LUMP SUM	\$43,300.00	LUMP SUM	\$108,244.00	LUMP SUM	\$35,000.00	LUMP SUM	\$13,400.00
223	High Pressure Air Compressor Special Tools and Spare Parts	1	JOB	LUMP SUM	\$68,000.00	LUMP SUM	\$6,200.00	LUMP SUM	\$9,710.00	LUMP SUM	\$1,000.00	LUMP SUM	\$20,100.00
224	Accessories for Air Compressors	1	JOB	LUMP SUM	\$77,000.00	LUMP SUM	\$18,600.00	LUMP SUM	\$35,169.00	LUMP SUM	\$8,000.00	LUMP SUM	\$13,400.00
225	Service Water Strainer	1	JOB	LUMP SUM	\$61,700.00	LUMP SUM	\$198,000.00	LUMP SUM	\$90,000.00	LUMP SUM	\$90,000.00	LUMP SUM	\$139,762.00
226	Air Chamber	2	EACH	\$600,700.00	\$1,201,400.00	\$900,000.00	\$1,800,000.00	\$1,293,449.00	\$2,586,898.00	\$1,200,000.00	\$2,400,000.00	\$1,140,000.00	\$2,280,000.00
227	Orifice Plate	2	EACH	\$9,890.00	\$19,780.00	\$530.00	\$1,060.00	\$90,000.00	\$180,000.00	\$70,000.00	\$140,000.00	\$6,780.40	\$13,560.80
228	Air Chamber Accessories	1	JOB	LUMP SUM	\$84,100.00	LUMP SUM	\$20,000.00	LUMP SUM	\$80,000.00	LUMP SUM	\$47,000.00	LUMP SUM	\$20,100.00
229	Dewatering Pump System	1	JOB	LUMP SUM	\$30,700.00	LUMP SUM	\$75,000.00	LUMP SUM	\$59,000.00	LUMP SUM	\$20,000.00	LUMP SUM	\$30,284.00

SUMMARY OF BIDS RECEIVED FOR

**STATE OF CALIFORNIA
CALIFORNIA NATURAL RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES**

BID DATE: FEBRUARY 5, 2015
TIME: 2:00:00 PM
PLACE: SACRAMENTO
SPEC. # 14-21
CONTRACT #: C51502

CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION,
CITRUS PUMP STATION – COMPLETION, AND
ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION
CALIFORNIA AQUEDUCT
SAN BERNARDINO AND RIVERSIDE COUNTIES
CALIFORNIA

		No. Addendums: 4		ENGINEER'S ESTIMATE		AMES CONSTRUCTION INC 391 N MAIN ST SUITE 302 CORONA, CA 92880 (951) 356-1275		J.F. SHEA CONSTRUCTION, INC. 667 BREA CANYON RD. SUITE 30 WALNUT, CA 91788 (909) 595-4397		STEVE P. RADOS, INC. 2002 E. McFADDEN AVE., STE 200 SANTA ANA, CA 92705 (714) 835-4612		CANYON SPRINGS ENTERPRISES dba RSH CONSTRUCTION 3883 WENTWORTH DR HEMET, CA 92545 (951) 925-2288	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
230	1 Ton Ductless Split System Heat Pump for Citrus Pump Station Building	1	JOB	LUMP SUM	\$8,310.00	LUMP SUM	\$24,700.00	LUMP SUM	\$6,060.00	LUMP SUM	\$6,000.00	LUMP SUM	\$33,500.00
231	7.5 kW Electric Unit Heaters	6	EACH	\$6,970.00	\$41,820.00	\$9,300.00	\$55,800.00	\$5,050.00	\$30,300.00	\$5,000.00	\$30,000.00	\$6,700.00	\$40,200.00
232	3.3 kW Electric Unit Heaters	4	EACH	\$6,480.00	\$25,920.00	\$4,300.00	\$17,200.00	\$5,050.00	\$20,200.00	\$5,000.00	\$20,000.00	\$4,020.00	\$16,080.00
233	HVAC Ductwork	1	JOB	LUMP SUM	\$37,000.00	LUMP SUM	\$61,800.00	LUMP SUM	\$30,300.00	LUMP SUM	\$30,000.00	LUMP SUM	\$26,800.00
234	Exhaust Fan Ductwork	1	JOB	LUMP SUM	\$4,910.00	LUMP SUM	\$12,400.00	LUMP SUM	\$6,060.00	LUMP SUM	\$6,000.00	LUMP SUM	\$6,700.00
235	Compressor Ductwork	1	JOB	LUMP SUM	\$20,500.00	LUMP SUM	\$24,700.00	LUMP SUM	\$15,150.00	LUMP SUM	\$15,000.00	LUMP SUM	\$3,350.00
236	Exhaust Fans and Propeller Fans	1	JOB	LUMP SUM	\$50,300.00	LUMP SUM	\$2,500.00	LUMP SUM	\$4,040.00	LUMP SUM	\$4,000.00	LUMP SUM	\$13,400.00
237	Vault Exhaust Fan	2	EACH	\$7,350.00	\$14,700.00	\$4,300.00	\$8,600.00	\$5,050.00	\$10,100.00	\$5,000.00	\$10,000.00	\$3,350.00	\$6,700.00
238	Diffusers, Registers, Grills	1	JOB	LUMP SUM	\$12,100.00	LUMP SUM	\$9,300.00	LUMP SUM	\$10,100.00	LUMP SUM	\$10,000.00	LUMP SUM	\$10,720.00
239	Testing, Adjusting, Balancing	1	JOB	LUMP SUM	\$16,900.00	LUMP SUM	\$12,400.00	LUMP SUM	\$15,150.00	LUMP SUM	\$15,000.00	LUMP SUM	\$8,040.00
240	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Electrician)	750	HR	\$128.00	\$96,000.00	\$140.00	\$105,000.00	\$126.00	\$94,500.00	\$117.00	\$87,750.00	\$150.00	\$112,500.00
240a	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Electrician NETA Certified)	250	HR	\$161.00	\$40,250.00	\$990.00	\$247,500.00	\$188.00	\$47,000.00	\$250.00	\$62,500.00	\$224.40	\$56,100.00
240b	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Mechanics)	300	HR	\$133.00	\$39,900.00	\$120.00	\$36,000.00	\$200.00	\$60,000.00	\$105.00	\$31,500.00	\$167.50	\$50,250.00
240c	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Millwrights)	500	HR	\$132.00	\$66,000.00	\$150.00	\$75,000.00	\$123.00	\$61,500.00	\$91.00	\$45,500.00	\$167.50	\$83,750.00
240d	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Pipe Fitters)	120	HR	\$131.00	\$15,720.00	\$130.00	\$15,600.00	\$116.00	\$13,920.00	\$91.00	\$10,920.00	\$167.50	\$20,100.00
240e	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Manufacturer Representatives)	80	HR	\$232.00	\$18,560.00	\$270.00	\$21,600.00	\$555.00	\$44,400.00	\$250.00	\$20,000.00	\$300.00	\$24,000.00
241	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Electrician)	1,125	HR	\$128.00	\$144,000.00	\$150.00	\$168,750.00	\$126.00	\$141,750.00	\$117.00	\$131,625.00	\$150.00	\$168,750.00
241a	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Electrician NETA Certified)	375	HR	\$161.00	\$60,375.00	\$60.00	\$22,500.00	\$188.00	\$70,500.00	\$250.00	\$93,750.00	\$224.40	\$84,150.00
241b	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Mechanics)	450	HR	\$133.00	\$59,850.00	\$120.00	\$54,000.00	\$200.00	\$90,000.00	\$105.00	\$47,250.00	\$167.50	\$75,375.00
241c	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Millwrights)	750	HR	\$131.00	\$98,250.00	\$150.00	\$112,500.00	\$123.00	\$92,250.00	\$91.00	\$68,250.00	\$167.50	\$125,625.00
241d	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Pipe Fitters)	180	HR	\$134.00	\$24,120.00	\$130.00	\$23,400.00	\$116.00	\$20,880.00	\$91.00	\$16,380.00	\$167.50	\$30,150.00
241e	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Manufacturer Representatives)	120	HR	\$240.00	\$28,800.00	\$270.00	\$32,400.00	\$555.00	\$66,600.00	\$250.00	\$30,000.00	\$300.00	\$36,000.00
242	Grounding System	1	JOB	LUMP SUM	\$39,900.00	LUMP SUM	\$138,000.00	LUMP SUM	\$103,835.00	LUMP SUM	\$110,000.00	LUMP SUM	\$123,367.20
242a	Cable Trays	1	JOB	LUMP SUM	\$138,700.00	LUMP SUM	\$140,000.00	LUMP SUM	\$150,945.00	LUMP SUM	\$120,000.00	LUMP SUM	\$179,340.00
243	Wire Basket Cable Support System	1	JOB	LUMP SUM	\$7,020.00	LUMP SUM	\$3,000.00	LUMP SUM	\$6,410.00	LUMP SUM	\$2,500.00	LUMP SUM	\$7,612.80
244	No. 700 Kcmil, 1 Conductor Power Cable	2,000	LF	\$41.50	\$83,000.00	\$24.00	\$48,000.00	\$24.38	\$48,760.00	\$20.00	\$40,000.00	\$28.97	\$57,940.00
245	300 Kcmil, 1 Conductor Power Cable	210	LF	\$24.50	\$5,145.00	\$11.00	\$2,310.00	\$6.90	\$1,449.00	\$9.00	\$1,890.00	\$8.20	\$1,722.00
246	No. 250 Kcmil, 2 Conductor Power Cable	75	LF	\$17.00	\$1,275.00	\$9.50	\$712.50	\$32.00	\$2,400.00	\$8.00	\$600.00	\$36.96	\$2,772.00
247	No. 2/0 AWG, 3 Conductor Power Cable	900	LF	\$21.50	\$19,350.00	\$19.00	\$17,100.00	\$14.96	\$13,464.00	\$15.00	\$13,500.00	\$17.77	\$15,993.00
248	No. 1/0 AWG, 3 Conductor Power Cable	650	LF	\$18.50	\$12,025.00	\$16.00	\$10,400.00	\$15.56	\$10,114.00	\$13.00	\$8,450.00	\$18.49	\$12,018.50
249	No. 1 AWG, 3 Conductor Power Cable	570	LF	\$18.00	\$10,260.00	\$13.00	\$7,410.00	\$13.00	\$7,410.00	\$11.00	\$6,270.00	\$15.01	\$8,555.70
250	No. 6 AWG, 3 Conductor Power Cable	800	LF	\$8.00	\$6,400.00	\$6.00	\$4,800.00	\$6.27	\$5,016.00	\$5.00	\$4,000.00	\$7.45	\$5,960.00
251	No. 8 AWG, 2 Conductor Power Cable	50	LF	\$7.70	\$385.00	\$4.30	\$215.00	\$4.40	\$220.00	\$4.00	\$200.00	\$5.23	\$261.50
252	No. 10 AWG, 10 Conductor Power Cable	600	LF	\$9.40	\$5,640.00	\$10.00	\$6,000.00	\$8.48	\$5,088.00	\$9.00	\$5,400.00	\$10.08	\$6,048.00
253	No. 10 AWG, 4 Conductor Power Cable	16,300	LF	\$4.00	\$65,200.00	\$4.60	\$74,980.00	\$3.75	\$61,125.00	\$4.00	\$65,200.00	\$4.45	\$72,535.00
254	No. 10 AWG, 3 Conductor Power Cable	3,000	LF	\$6.20	\$18,600.00	\$3.80	\$11,400.00	\$3.02	\$9,060.00	\$3.00	\$9,000.00	\$3.59	\$10,770.00
255	No. 10 AWG, 2 Conductor Power Cable	2,700	LF	\$6.00	\$16,200.00	\$3.40	\$9,180.00	\$2.62	\$7,074.00	\$2.25	\$6,075.00	\$3.11	\$8,397.00
256	No. 10 AWG, 1 Conductor Power Cable	150	LF	\$6.00	\$900.00	\$1.40	\$210.00	\$1.50	\$225.00	\$1.25	\$187.50	\$1.46	\$219.00
257	No. 12 AWG, 3 Conductor Power Cable	1,850	LF	\$5.90	\$10,915.00	\$3.00	\$5,550.00	\$3.00	\$5,550.00	\$2.50	\$4,625.00	\$3.46	\$6,401.00
258	No. 12 AWG, 2 Conductor Power Cable	9,900	LF	\$2.90	\$28,710.00	\$2.30	\$22,770.00	\$2.07	\$20,493.00	\$2.00	\$19,800.00	\$2.46	\$24,354.00
259	No. 12 AWG, 1 Conductor Power Cable	3,000	LF	\$2.50	\$7,500.00	\$1.10	\$3,300.00	\$0.97	\$2,910.00	\$1.00	\$3,000.00	\$1.15	\$3,450.00
260	No. 10 AWG, 12 Conductor Control Cable	1,000	LF	\$10.50	\$10,500.00	\$11.00	\$11,000.00	\$13.00	\$13,000.00	\$9.00	\$9,000.00	\$15.44	\$15,440.00
261	No. 10 AWG, 9 Conductor Control Cable	700	LF	\$7.90	\$5,530.00	\$9.00	\$6,300.00	\$7.21	\$5,047.00	\$8.00	\$5,600.00	\$8.57	\$5,999.00

BIDDERS 1 - 4

BID DATE: FEBRUARY 5, 2015 TIME: 2:00:00 PM PLACE: SACRAMENTO SPEC. # 14-21 CONTRACT #: C51502	SUMMARY OF BIDS RECEIVED FOR CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION, CITRUS PUMP STATION – COMPLETION, AND ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION CALIFORNIA AQUEDUCT SAN BERNARDINO AND RIVERSIDE COUNTIES CALIFORNIA	STATE OF CALIFORNIA CALIFORNIA NATURAL RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES
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No. Addendums: 4	ENGINEER'S ESTIMATE	AMES CONSTRUCTION INC 391 N MAIN ST SUITE 302 CORONA, CA 92880 (951) 356-1275	J.F. SHEA CONSTRUCTION, INC. 667 BREA CANYON RD. SUITE 30 WALNUT, CA 91788 (909) 595-4397	STEVE P. RADOS, INC. 2002 E. McFADDEN AVE., STE 200 SANTA ANA, CA 92705 (714) 835-4612	CANYON SPRINGS ENTERPRISES dba RSH CONSTRUCTION 3883 WENTWORTH DR HEMET, CA 92545 (951) 925-2288
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Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total			
262	No. 12 AWG, 12 Conductor Control Cable	850	LF	\$9.20	\$7,820.00	\$8.00	\$6,800.00	\$18.34	\$15,589.00	\$7.00	\$5,950.00	\$21.79	\$18,521.50	x
263	No. 14 AWG, 20 Conductor Control Cable	1,450	LF	\$11.00	\$15,950.00	\$10.00	\$14,500.00	\$10.12	\$14,674.00	\$8.00	\$11,600.00	\$12.02	\$17,429.00	x
264	No. 14 AWG, 19 Conductor Control Cable	3,100	LF	\$11.00	\$34,100.00	\$8.50	\$26,350.00	\$8.81	\$27,311.00	\$7.00	\$21,700.00	\$10.46	\$32,426.00	x
265	No. 14 AWG, 8 Conductor Control Cable	400	LF	\$6.40	\$2,560.00	\$4.80	\$1,920.00	\$4.66	\$1,864.00	\$4.00	\$1,600.00	\$5.53	\$2,212.00	x
266	No. 14 AWG, 3 Conductor Control Cable	300	LF	\$3.10	\$930.00	\$2.30	\$690.00	\$2.34	\$702.00	\$2.00	\$600.00	\$2.78	\$834.00	x
267	No. 14 AWG, 10 Conductor Control Cable	350	LF	\$6.10	\$2,135.00	\$6.00	\$2,100.00	\$6.00	\$2,100.00	\$5.00	\$1,750.00	\$6.78	\$2,373.00	
268	No. 14 AWG, 6 Conductor Control Cable	1,150	LF	\$4.10	\$4,715.00	\$4.00	\$4,600.00	\$4.10	\$4,715.00	\$3.20	\$3,680.00	\$4.79	\$5,508.50	x
269	No. 14 AWG, 2 Conductor Control Cable	1,150	LF	\$2.80	\$3,220.00	\$1.80	\$2,070.00	\$2.10	\$2,415.00	\$1.50	\$1,725.00	\$2.46	\$2,829.00	
270	No. 16 AWG, 16 Conductor Control Cable	2,000	LF	\$5.60	\$11,200.00	\$6.50	\$13,000.00	\$8.80	\$17,600.00	\$5.25	\$10,500.00	\$10.45	\$20,900.00	
271	No. 16 AWG, 20 Conductor Control Cable	2,300	LF	\$6.60	\$15,180.00	\$8.50	\$19,550.00	\$9.21	\$21,183.00	\$7.00	\$16,100.00	\$10.94	\$25,162.00	
272	No. 16 AWG, 1 Pair, Instrumentation Cable, Type I	350	LF	\$3.70	\$1,295.00	\$2.00	\$700.00	\$1.60	\$560.00	\$2.00	\$700.00	\$1.90	\$665.00	x
273	No. 16 AWG, 2 Pair, Instrumentation Cable, Type II	1,400	LF	\$4.00	\$5,600.00	\$2.80	\$3,920.00	\$2.03	\$2,842.00	\$2.50	\$3,500.00	\$2.41	\$3,374.00	x
274	No. 16 AWG, 4 Pair, Instrumentation Cable, Type II	1,300	LF	\$4.60	\$5,980.00	\$3.90	\$5,070.00	\$4.21	\$5,473.00	\$3.50	\$4,550.00	\$5.00	\$6,500.00	x
275	No. 16 AWG, 4 Pair Instrumentation Cable, Type III	7,600	LF	\$5.10	\$38,760.00	\$3.90	\$29,640.00	\$1.90	\$14,440.00	\$3.50	\$26,600.00	\$2.26	\$17,176.00	x
276	No. 16 AWG, Instrumentation Cable, 4-Triads, Type IV	600	LF	\$10.50	\$6,300.00	\$8.50	\$5,100.00	\$32.62	\$19,572.00	\$7.00	\$4,200.00	\$38.76	\$23,256.00	
277	No. 16 AWG, Instrumentation Cable, 8-Triads, Type IV	900	LF	\$10.50	\$9,450.00	\$17.00	\$15,300.00	\$11.29	\$10,161.00	\$14.00	\$12,600.00	\$13.42	\$12,078.00	x
278	Lighting Wire, No. 10 AWG, Solid Copper, XHHW Insulated	4,000	LF	\$2.50	\$10,000.00	\$1.40	\$5,600.00	\$1.56	\$6,240.00	\$1.25	\$5,000.00	\$1.85	\$7,400.00	x
279	Lighting Wire, No. 12 AWG, Solid Copper, XHHW Insulated	11,000	LF	\$2.60	\$28,600.00	\$1.10	\$12,100.00	\$1.40	\$15,400.00	\$1.00	\$11,000.00	\$1.67	\$18,370.00	x
280	Fiber Optic Cable (FOC) Hardware	1	JOB	LUMP SUM	\$18,500.00	LUMP SUM	\$100,000.00	LUMP SUM	\$51,005.00	LUMP SUM	\$75,000.00	LUMP SUM	\$59,686.80	
281	FOC Testing	1	JOB	LUMP SUM	\$18,800.00	LUMP SUM	\$55,500.00	LUMP SUM	\$51,005.00	LUMP SUM	\$45,000.00	LUMP SUM	\$3,342.00	
282	5 kV Power Cable, No. 2/0 AWG,3/C, MV-105 Type	3,850	LF	\$24.50	\$94,325.00	\$52.00	\$200,200.00	\$32.20	\$123,970.00	\$45.00	\$173,250.00	\$38.17	\$146,954.50	x
283	Cable – Category 6a Bulk Cable	6,000	LF	\$13.00	\$78,000.00	\$1.60	\$9,600.00	\$1.56	\$9,360.00	\$1.30	\$7,800.00	\$1.85	\$11,100.00	x
284	Cable – Category 6a Patch Cable (various lengths)	1	JOB	LUMP SUM	\$11,100.00	LUMP SUM	\$1,500.00	LUMP SUM	\$1,164.00	LUMP SUM	\$1,250.00	LUMP SUM	\$1,382.00	
285	Junction Boxes with Cover Plates	181	EACH	\$145.00	\$26,245.00	\$59.00	\$10,679.00	\$159.00	\$28,779.00	\$50.00	\$9,050.00	\$188.84	\$34,180.04	x
286	Pull Box No. 5 with Extension	25	EACH	\$1,180.00	\$29,500.00	\$650.00	\$16,250.00	\$1,111.00	\$27,775.00	\$530.00	\$13,250.00	\$1,320.00	\$33,000.00	
287	Pull Box No. 5 with Extension, Traffic Rated	3	EACH	\$1,180.00	\$3,540.00	\$1,100.00	\$3,300.00	\$1,372.00	\$4,116.00	\$850.00	\$2,550.00	\$1,629.60	\$4,888.80	
288	Duct Bank	1	JOB	LUMP SUM	\$995,900.00	LUMP SUM	\$56,900.00	LUMP SUM	\$423,500.00	LUMP SUM	\$50,000.00	LUMP SUM	\$268,501.20	
289	3/4 Inch Diameter Rigid Metal Conduit (RMC)	200	LF	\$17.00	\$3,400.00	\$13.00	\$2,600.00	\$17.22	\$3,444.00	\$11.00	\$2,200.00	\$20.46	\$4,092.00	
290	1-1/2 Inch Diameter Rigid Metal Conduit (RMC)	130	LF	\$21.50	\$2,795.00	\$23.00	\$2,990.00	\$28.50	\$3,705.00	\$19.00	\$2,470.00	\$33.76	\$4,388.80	x
291	3/4 Inch Diameter Intermediate Metallic Conduit (IMC)	3,350	LF	\$12.00	\$40,200.00	\$16.00	\$53,600.00	\$16.18	\$54,203.00	\$13.00	\$43,550.00	\$19.22	\$64,387.00	x
292	1 Inch Diameter Intermediate Metallic Conduit (IMC)	120	LF	\$20.50	\$2,460.00	\$21.00	\$2,520.00	\$19.50	\$2,340.00	\$17.00	\$2,040.00	\$23.06	\$2,767.20	x
293	1-1/2 Inch Diameter Intermediate Metallic Conduit (IMC)	110	LF	\$21.00	\$2,310.00	\$22.00	\$2,420.00	\$23.00	\$2,530.00	\$18.00	\$1,980.00	\$27.11	\$2,982.10	x
294	2 Inch Diameter Intermediate Metallic Conduit (IMC)	740	LF	\$26.50	\$19,610.00	\$24.00	\$17,760.00	\$45.10	\$33,374.00	\$20.00	\$14,800.00	\$53.58	\$39,649.20	
295	3 Inch Diameter Intermediate Metallic Conduit (IMC)	220	LF	\$54.50	\$11,990.00	\$49.00	\$10,780.00	\$66.00	\$14,520.00	\$40.00	\$8,800.00	\$78.02	\$17,164.40	x
296	3/4 Inch PVC Schedule 80 Conduit	135	LF	\$11.00	\$1,485.00	\$10.00	\$1,350.00	\$6.00	\$810.00	\$9.00	\$1,215.00	\$7.06	\$953.10	x
297	1 Inch PVC Schedule 80 Conduit	20	LF	\$11.00	\$220.00	\$17.00	\$340.00	\$11.10	\$222.00	\$15.00	\$300.00	\$13.19	\$263.80	x
298	1-1/2 Inch PVC Schedule 80 Conduit	225	LF	\$12.00	\$2,700.00	\$14.00	\$3,150.00	\$8.92	\$2,007.00	\$12.00	\$2,700.00	\$10.60	\$2,385.00	x
299	2 Inch PVC Schedule 80 Conduit	1,030	LF	\$14.00	\$14,420.00	\$17.00	\$17,510.00	\$15.50	\$15,965.00	\$14.00	\$14,420.00	\$18.28	\$18,828.40	
300	3 Inch PVC Schedule 80 Conduit	660	LF	\$30.00	\$19,800.00	\$22.00	\$14,520.00	\$20.00	\$13,200.00	\$18.00	\$11,880.00	\$23.48	\$15,496.80	x
301	4 Inch PVC Schedule 80 Conduit	2,020	LF	\$39.00	\$78,780.00	\$15.00	\$30,300.00	\$28.00	\$56,560.00	\$13.00	\$26,260.00	\$32.77	\$66,195.40	x
302	3/4 Inch Liquid-tight Flexible Metal Conduit	100	LF	\$24.50	\$2,450.00	\$24.00	\$2,400.00	\$23.56	\$2,356.00	\$20.00	\$2,000.00	\$28.00	\$2,800.00	x
303	NEMA-3R Steel Electrical Enclosure 20"x30"x17"	2	EACH	\$6,640.00	\$13,280.00	\$1,700.00	\$3,400.00	\$1,153.00	\$2,306.00	\$1,400.00	\$2,800.00	\$1,369.20	\$2,738.40	
304	NEMA-3R Steel Electrical Enclosure 12"x12"x4"	4	EACH	\$1,330.00	\$5,320.00	\$690.00	\$2,760.00	\$316.00	\$1,264.00	\$600.00	\$2,400.00	\$374.40	\$1,497.60	
305	Warning Tape	1,350	LF	\$0.98	\$1,323.00	\$0.45	\$607.50	\$2.10	\$2,835.00	\$0.35	\$472.50	\$2.46	\$3,321.00	
306	Electronic Equipment Enclosures (19 inch Comms Racks at Citrus Pump Station Building)	6	EACH	\$1,990.00	\$11,940.00	\$7,400.00	\$44,400.00	\$816.00	\$4,896.00	\$6,000.00	\$36,000.00	\$6,607.20	\$39,643.20	
307	Wiring Devices	1	JOB	LUMP SUM	\$12,800.00	LUMP SUM	\$20,600.00	LUMP SUM	\$34,050.00	LUMP SUM	\$17,000.00	LUMP SUM	\$40,455.60	
308	Install Department Furnished 1250 HP Motors for Citrus Pump Station	2	EACH	\$43,600.00	\$87,200.00	\$41,700.00	\$83,400.00	\$75,000.00	\$150,000.00	\$8,000.00	\$16,000.00	\$9,447.00	\$18,894.00	
309	Install Department Furnished 2250 HP Motors for Citrus Pump Station	2	EACH	\$49,900.00	\$99,800.00	\$36,200.00	\$72,400.00	\$90,000.00	\$180,000.00	\$8,000.00	\$16,000.00	\$5,728.50	\$11,457.00	
310	Install Department Furnished 2750 HP Motors for Citrus Pump Station	4	EACH	\$61,100.00	\$244,400.00	\$40,200.00	\$160,800.00	\$125,000.00	\$500,000.00	\$8,000.00	\$32,000.00	\$3,752.00	\$15,008.00	
311	Install Department Furnished Excitation and Automatic Voltage Regulators (AVRs) for Citrus Pump Station (CPS)	6	EACH	\$3,790.00	\$22,740.00	\$5,000.00	\$30,000.00	\$12,790.00	\$76,740.00	\$10,000.00	\$60,000.00	\$10,926.00	\$65,556.00	
312	Install Department Furnished Variable Frequency Drives (VFDs) for Citrus Pump Station (CPS)	2	EACH	\$7,210.00	\$14,420.00	\$18,300.00	\$36,600.00	\$20,275.00	\$40,550.00	\$15,000.00	\$30,000.00	\$18,578.40	\$37,156.80	

BIDDERS 1 - 4

BID DATE: FEBRUARY 5, 2015
 TIME: 2:00:00 PM
 PLACE: SACRAMENTO
 SPEC. # 14-21
 CONTRACT #: C51502

SUMMARY OF BIDS RECEIVED FOR
 CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION,
 CITRUS PUMP STATION – COMPLETION, AND
 ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION
 CALIFORNIA AQUEDUCT
 SAN BERNARDINO AND RIVERSIDE COUNTIES
 CALIFORNIA

STATE OF CALIFORNIA
CALIFORNIA NATURAL RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

				ENGINEER'S ESTIMATE		AMES CONSTRUCTION INC 391 N MAIN ST SUITE 302 CORONA, CA 92880 (951) 356-1275		J.F. SHEA CONSTRUCTION, INC. 667 BREA CANYON RD. SUITE 30 WALNUT, CA 91788 (909) 595-4397		STEVE P. RADOS, INC. 2002 E. McFADDEN AVE., STE 200 SANTA ANA, CA 92705 (714) 835-4612		CANYON SPRINGS ENTERPRISES dba RSH CONSTRUCTION 3883 WENTWORTH DR HEMET, CA 92545 (951) 925-2288	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
No. Addendums: 4													
313	Install Department Furnished Condition Monitoring Systems (CMSs) for Citrus Pump Station (CPS)	8	EACH	\$6,310.00	\$50,480.00	\$2,600.00	\$20,800.00	\$6,756.00	\$54,048.00	\$2,200.00	\$17,600.00	\$5,647.20	\$45,177.60
314	Diesel Engine Generator Set	1	JOB	LUMP SUM	\$280,500.00	LUMP SUM	\$230,000.00	LUMP SUM	\$190,075.00	LUMP SUM	\$190,000.00	LUMP SUM	\$199,552.80
315	125 Volt DC Battery System for Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$80,700.00	LUMP SUM	\$102,010.00	LUMP SUM	\$65,000.00	LUMP SUM	\$175,924.80
316	Minus 48 Volt dc (Vdc) Power System at Citrus Pump Station Office Building	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$18,300.00	LUMP SUM	\$25,502.00	LUMP SUM	\$15,000.00	LUMP SUM	\$10,879.20
317	Reduced Size Minus 48 Volt dc (Vdc) Power System at Citrus Pump Station Building	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$12,900.00	LUMP SUM	\$25,502.00	LUMP SUM	\$11,000.00	LUMP SUM	\$10,879.20
318	Dry Type Transformer 5kVA, 480-240/120V	2	EACH	\$4,030.00	\$8,060.00	\$2,700.00	\$5,400.00	\$76,507.00	\$153,014.00	\$2,200.00	\$4,400.00	\$4,357.20	\$8,714.40
319	Dry Type Transformer 75kVA, 480-240/120V	1	EACH	\$18,300.00	\$18,300.00	\$6,200.00	\$6,200.00	\$204,020.00	\$204,020.00	\$5,000.00	\$5,000.00	\$6,933.60	\$6,933.60
320	Install Department Furnished 115 kV-4.16 kV Power Transformer for Citrus Pump Station (CPS)	2	EACH	\$57,600.00	\$115,200.00	\$45,000.00	\$90,000.00	\$51,005.00	\$102,010.00	\$36,000.00	\$72,000.00	\$227,196.00	\$454,392.00
321	Install Department Furnished High Voltage Equipment for Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$114,000.00	LUMP SUM	\$93,000.00	LUMP SUM	\$40,804.00	LUMP SUM	\$75,000.00	LUMP SUM	\$260,806.88
322	115 kV Switchyard Materials for Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$228,000.00	LUMP SUM	\$125,000.00	LUMP SUM	\$102,010.00	LUMP SUM	\$150,000.00	LUMP SUM	\$1,967,351.82
323	336.4 Kcmil (Linnet) ACSR for Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$20,400.00	LUMP SUM	\$29,500.00	LUMP SUM	\$51,005.00	LUMP SUM	\$25,000.00	LUMP SUM	\$90,218.18
324	Install Department Furnished 5 kV Switchgear for Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$122,000.00	LUMP SUM	\$34,800.00	LUMP SUM	\$10,201.00	LUMP SUM	\$30,000.00	LUMP SUM	\$72,812.40
325	Nonsegregated 3 Phase Bus for Citrus Pump Station (CPS)	440	LF	\$307.00	\$135,080.00	\$2,800.00	\$1,232,000.00	\$76.50	\$33,660.00	\$2,275.00	\$1,001,000.00	\$2,632.80	\$1,158,432.00
326	Station Service Unit Substation for Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$178,700.00	LUMP SUM	\$672,900.00	LUMP SUM	\$51,005.00	LUMP SUM	\$540,000.00	LUMP SUM	\$1,010,850.00
327	Station Service Unit Substation Tools, Accessories, and Spare Parts for Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$58,200.00	LUMP SUM	\$15,400.00	LUMP SUM	\$10,201.00	LUMP SUM	\$13,000.00	LUMP SUM	\$15,009.60
328	Fused Heavy Duty Disconnect Switches 400A	1	EACH	\$4,840.00	\$4,840.00	\$5,300.00	\$5,300.00	\$10,201.00	\$10,201.00	\$4,300.00	\$4,300.00	\$3,226.80	\$3,226.80
329	Safety Disconnect Switches 200A	1	EACH	\$3,120.00	\$3,120.00	\$1,600.00	\$1,600.00	\$510.00	\$510.00	\$1,400.00	\$1,400.00	\$1,432.80	\$1,432.80
330	Safety Disconnect Switches 100A	3	EACH	\$1,480.00	\$4,440.00	\$1,500.00	\$4,500.00	\$459.00	\$1,377.00	\$1,200.00	\$3,600.00	\$1,113.60	\$3,340.80
331	Safety Disconnect Switches 60A	10	EACH	\$1,420.00	\$14,200.00	\$1,300.00	\$13,000.00	\$408.00	\$4,080.00	\$1,100.00	\$11,000.00	\$922.80	\$9,228.00
332	Safety Disconnect Switches 30A	8	EACH	\$1,030.00	\$8,240.00	\$1,000.00	\$8,000.00	\$357.00	\$2,856.00	\$850.00	\$6,800.00	\$294.00	\$2,352.00
333	Motor Control Center at Citrus Pump Station (CPS)	1	EACH	\$31,200.00	\$31,200.00	\$45,500.00	\$45,500.00	\$127,512.00	\$127,512.00	\$37,000.00	\$37,000.00	\$67,176.00	\$67,176.00
334	Panelboard 1 Phase, 125 Vdc	5	EACH	\$2,810.00	\$14,050.00	\$5,700.00	\$28,500.00	\$612.00	\$3,060.00	\$4,600.00	\$23,000.00	\$5,139.60	\$25,698.00
335	Panelboard 3 Phase, 208/120 Vac	9	EACH	\$4,090.00	\$36,810.00	\$2,600.00	\$23,400.00	\$1,020.00	\$9,180.00	\$2,100.00	\$18,900.00	\$1,970.40	\$17,733.60
336	Panelboard 3 Phase, 480/277 Vac	4	EACH	\$4,640.00	\$18,560.00	\$5,500.00	\$22,000.00	\$1,530.00	\$6,120.00	\$5,000.00	\$20,000.00	\$4,896.00	\$19,584.00
337	Indoor and Outdoor Lighting	1	JOB	LUMP SUM	\$93,700.00	LUMP SUM	\$180,000.00	LUMP SUM	\$40,804.00	LUMP SUM	\$150,000.00	LUMP SUM	\$338,228.40
338	Training Program for the Citrus Pump Station	10	DAY	\$1,910.00	\$19,100.00	\$2,700.00	\$27,000.00	\$1,530.00	\$15,300.00	\$2,200.00	\$22,000.00	\$3,450.00	\$34,500.00
339	Ethernet Patch Panels	2	EACH	\$476.00	\$952.00	\$6,900.00	\$13,800.00	\$714.00	\$1,428.00	\$5,600.00	\$11,200.00	\$5,674.80	\$11,349.60
340	RJ45 Data Jacks	1	JOB	LUMP SUM	\$6,210.00	LUMP SUM	\$3,600.00	LUMP SUM	\$5,100.00	LUMP SUM	\$3,000.00	LUMP SUM	\$155.44
	SUBTOTAL				\$14,756,000.00		\$16,048,214.00		\$16,809,298.00		\$18,045,945.00		\$17,765,540.73 x
CHERRY VALLEY PUMP STATION ADDITIONAL UNIT													
341	Temporary Traffic Control	1	JOB	LUMP SUM	\$39,974.00	LUMP SUM	\$3,000.00	LUMP SUM	\$8,000.00	LUMP SUM	\$10,000.00	LUMP SUM	\$3,752.00
342	Sleeve Type Couplings 30 Inch	1	EACH	\$4,090.00	\$4,090.00	\$1,300.00	\$1,300.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$2,010.00	\$2,010.00
343	Sleeve Type Couplings 16 Inch	1	EACH	\$1,880.00	\$1,880.00	\$670.00	\$670.00	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00	\$904.50	\$904.50
344	Pump Barrel Concrete	15	CY	\$1,970.00	\$29,550.00	\$980.00	\$14,700.00	\$1,900.00	\$28,500.00	\$600.00	\$9,000.00	\$308.20	\$4,623.00
345	Concrete	1	CY	\$4,090.00	\$4,090.00	\$2,500.00	\$2,500.00	\$737.00	\$737.00	\$3,000.00	\$3,000.00	\$857.60	\$857.60
346	Combination Air Valve Assembly (4 Inch)	1	EACH	\$9,110.00	\$9,110.00	\$4,000.00	\$4,000.00	\$5,370.00	\$5,370.00	\$4,000.00	\$4,000.00	\$5,306.40	\$5,306.40
346a	Combination Air Valve Assembly (6 Inch)	1	EACH	\$9,110.00	\$9,110.00	\$5,300.00	\$5,300.00	\$6,360.00	\$6,360.00	\$4,000.00	\$4,000.00	\$8,763.60	\$8,763.60
347	Combination Air Valve Spare Parts	1	JOB	LUMP SUM	\$5,120.00	LUMP SUM	\$3,300.00	LUMP SUM	\$500.00	LUMP SUM	\$500.00	LUMP SUM	\$3,832.40
348	Removal of Existing Equipment at Cherry Valley Pump Station (CVPS)	1	JOB	LUMP SUM	\$54,600.00	LUMP SUM	\$45,500.00	LUMP SUM	\$45,000.00	LUMP SUM	\$35,000.00	LUMP SUM	\$23,665.20
349	Instrumentation	1	JOB	LUMP SUM	\$94,400.00	LUMP SUM	\$7,700.00	LUMP SUM	\$51,005.00	LUMP SUM	\$8,000.00	LUMP SUM	\$7,562.40
350	Panel Work at Cherry Valley Pump Station (CVPS)	1	JOB	LUMP SUM	\$70,100.00	LUMP SUM	\$79,300.00	LUMP SUM	\$5,100.00	LUMP SUM	\$65,000.00	LUMP SUM	\$513,617.98
351	Spare Parts and Tools	1	JOB	LUMP SUM	\$17,500.00	LUMP SUM	\$12,500.00	LUMP SUM	\$2,550.00	LUMP SUM	\$10,000.00	LUMP SUM	\$30,822.68
352	Cherry Valley Pump Station Programmable Logic Controllers (PLCs)	3	EACH	\$21,900.00	\$65,700.00	\$120,000.00	\$360,000.00	\$8,160.00	\$24,480.00	\$100,000.00	\$300,000.00	\$90,610.80	\$271,832.40
353	Spare PLC Tools and Parts	1	JOB	LUMP SUM	\$12,400.00	LUMP SUM	\$36,600.00	LUMP SUM	\$1,224.00	LUMP SUM	\$30,000.00	LUMP SUM	\$38,295.86
354	Security System – Cherry Valley Pump Station	1	JOB	LUMP SUM	\$43,700.00	LUMP SUM	\$230,000.00	LUMP SUM	\$101,763.00	LUMP SUM	\$190,000.00	LUMP SUM	\$120,907.20
355	Security System – Garden Air Creek Valve Facility	1	JOB	LUMP SUM	\$22,000.00	LUMP SUM	\$175,000.00	LUMP SUM	\$56,080.00	LUMP SUM	\$100,000.00	LUMP SUM	\$66,628.80
356	Install Department Furnished 9,000 GPM Pump	1	EACH	\$126,000.00	\$126,000.00	\$165,000.00	\$165,000.00	\$65,000.00	\$65,000.00	\$35,000.00	\$35,000.00	\$12,328.00	\$12,328.00
357	Install Department Furnished Valve Assemblies	1	JOB	LUMP SUM	\$5,360.00	LUMP SUM	\$15,200.00	LUMP SUM	\$13,830.00	LUMP SUM	\$40,000.00	LUMP SUM	\$32,227.00

BIDDERS 1 - 4

BID DATE: FEBRUARY 5, 2015 TIME: 2:00:00 PM PLACE: SACRAMENTO SPEC. # 14-21 CONTRACT #: C51502	SUMMARY OF BIDS RECEIVED FOR CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION, CITRUS PUMP STATION – COMPLETION, AND ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION CALIFORNIA AQUEDUCT SAN BERNARDINO AND RIVERSIDE COUNTIES CALIFORNIA	STATE OF CALIFORNIA CALIFORNIA NATURAL RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES
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		No. Addendums: 4		ENGINEER'S ESTIMATE		AMES CONSTRUCTION INC 391 N MAIN ST SUITE 302 CORONA, CA 92880 (951) 356-1275		J.F. SHEA CONSTRUCTION, INC. 667 BREA CANYON RD. SUITE 30 WALNUT, CA 91788 (909) 595-4397		STEVE P. RADOS, INC. 2002 E. McFADDEN AVE., STE 200 SANTA ANA, CA 92705 (714) 835-4612		CANYON SPRINGS ENTERPRISES dba RSH CONSTRUCTION 3883 WENTWORTH DR HEMET, CA 92545 (951) 925-2288	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
358	Piping, Tubing, Fittings, and Appurtenances	1	JOB	LUMP SUM	\$19,500.00	LUMP SUM	\$32,800.00	LUMP SUM	\$82,560.00	LUMP SUM	\$150,000.00	LUMP SUM	\$64,722.00
359	6 Inch ANSI Class 150 Butterfly Valve with Manual Actuator	1	EACH	\$8,890.00	\$8,890.00	\$6,700.00	\$6,700.00	\$3,333.00	\$3,333.00	\$6,000.00	\$6,000.00	\$7,182.40	\$7,182.40
360	4 Inch ANSI Class 150 Butterfly Valve with Manual Actuator	1	EACH	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00	\$2,140.00	\$2,140.00	\$4,000.00	\$4,000.00	\$5,574.40	\$5,574.40
361	Miscellaneous Valves	1	JOB	LUMP SUM	\$49,600.00	LUMP SUM	\$2,000.00	LUMP SUM	\$1,962.00	LUMP SUM	\$1,500.00	LUMP SUM	\$2,653.20
362	Valve Spare Parts	1	JOB	LUMP SUM	\$38,900.00	LUMP SUM	\$2,000.00	LUMP SUM	\$838.00	LUMP SUM	\$1,750.00	LUMP SUM	\$2,318.20
363	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Electrician)	94	HR	\$131.00	\$12,314.00	\$140.00	\$13,160.00	\$126.00	\$11,844.00	\$117.00	\$10,998.00	\$150.00	\$14,100.00
363a	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Electrician NETA Certified)	31	HR	\$161.00	\$4,991.00	\$23.00	\$713.00	\$188.00	\$5,828.00	\$250.00	\$7,750.00	\$224.40	\$6,956.40
363b	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Mechanics)	38	HR	\$138.00	\$5,244.00	\$120.00	\$4,560.00	\$200.00	\$7,600.00	\$105.00	\$3,990.00	\$162.50	\$6,175.00
363c	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Millwrights)	63	HR	\$133.00	\$8,379.00	\$150.00	\$9,450.00	\$123.00	\$7,749.00	\$91.00	\$5,733.00	\$162.50	\$10,237.50
363d	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Pipe Fitters)	15	HR	\$140.00	\$2,100.00	\$130.00	\$1,950.00	\$116.00	\$1,740.00	\$91.00	\$1,365.00	\$162.50	\$2,437.50
363e	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Manufacturer Representatives)	10	HR	\$558.00	\$5,580.00	\$370.00	\$3,700.00	\$555.00	\$5,550.00	\$250.00	\$2,500.00	\$300.00	\$3,000.00
364	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Electrician)	280	HR	\$131.00	\$36,680.00	\$140.00	\$39,200.00	\$126.00	\$35,280.00	\$117.00	\$32,760.00	\$150.00	\$42,000.00
364a	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Electrician NETA Certified)	94	HR	\$161.00	\$15,134.00	\$7.50	\$705.00	\$188.00	\$17,672.00	\$250.00	\$23,500.00	\$224.40	\$21,093.60
364b	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Mechanics)	113	HR	\$138.00	\$15,594.00	\$120.00	\$13,560.00	\$200.00	\$22,600.00	\$105.00	\$11,865.00	\$167.50	\$18,927.50
364c	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Millwrights)	188	HR	\$133.00	\$25,004.00	\$150.00	\$28,200.00	\$123.00	\$23,124.00	\$91.00	\$17,108.00	\$167.50	\$31,490.00
364d	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Pipe Fitters)	45	HR	\$140.00	\$6,300.00	\$130.00	\$5,850.00	\$116.00	\$5,220.00	\$91.00	\$4,095.00	\$167.50	\$7,537.50
364e	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Manufacturer Representatives)	30	HR	\$295.00	\$8,850.00	\$350.00	\$10,500.00	\$555.00	\$16,650.00	X	\$7,500.00	\$300.00	\$9,000.00
365	Cable – No. 16 AWG, 1 Pair, Instrumentation Cable, Type I	280	LF	\$4.70	\$1,316.00	\$2.00	\$560.00	\$2.00	\$560.00	\$1.60	\$448.00	\$2.09	\$585.20
366	Cable – No. 14 AWG, 1 Pair, Control Cable	325	LF	\$4.20	\$1,365.00	\$1.80	\$585.00	\$2.00	\$650.00	\$1.50	\$487.50	\$2.10	\$682.50
367	Cable – No. 14 AWG, 5 Conductor, Control Cable	335	LF	\$5.90	\$1,976.50	\$3.40	\$1,139.00	\$4.20	\$1,407.00	\$3.00	\$1,005.00	\$4.84	\$1,621.40
368	Insulated Wire for 480V VFD Circuit – No. 350 MCM, Solid Copper XHHW-VW1	280	LF	\$14.50	\$4,060.00	\$12.00	\$3,360.00	\$61.75	\$17,290.00	\$10.00	\$2,800.00	\$73.37	\$20,543.60
369	VFD Cable – No. 500 MCM Shielded	280	LF	\$27.50	\$7,700.00	\$100.00	\$28,000.00	\$88.50	\$24,780.00	\$82.00	\$22,960.00	\$105.01	\$29,402.80
370	Insulated Wire for 120V Circuits – No. 12 AWG, Solid Copper, XHHW-VW1 Insulated	260	LF	\$5.40	\$1,404.00	\$1.10	\$286.00	\$1.55	\$403.00	\$1.00	\$260.00	\$1.84	\$478.40
371	Insulated Wire for 120V Circuits – No. 10 AWG, Solid Copper, XHHW-VW1 Insulated	150	LF	\$5.40	\$810.00	\$1.40	\$210.00	\$2.00	\$300.00	\$1.20	\$180.00	\$1.98	\$297.00
372	No. 16 AWG, Instrumentation Cable, 1 Triad, Type IV	685	LF	\$7.10	\$4,863.50	\$2.20	\$1,507.00	\$2.20	\$1,507.00	\$1.75	\$1,198.75	\$2.63	\$1,801.55
373	No. 16 AWG, Instrumentation Cable, 2 Triad, Type IV	150	LF	\$9.70	\$1,455.00	\$4.30	\$645.00	\$3.00	\$450.00	\$3.50	\$525.00	\$3.55	\$532.50
374	Fiber Optic Cable (FOC) Hardware	1	JOB	LUMP SUM	\$14,600.00	LUMP SUM	\$5,400.00	LUMP SUM	\$5,100.00	LUMP SUM	\$4,400.00	LUMP SUM	\$22,285.54
375	ST Panel Replacement	1	JOB	LUMP SUM	\$21,400.00	LUMP SUM	\$4,000.00	LUMP SUM	\$1,020.00	LUMP SUM	\$3,200.00	LUMP SUM	\$4,317.48
376	FOC Testing	1	JOB	LUMP SUM	\$15,000.00	LUMP SUM	\$2,600.00	LUMP SUM	\$5,100.00	LUMP SUM	\$2,200.00	LUMP SUM	\$2,491.06
377	Cable – Category 6a Bulk Cable	230	LF	\$13.00	\$2,990.00	\$1.60	\$368.00	\$1.80	\$414.00	\$1.30	\$299.00	\$2.10	\$483.00
378	Cables – Category 6a Patch Cables (various lengths)	1	JOB	LUMP SUM	\$11,100.00	LUMP SUM	\$450.00	LUMP SUM	\$1,164.00	LUMP SUM	\$370.00	LUMP SUM	\$1,382.40
379	Cable – No. 14 AWG, Single Conductor RG11 Coaxial Cable	175	LF	\$3.00	\$525.00	\$1.90	\$332.50	\$4.48	\$784.00	\$1.60	\$280.00	\$5.33	\$932.75
380	Cable – No. 18 AWG, Single Conductor RG6 Coaxial Cable	70	LF	\$3.70	\$259.00	\$1.80	\$126.00	\$2.80	\$196.00	\$1.50	\$105.00	\$3.13	\$219.10
381	4 Inch Diameter Intermediate Metallic Conduit (IMC)	130	LF	\$78.00	\$10,140.00	\$78.00	\$10,140.00	\$75.50	\$9,815.00	\$63.00	\$8,190.00	\$89.44	\$11,627.20
382	Pull Box 42"x42"x12" (minimum)	2	EACH	\$3,680.00	\$7,360.00	\$3,200.00	\$6,400.00	\$3,550.00	\$7,100.00	\$2,600.00	\$5,200.00	\$4,216.80	\$8,433.60
383	Electronic Equipment Enclosures – PLC Cubicle CSA	1	EACH	\$21,000.00	\$21,000.00	\$30,500.00	\$30,500.00	\$5,100.00	\$5,100.00	\$25,000.00	\$25,000.00	\$20,935.00	\$20,935.00
384	Install Department Furnished Motors for Cherry Valley Pump Station (CVPS)	1	EACH	\$26,200.00	\$26,200.00	\$24,800.00	\$24,800.00	\$60,000.00	\$60,000.00	\$15,000.00	\$15,000.00	\$6,375.00	\$6,375.00
385	Install Department Furnished Variable Frequency Drives (VFDs) for Cherry Valley Pump Station (CVPS)	1	EACH	\$7,210.00	\$7,210.00	\$6,500.00	\$6,500.00	\$8,022.00	\$8,022.00	\$5,300.00	\$5,300.00	\$3,748.80	\$3,748.80

SUMMARY OF BIDS RECEIVED FOR

**STATE OF CALIFORNIA
CALIFORNIA NATURAL RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES**

BID DATE: FEBRUARY 5, 2015
TIME: 2:00:00 PM
PLACE: SACRAMENTO
SPEC. # 14-21
CONTRACT #: C51502

CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION,
CITRUS PUMP STATION – COMPLETION, AND
ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION
CALIFORNIA AQUEDUCT
SAN BERNARDINO AND RIVERSIDE COUNTIES
CALIFORNIA

				ENGINEER'S ESTIMATE		AMES CONSTRUCTION INC 391 N MAIN ST SUITE 302 CORONA, CA 92880 (951) 356-1275		J.F. SHEA CONSTRUCTION, INC. 667 BREA CANYON RD. SUITE 30 WALNUT, CA 91788 (909) 595-4397		STEVE P. RADOS, INC. 2002 E. McFADDEN AVE., STE 200 SANTA ANA, CA 92705 (714) 835-4612		CANYON SPRINGS ENTERPRISES dba RSH CONSTRUCTION 3883 WENTWORTH DR HEMET, CA 92545 (951) 925-2288	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
		No. Addendums: 4											
386	Replace Minus 48 Volt dc (Vdc) Power System at Cherry Valley Pump Station (CVPS)	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$26,900.00	LUMP SUM	\$51,005.00	LUMP SUM	\$22,000.00	LUMP SUM	\$12,884.40
387	Reduced Size Minus 48 Volt dc (Vdc) Power System at Garden Air Creek Valve Facility	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$11,700.00	LUMP SUM	\$25,502.00	LUMP SUM	\$10,000.00	LUMP SUM	\$12,884.40
388	Safety Disconnect Switches 200A	1	EACH	\$3,120.00	\$3,120.00	\$1,600.00	\$1,600.00	\$1,530.00	\$1,530.00	\$1,400.00	\$1,400.00	\$1,432.80	\$1,432.80
389	Safety Disconnect Switches 60A	1	EACH	\$1,420.00	\$1,420.00	\$1,300.00	\$1,300.00	\$1,224.00	\$1,224.00	\$1,400.00	\$1,400.00	\$759.60	\$759.60
390	Motor Control Center (MCC) Unit 4 Breaker Assembly for Cherry Valley Pump Station (CVPS)	1	JOB	LUMP SUM	\$31,200.00	LUMP SUM	\$7,800.00	LUMP SUM	\$35,703.00	LUMP SUM	\$6,300.00	LUMP SUM	\$8,349.60
391	Spare Parts for MCC Unit 4 Breaker Assembly	1	JOB	LUMP SUM	\$2,880.00	LUMP SUM	\$5,300.00	LUMP SUM	\$816.00	LUMP SUM	\$4,300.00	LUMP SUM	\$4,504.80
392	Training Program For Programmable Logic Controllers (PLCs)	10	DAY	\$1,910.00	\$19,100.00	\$2,900.00	\$29,000.00	\$191.00	\$1,910.00	\$2,400.00	\$24,000.00	\$12,420.00	\$124,200.00
393	Modbus TCP Gateway	1	EACH	\$4,770.00	\$4,770.00	\$19,100.00	\$19,100.00	\$2,550.00	\$2,550.00	\$16,000.00	\$16,000.00	\$4,418.40	\$4,418.40
394	Spare Modbus TCP Gateway	1	EACH	\$3,370.00	\$3,370.00	\$13,800.00	\$13,800.00	\$2,550.00	\$2,550.00	\$12,000.00	\$12,000.00	\$4,418.40	\$4,418.40
395	Ethernet Patch Panels	2	EACH	\$476.00	\$952.00	\$6,900.00	\$13,800.00	\$1,020.00	\$2,040.00	\$6,000.00	\$12,000.00	\$5,674.80	\$11,349.60
396	RJ45 Data Jacks	1	JOB	LUMP SUM	\$6,210.00	LUMP SUM	\$890.00	LUMP SUM	\$5,100.00	LUMP SUM	\$750.00	LUMP SUM	\$215.80
	SUBTOTAL				\$1,159,000.00		\$1,599,716.50		\$954,281.00 X		\$1,354,472.25		\$1,727,935.90 X
	Total				\$21,900,000.00		\$23,871,323.50		\$25,003,724.00 X		\$25,131,303.75		\$25,212,023.33
Guarantee						TEN PERCENT (10%) OF TOTAL AMOUNT BID		TEN PERCENT (10%) OF TOTAL AMOUNT BID		TEN PERCENT (10%) OF TOTAL AMOUNT BID		TEN PERCENT (10%) OF TOTAL AMOUNT BID	
Surety						TRAVELERS CASULATY AND SURETY COMPANY OF AMERICA		TRAVELERS CASULATY AND SURETY COMPANY OF AMERICA		TRAVELERS CASULATY AND SURETY COMPANY OF AMERICA		FIDELITY AND DEPOSIT COMPANY OF MARYLAND	
Comme X Denotes corrected figure						CONTRACT AWARDED ON FEBRUARY 20, 2015							

\$21,900,000.00	\$23,871,323.50	\$25,003,724.00	\$25,131,303.75	\$25,212,023.33
10%	9.00%	14.17%	14.75%	15.12%
\$24,090,000.00				

BID DATE: FEBRUARY 5, 2015
 TIME: 2:00:00
 PLACE: SACRAMENTO
 SPEC.#14-21
 CONTRACT #C51502

SUMMARY OF BIDS RECEIVED FOR

CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION,
 CITRUS PUMP STATION – COMPLETION, AND
 ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION
 CALIFORNIA AQUEDUCT
 SAN BERNARDINO AND RIVERSIDE COUNTIES
 CALIFORNIA

**STATE OF CALIFORNIA
 CALIFORNIA NATURAL RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES**

No. Addendums:				ENGINEER'S ESTIMATE		L.H. WOODS & SONS, INC. 2115 LA MIRADA DRIVE VISTA, CA 92081 (760) 599-5500		USS CAL BUILDERS INC 8051 MAIN ST STANTON, CA 90680 (714) 828-4882		PULICE CONSTRUCTION INC 591 CAMINO DE LA REINA STE 1250 SAN DIEGO, CA 92108 (619) 814-3702	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION											
1	Temporary Traffic Control	1	JOB	LUMP SUM	\$40,203.00	LUMP SUM	\$8,548.00	LUMP SUM	\$20,000.00	LUMP SUM	\$1,500.00
2	Remove Stockpile Including Rock Piles	2,520	CY	\$22.00	\$55,440.00	\$30.00	\$75,600.00	\$15.00	\$37,800.00	\$21.10	\$53,172.00
3	Excavation	680	CY	\$18.00	\$12,240.00	\$33.00	\$22,440.00	\$12.00	\$8,160.00	\$15.00	\$10,200.00
4	Compacted Backfill	650	CY	\$33.50	\$21,775.00	\$28.00	\$18,200.00	\$30.00	\$19,500.00	\$10.00	\$6,500.00
5	Slurry Backfill	60	CY	\$238.00	\$14,280.00	\$160.00	\$9,600.00	\$160.00	\$9,600.00	\$102.00	\$6,120.00
6	Sleeve Type Couplings 36 Inch	3	EACH	\$4,720.00	\$14,160.00	\$3,500.00	\$10,500.00	\$15,000.00	\$45,000.00	\$2,300.00	\$6,900.00
7	Sleeve Type Couplings 24 Inch	1	EACH	\$2,930.00	\$2,930.00	\$3,000.00	\$3,000.00	\$11,000.00	\$11,000.00	\$1,500.00	\$1,500.00
8	Sleeve Type Couplings 20 Inch	3	EACH	\$2,440.00	\$7,320.00	\$2,500.00	\$7,500.00	\$10,000.00	\$30,000.00	\$1,750.00	\$5,250.00
9	Sleeve Type Couplings 8 Inch	1	EACH	\$1,680.00	\$1,680.00	\$1,300.00	\$1,300.00	\$4,000.00	\$4,000.00	\$800.00	\$800.00
10	Irrigation System	1	JOB	LUMP SUM	\$21,700.00	LUMP SUM	\$18,000.00	LUMP SUM	\$10,000.00	LUMP SUM	\$11,250.00
11	8 Foot Chain Link Fence	10	LF	\$138.00	\$1,380.00	\$230.00	\$2,300.00	\$300.00	\$3,000.00	\$211.00	\$2,110.00
12	Chain Link Sliding Gate	1	EACH	\$6,430.00	\$6,430.00	\$5,500.00	\$5,500.00	\$7,500.00	\$7,500.00	\$5,100.00	\$5,100.00
13	Landscape Installation	1	JOB	LUMP SUM	\$31,900.00	LUMP SUM	\$33,000.00	LUMP SUM	\$20,000.00	LUMP SUM	\$20,400.00
14	Landscape Maintenance	1	JOB	LUMP SUM	\$18,600.00	LUMP SUM	\$5,000.00	LUMP SUM	\$3,000.00	LUMP SUM	\$2,950.00
15	Concrete	3	CY	\$982.00	\$2,946.00	\$5,500.00	\$16,500.00	\$3,000.00	\$9,000.00	\$695.00	\$2,085.00
16	Pump Barrel Concrete	90	CY	\$1,350.00	\$121,500.00	\$221.00	\$19,890.00	\$850.00	\$76,500.00	\$186.00	\$16,740.00
17	Reinforcing Steel	300	LB	\$6.40	\$1,920.00	\$2.00	\$600.00	\$5.00	\$1,500.00	\$1.50	\$450.00
18	Miscellaneous Metals	1	JOB	LUMP SUM	\$70,100.00	LUMP SUM	\$40,000.00	LUMP SUM	\$40,000.00	LUMP SUM	\$58,500.00
18a	Modified Polyurethane/ Epoxy Coating System at Crafton Hills Pump Station Addition	1,580	SF	\$7.90	\$12,482.00	\$7.60	\$12,008.00	\$11.00	\$17,380.00	\$12.10	\$19,118.00
18b	Buttstrap Connection	2	EACH	\$11,300.00	\$22,600.00	\$8,300.00	\$16,600.00	\$12,000.00	\$24,000.00	\$10,000.00	\$20,000.00
19	Combination Air Valve Assembly (6 Inch)	6	EACH	\$9,110.00	\$54,660.00	\$9,400.00	\$56,400.00	\$28,000.00	\$168,000.00	\$9,050.00	\$54,300.00
20	Combination Air Valve Spare Parts	1	JOB	LUMP SUM	\$16,500.00	LUMP SUM	\$9,400.00	LUMP SUM	\$21,000.00	LUMP SUM	\$11,700.00
21	Removal of Existing Equipment at Crafton Hills Pump Station (CHPS)	1	JOB	LUMP SUM	\$131,700.00	LUMP SUM	\$90,000.00	LUMP SUM	\$125,000.00	LUMP SUM	\$124,800.00
22	Instrumentation	1	JOB	LUMP SUM	\$97,100.00	LUMP SUM	\$60,000.00	LUMP SUM	\$68,000.00	LUMP SUM	\$59,750.00
23	Flood Alarm Sensors	1	JOB	LUMP SUM	\$14,800.00	LUMP SUM	\$35,000.00	LUMP SUM	\$42,000.00	LUMP SUM	\$35,550.00
24	Panel Work at Crafton Hills Pump Station (CHPS)	1	JOB	LUMP SUM	\$70,100.00	LUMP SUM	\$650,000.00	LUMP SUM	\$500,000.00	LUMP SUM	\$666,700.00
25	Spare Parts and Tools	1	JOB	LUMP SUM	\$17,500.00	LUMP SUM	\$74,000.00	LUMP SUM	\$50,000.00	LUMP SUM	\$72,550.00
26	Crafton Hills Pump Station Programmable Logic Controllers (PLCs)	2	EACH	\$25,400.00	\$50,800.00	\$75,000.00	\$150,000.00	\$65,000.00	\$130,000.00	\$74,000.00	\$148,000.00
27	Spare PLC, Tools and Parts	1	JOB	LUMP SUM	\$12,400.00	LUMP SUM	\$25,000.00	LUMP SUM	\$20,000.00	LUMP SUM	\$24,700.00
28	Security System – Crafton Hills Pump Station	1	JOB	LUMP SUM	\$77,100.00	LUMP SUM	\$365,000.00	LUMP SUM	\$420,000.00	LUMP SUM	\$360,800.00
29	Security System – Crafton Hills Reservoir and Control Building	1	JOB	LUMP SUM	\$15,300.00	LUMP SUM	\$280,000.00	LUMP SUM	\$330,000.00	LUMP SUM	\$285,100.00
30	Security System – Greenspot Pump Station	1	JOB	LUMP SUM	\$57,500.00	LUMP SUM	\$230,000.00	LUMP SUM	\$265,000.00	LUMP SUM	\$229,700.00
31	Security System – Carter Street Valve Facility	1	JOB	LUMP SUM	\$24,100.00	LUMP SUM	\$63,000.00	LUMP SUM	\$71,000.00	LUMP SUM	\$61,450.00
32	Fire Alarm Systems at Crafton Hills Pump Station (CHPS)	1	JOB	LUMP SUM	\$62,300.00	LUMP SUM	\$27,000.00	LUMP SUM	\$31,000.00	LUMP SUM	\$26,350.00
33	Bridge Cranes	1	JOB	LUMP SUM	\$63,600.00	LUMP SUM	\$240,000.00	LUMP SUM	\$120,000.00	LUMP SUM	\$51,100.00
34	Install Department Furnished 11,250 GPM Pump	3	EACH	\$205,000.00	\$615,000.00	\$44,000.00	\$132,000.00	\$20,000.00	\$60,000.00	\$41,950.00	\$125,850.00
35	Install Department Furnished Valve Assemblies	1	JOB	LUMP SUM	\$26,800.00	LUMP SUM	\$65,000.00	LUMP SUM	\$50,000.00	LUMP SUM	\$136,900.00
36	Hangers and Supports at the Crafton Hills Pump Station	1	JOB	LUMP SUM	\$136,900.00	LUMP SUM	\$30,000.00	LUMP SUM	\$10,000.00	LUMP SUM	\$15,550.00
37	Piping, Tubing, Fittings, and Appurtenances	1	JOB	LUMP SUM	\$115,300.00	LUMP SUM	\$250,000.00	LUMP SUM	\$200,000.00	LUMP SUM	\$713,300.00
38	Solenoid Valves	3	EACH	\$1,820.00	\$5,460.00	\$1,300.00	\$3,900.00	\$15,000.00	\$45,000.00	\$700.00	\$2,100.00
39	8 Inch ANSI 300 Butterfly Valves, with Manual Actuators and Chain Wheel with Chain	2	EACH	\$9,430.00	\$18,860.00	\$13,000.00	\$26,000.00	\$10,000.00	\$20,000.00	\$16,250.00	\$32,500.00
40	6 Inch ANSI Class 300 Butterfly Valve with Manual Actuator	6	EACH	\$8,890.00	\$53,340.00	\$8,000.00	\$48,000.00	\$9,000.00	\$54,000.00	\$8,850.00	\$53,100.00
41	4 Inch ANSI 300 Ball Valves with Manual Actuators with Handwheels	1	EACH	\$3,290.00	\$3,290.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$10,050.00	\$10,050.00
42	3 Inch ANSI 300 Ball Valves with Manual Actuators and Chain Wheel with Chain	2	EACH	\$3,290.00	\$6,580.00	\$3,200.00	\$6,400.00	\$4,000.00	\$8,000.00	\$6,500.00	\$13,000.00
43	3 Inch ANSI Class 150 Butterfly Valve with Manual Actuator	3	EACH	\$1,970.00	\$5,910.00	\$4,800.00	\$14,400.00	\$4,000.00	\$12,000.00	\$5,600.00	\$16,800.00
44	3 Inch Pressure Relief Valve	3	EACH	\$1,970.00	\$5,910.00	\$8,500.00	\$25,500.00	\$5,000.00	\$15,000.00	\$9,450.00	\$28,350.00
45	Miscellaneous Valves	1	JOB	LUMP SUM	\$111,200.00	LUMP SUM	\$12,000.00	LUMP SUM	\$75,000.00	LUMP SUM	\$6,650.00
46	Valve Spare Parts	1	JOB	LUMP SUM	\$27,800.00	LUMP SUM	\$17,000.00	LUMP SUM	\$50,000.00	LUMP SUM	\$21,600.00
47	Accessories for Air Compressors	1	JOB	LUMP SUM	\$77,000.00	LUMP SUM	\$12,000.00	LUMP SUM	\$10,000.00	LUMP SUM	\$8,050.00
48	Air Chamber	1	EACH	\$268,800.00	\$268,800.00	\$680,000.00	\$680,000.00	\$825,000.00	\$825,000.00	\$831,400.00	\$831,400.00
49	Orifice Plate	1	EACH	\$2,700.00	\$2,700.00	\$5,764.00	\$5,764.00	\$30,000.00	\$30,000.00	\$63,100.00	\$63,100.00
50	Air Chamber Accessories	1	JOB	LUMP SUM	\$35,100.00	LUMP SUM	\$94,000.00	LUMP SUM	\$20,000.00	LUMP SUM	\$33,400.00
51	Sump Pump System	1	JOB	LUMP SUM	\$30,700.00	LUMP SUM	\$6,141.00	LUMP SUM	\$8,000.00	LUMP SUM	\$1,850.00

BID DATE: FEBRUARY 5, 2015
 TIME: 2:00:00
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 SPEC.#14-21
 CONTRACT #C51502

SUMMARY OF BIDS RECEIVED FOR

CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION,
 CITRUS PUMP STATION – COMPLETION, AND
 ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION
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 CALIFORNIA

**STATE OF CALIFORNIA
 CALIFORNIA NATURAL RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES**

No. Addendums:				ENGINEER'S ESTIMATE		L.H. WOODS & SONS, INC. 2115 LA MIRADA DRIVE VISTA, CA 92081 (760) 599-5500		USS CAL BUILDERS INC 8051 MAIN ST STANTON, CA 90680 (714) 828-4882		PULICE CONSTRUCTION INC 591 CAMINO DE LA REINA STE 1250 SAN DIEGO, CA 92108 (619) 814-3702	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
52	10 Ton HVAC Split Systems for Crafton Hills Pump Station	1	EACH	\$61,600.00	\$61,600.00	\$13,000.00	\$13,000.00	\$25,000.00	\$25,000.00	\$2,950.00	\$2,950.00
53	5.0 kW Electric Unit Heaters	2	EACH	\$6,660.00	\$13,320.00	\$8,000.00	\$16,000.00	\$4,500.00	\$9,000.00	\$1,700.00	\$3,400.00
54	3.3 kW Electric Unit Heaters	1	EACH	\$6,480.00	\$6,480.00	\$5,500.00	\$5,500.00	\$4,000.00	\$4,000.00	\$1,600.00	\$1,600.00
55	HVAC Ductwork	1	JOB	LUMP SUM	\$37,200.00	LUMP SUM	\$4,000.00	LUMP SUM	\$25,000.00	LUMP SUM	\$7,000.00
56	Exhaust Fan Ductwork	1	JOB	LUMP SUM	\$115,800.00	LUMP SUM	\$1,600.00	LUMP SUM	\$6,000.00	LUMP SUM	\$3,600.00
57	Compressor Ductwork	1	JOB	LUMP SUM	\$21,400.00	LUMP SUM	\$1,600.00	LUMP SUM	\$10,000.00	LUMP SUM	\$4,500.00
58	Exhaust Fans and Propeller Fans	1	JOB	LUMP SUM	\$19,400.00	LUMP SUM	\$2,100.00	LUMP SUM	\$5,000.00	LUMP SUM	\$1,160.00
59	Vault Exhaust Fans	5	EACH	\$5,470.00	\$27,350.00	\$3,800.00	\$19,000.00	\$4,000.00	\$20,000.00	\$2,000.00	\$10,000.00
60	Diffusers, Registers, and Grills	1	JOB	LUMP SUM	\$17,300.00	LUMP SUM	\$2,200.00	LUMP SUM	\$3,000.00	LUMP SUM	\$525.00
61	Testing, Adjusting, and Balancing	1	JOB	LUMP SUM	\$14,400.00	LUMP SUM	\$2,200.00	LUMP SUM	\$10,000.00	LUMP SUM	\$2,000.00
62	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Electrician)	262	HR	\$129.00	\$33,798.00	\$140.00	\$36,680.00	\$150.00	\$39,300.00	\$129.00	\$33,798.00
62a	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Electrician NETA Certified)	88	HR	\$157.00	\$13,816.00	\$200.00	\$17,600.00	\$230.00	\$20,240.00	\$193.00	\$16,984.00
62b	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Mechanics)	105	HR	\$140.00	\$14,700.00	\$170.00	\$17,850.00	\$250.00	\$26,250.00	\$107.00	\$11,235.00
62c	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Millwrights)	175	HR	\$132.00	\$23,100.00	\$130.00	\$22,750.00	\$250.00	\$43,750.00	\$135.00	\$23,625.00
62d	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Pipe Fitter)	42	HR	\$150.00	\$6,300.00	\$130.00	\$5,460.00	\$250.00	\$10,500.00	\$86.00	\$3,612.00
62e	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Manufacturer Representatives)	28	HR	\$308.00	\$8,624.00	\$270.00	\$7,560.00	\$300.00	\$8,400.00	\$258.00	\$7,224.00
63	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Electrician)	655	HR	\$128.00	\$83,840.00	\$140.00	\$91,700.00	\$150.00	\$98,250.00	\$129.00	\$84,495.00
63a	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Electrician NETA Certified)	219	HR	\$161.00	\$35,259.00	\$200.00	\$43,800.00	\$230.00	\$50,370.00	\$193.00	\$42,267.00
63b	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Mechanics)	263	HR	\$131.00	\$34,453.00	\$170.00	\$44,710.00	\$250.00	\$65,750.00	\$107.00	\$28,141.00
63c	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Millwrights)	438	HR	\$131.00	\$57,378.00	\$130.00	\$56,940.00	\$250.00	\$109,500.00	\$135.00	\$59,130.00
63d	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Pipe Fitters)	105	HR	\$140.00	\$14,700.00	\$130.00	\$13,650.00	\$250.00	\$26,250.00	\$86.00	\$9,030.00
63e	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Manufacturer Representatives)	70	HR	\$242.00	\$16,940.00	\$270.00	\$18,900.00	\$300.00	\$21,000.00	\$258.00	\$18,060.00
64	Grounding System	1	JOB	LUMP SUM	\$258,900.00	LUMP SUM	\$28,000.00	LUMP SUM	\$32,000.00	LUMP SUM	\$26,200.00
65	Cable Trays	1	JOB	LUMP SUM	\$25,100.00	LUMP SUM	\$4,500.00	LUMP SUM	\$6,000.00	LUMP SUM	\$4,450.00
66	No. 500 Kcmil, 1 Conductor Power Cable	2,500	LF	\$21.00	\$52,500.00	\$18.20	\$45,500.00	\$19.50	\$48,750.00	\$16.20	\$40,500.00
67	No. 250 Kcmil, 1 Conductor Power Cable	1,200	LF	\$17.00	\$20,400.00	\$10.70	\$12,840.00	\$11.50	\$13,800.00	\$9.50	\$11,400.00
68	No. 2 AWG, 3 Conductor Power Cable	600	LF	\$15.00	\$9,000.00	\$11.20	\$6,720.00	\$12.00	\$7,200.00	\$10.00	\$6,000.00
69	No. 2 AWG, 2 Conductor Power Cable	900	LF	\$13.00	\$11,700.00	\$10.10	\$9,090.00	\$10.00	\$9,000.00	\$9.00	\$8,100.00
70	No. 2 AWG, 1 Conductor Power Cable	500	LF	\$13.00	\$6,500.00	\$3.60	\$1,800.00	\$4.00	\$2,000.00	\$3.25	\$1,625.00
71	No. 6 AWG, 3 Conductor Power Cable	300	LF	\$9.90	\$2,970.00	\$6.80	\$2,040.00	\$7.00	\$2,100.00	\$6.00	\$1,800.00
72	No. 8 AWG, 3 Conductor Power Cable	500	LF	\$8.60	\$4,300.00	\$5.00	\$2,500.00	\$5.00	\$2,500.00	\$4.45	\$2,225.00
73	No. 8 AWG, 2 Conductor Power Cable	500	LF	\$7.70	\$3,850.00	\$4.50	\$2,250.00	\$5.00	\$2,500.00	\$4.05	\$2,025.00
74	No. 10 AWG, 3 Conductor Power Cable	5,000	LF	\$6.20	\$31,000.00	\$3.10	\$15,500.00	\$3.50	\$17,500.00	\$2.80	\$14,000.00
75	No. 10 AWG, 2 Conductor Power Cable	100	LF	\$6.00	\$600.00	\$3.30	\$330.00	\$3.50	\$350.00	\$2.90	\$290.00
76	No. 10 AWG, 1 Conductor Power Cable	7,000	LF	\$6.00	\$42,000.00	\$1.30	\$9,100.00	\$1.40	\$9,800.00	\$1.20	\$8,400.00
77	No. 12 AWG, 3 Conductor Power Cable	1,000	LF	\$5.90	\$5,900.00	\$2.90	\$2,900.00	\$3.00	\$3,000.00	\$2.60	\$2,600.00
78	No. 12 AWG, 2 Conductor Power Cable	3,000	LF	\$5.00	\$15,000.00	\$2.60	\$7,800.00	\$3.00	\$9,000.00	\$2.35	\$7,050.00
79	No. 14 AWG, 20 Conductor Control Cable	6,000	LF	\$13.00	\$78,000.00	\$10.60	\$63,600.00	\$11.50	\$69,000.00	\$9.45	\$56,700.00
80	No. 14 AWG, 7 Conductor Control Cable	1,500	LF	\$4.50	\$6,750.00	\$4.50	\$6,750.00	\$5.00	\$7,500.00	\$4.05	\$6,075.00
81	No. 14 AWG, 4 Conductor Control Cable	100	LF	\$6.60	\$660.00	\$3.60	\$360.00	\$4.00	\$400.00	\$3.20	\$320.00
82	No. 14 AWG, 2 Conductor Control Cable	5,000	LF	\$2.80	\$14,000.00	\$1.70	\$8,500.00	\$2.00	\$10,000.00	\$1.55	\$7,750.00
82a	No. 16 AWG, 20 Conductor Control Cable	1,500	LF	\$9.00	\$13,500.00	\$13.70	\$20,550.00	\$15.00	\$22,500.00	\$12.15	\$18,225.00
82b	No. 16 AWG, 8 Conductor Control Cable	1,500	LF	\$6.40	\$9,600.00	\$6.00	\$9,000.00	\$7.00	\$10,500.00	\$5.35	\$8,025.00

BID DATE: FEBRUARY 5, 2015
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 CONTRACT #C51502

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 ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION
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 CALIFORNIA

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 CALIFORNIA NATURAL RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES**

No. Addendums:				ENGINEER'S ESTIMATE		L.H. WOODS & SONS, INC. 2115 LA MIRADA DRIVE VISTA, CA 92081 (760) 599-5500		USS CAL BUILDERS INC 8051 MAIN ST STANTON, CA 90680 (714) 828-4882		PULICE CONSTRUCTION INC 591 CAMINO DE LA REINA STE 1250 SAN DIEGO, CA 92108 (619) 814-3702	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
83	No. 16 AWG, 1 Pair, Instrumentation Cable, Type I	150	LF	\$5.60	\$840.00	\$1.90	\$285.00	\$2.00	\$300.00	\$2.00	\$300.00
84	No. 16 AWG, 2 Pair, Instrumentation Cable, Type II	10,000	LF	\$4.00	\$40,000.00	\$2.20	\$22,000.00	\$2.50	\$25,000.00	\$2.00	\$20,000.00
85	No. 16 AWG, 4 Pair, Instrumentation Cable, Type II	2,100	LF	\$6.90	\$14,490.00	\$4.80	\$10,080.00	\$5.00	\$10,500.00	\$4.25	\$8,925.00
86	No. 16 AWG, 6 Pair, Instrumentation Cable, Type II	120	LF	\$8.60	\$1,032.00	\$6.00	\$720.00	\$6.50	\$780.00	\$5.40	\$648.00
86a	No. 16, 8 Triad, Instrumentation Cable, Type IV	1,500	LF	\$13.00	\$19,500.00	\$13.20	\$19,800.00	\$14.00	\$21,000.00	\$11.70	\$17,550.00
86b	No. 16, 2 Triad, Instrumentation Cable, Type IV	1,000	LF	\$9.70	\$9,700.00	\$3.70	\$3,700.00	\$3.00	\$3,000.00	\$3.35	\$3,350.00
86c	No. 16, 1 Triad, Instrumentation Cable, Type IV	1,500	LF	\$7.10	\$10,650.00	\$2.30	\$3,450.00	\$2.00	\$3,000.00	\$2.05	\$3,075.00
87	Lighting Wire, No. 10 AWG, Solid Copper, XHHW Insulated	1,000	LF	\$2.50	\$2,500.00	\$2.70	\$2,700.00	\$3.00	\$3,000.00	\$2.40	\$2,400.00
88	Lighting Wire, No. 12 AWG, Solid Copper, XHHW Insulated	1,000	LF	\$2.60	\$2,600.00	\$2.30	\$2,300.00	\$3.00	\$3,000.00	\$2.10	\$2,100.00
89	No. 16 AWG, XHHW/SIS Wire	1,000	LF	\$5.20	\$5,200.00	\$4.60	\$4,600.00	\$5.00	\$5,000.00	\$4.15	\$4,150.00
90	No. 14 AWG, XHHW/SIS Wire	1,000	LF	\$5.50	\$5,500.00	\$1.60	\$1,600.00	\$1.75	\$1,750.00	\$1.40	\$1,400.00
91	No. 12 AWG, XHHW/SIS Wire	1,000	LF	\$5.20	\$5,200.00	\$2.20	\$2,200.00	\$2.50	\$2,500.00	\$1.95	\$1,950.00
92	No. 10 AWG, XHHW/SIS Wire	1,000	LF	\$5.50	\$5,500.00	\$2.60	\$2,600.00	\$3.00	\$3,000.00	\$2.35	\$2,350.00
93	Fiber Optic Cable (FOC) Hardware	1	JOB	LUMP SUM	\$70,900.00	LUMP SUM	\$23,000.00	LUMP SUM	\$22,000.00	LUMP SUM	\$22,650.00
94	FOC Replacement	1	JOB	LUMP SUM	\$78,900.00	LUMP SUM	\$95,000.00	LUMP SUM	\$100,000.00	LUMP SUM	\$91,650.00
95	ST Panel Replacement	1	JOB	LUMP SUM	\$53,500.00	LUMP SUM	\$3,500.00	LUMP SUM	\$3,000.00	LUMP SUM	\$3,400.00
96	FOC Testing	1	JOB	LUMP SUM	\$15,000.00	LUMP SUM	\$2,000.00	LUMP SUM	\$2,000.00	LUMP SUM	\$1,950.00
97	5 kV Power Cable, MV-105 Type Single Conductor No. 2/0 AWG	2,600	LF	\$13.00	\$33,800.00	\$21.00	\$54,600.00	\$24.00	\$62,400.00	\$19.45	\$50,570.00
98	Cable – Category 6a Bulk Cable	1,200	LF	\$13.00	\$15,600.00	\$1.80	\$2,160.00	\$2.00	\$2,400.00	\$1.60	\$1,920.00
99	Cables – Category 6a Patch Cables (various lengths)	1	JOB	LUMP SUM	\$19,600.00	LUMP SUM	\$1,250.00	LUMP SUM	\$1,400.00	LUMP SUM	\$1,200.00
100	Cable – No. 14 AWG, Single Conductor RG11 Coaxial Cable	500	LF	\$13.00	\$6,500.00	\$5.10	\$2,550.00	\$5.50	\$2,750.00	\$4.60	\$2,300.00
101	Cable – No. 18 AWG, Single Conductor RG6 Coaxial Cable	70	LF	\$13.00	\$910.00	\$7.30	\$511.00	\$8.00	\$560.00	\$6.50	\$455.00
102	Junction Boxes with Cover Plates	25	EACH	\$145.00	\$3,625.00	\$177.00	\$4,425.00	\$190.00	\$4,750.00	\$170.00	\$4,250.00
103	Pull Box No. 38 – 13"x24"x12"	10	EACH	\$1,450.00	\$14,500.00	\$871.00	\$8,710.00	\$100.00	\$1,000.00	\$850.00	\$8,500.00
103a	Pull Box – JPK 24"x24"x 24"	1	EACH	\$2,160.00	\$2,160.00	\$2,500.00	\$2,500.00	\$2,800.00	\$2,800.00	\$2,400.00	\$2,400.00
104	Conduit – 3/4 Inch Diameter Intermediate Metallic Conduit (IMC)	2,500	LF	\$12.00	\$30,000.00	\$18.70	\$46,750.00	\$20.00	\$50,000.00	\$16.60	\$41,500.00
105	Conduit – 1 Inch Diameter Intermediate Metallic Conduit (IMC)	700	LF	\$20.50	\$14,350.00	\$21.00	\$14,700.00	\$23.00	\$16,100.00	\$19.05	\$13,335.00
106	Conduit – 1-1/2 Inch Diameter Intermediate Metallic Conduit (IMC)	300	LF	\$21.00	\$6,300.00	\$26.00	\$7,800.00	\$28.00	\$8,400.00	\$23.55	\$7,065.00
107	Conduit – 2 Inch Diameter Intermediate Metallic Conduit (IMC)	650	LF	\$26.50	\$17,225.00	\$54.00	\$35,100.00	\$60.00	\$39,000.00	\$48.00	\$31,200.00
108	Conduit – 3 Inch Diameter Intermediate Metallic Conduit (IMC)	680	LF	\$54.50	\$37,060.00	\$70.00	\$47,600.00	\$78.00	\$53,040.00	\$64.15	\$43,622.00
109	Conduit – 1 Inch Diameter PVC Schedule 80	1,100	LF	\$11.00	\$12,100.00	\$8.80	\$9,680.00	\$10.00	\$11,000.00	\$7.80	\$8,580.00
110	Conduit – 2 Inch Diameter PVC Schedule 80	24,000	LF	\$14.00	\$336,000.00	\$11.00	\$264,000.00	\$13.00	\$312,000.00	\$10.05	\$241,200.00
111	Conduit – 3 Inch Diameter PVC Schedule 80	20	LF	\$45.50	\$910.00	\$24.00	\$480.00	\$27.00	\$540.00	\$21.75	\$435.00
111a	Conduit – 4 Inch Diameter PVC Schedule 80	200	LF	\$39.00	\$7,800.00	\$28.00	\$5,600.00	\$30.00	\$6,000.00	\$24.90	\$4,980.00
112	Warning Tape	30,000	LF	\$0.98	\$29,400.00	\$2.20	\$66,000.00	\$2.50	\$75,000.00	\$2.00	\$60,000.00
113	Electronic Equipment Enclosures – PLC Cubicle CCB (CHPS)	1	EACH	\$21,000.00	\$21,000.00	\$12,500.00	\$12,500.00	\$12,000.00	\$12,000.00	\$12,100.00	\$12,100.00
114	Wiring Devices	1	JOB	LUMP SUM	\$28,700.00	LUMP SUM	\$7,000.00	LUMP SUM	\$8,000.00	LUMP SUM	\$6,900.00
115	Install Department Furnished Motors for Crafton Hills Pump Station (CHPS)	3	EACH	\$26,200.00	\$78,600.00	\$13,000.00	\$39,000.00	\$12,000.00	\$36,000.00	\$5,350.00	\$16,050.00
116	Install Department Furnished Excitation for Crafton Hills Pump Station (CHPS)	3	EACH	\$26,200.00	\$78,600.00	\$6,000.00	\$18,000.00	\$7,000.00	\$21,000.00	\$7,700.00	\$23,100.00
117	Install Department Furnished Automatic Voltage Regulators (AVRs) for Crafton Hills Pump Station (CHPS)	3	EACH	\$26,200.00	\$78,600.00	\$6,000.00	\$18,000.00	\$7,000.00	\$21,000.00	\$7,700.00	\$23,100.00
118	Install Department Furnished Conditioning Monitoring System for Crafton Hills Pump Station (CHPS)	3	EACH	\$26,200.00	\$78,600.00	\$4,500.00	\$13,500.00	\$5,200.00	\$15,600.00	\$5,950.00	\$17,850.00
119	Replace Minus 48 Volt dc (Vdc) Power System at Crafton Hills Pump Station (CHPS)	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$14,000.00	LUMP SUM	\$17,000.00	LUMP SUM	\$14,000.00
120	Reduced Size Minus 48 Volt dc (Vdc) Power System at Crafton Hills Reservoir Control Building	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$14,000.00	LUMP SUM	\$17,000.00	LUMP SUM	\$14,000.00
121	Replace Minus 48 Volt dc (Vdc) Power System at Greenspot Pump Station (GSPS)	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$14,000.00	LUMP SUM	\$17,000.00	LUMP SUM	\$14,000.00
122	Reduced Size Minus 48 Volt dc (Vdc) Power System at Carter Street Valve Facility	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$14,000.00	LUMP SUM	\$17,000.00	LUMP SUM	\$14,000.00
123	Dry Type Transformer – 5kVA, 480-240/120V	4	EACH	\$32,700.00	\$130,800.00	\$4,000.00	\$16,000.00	\$4,500.00	\$18,000.00	\$3,850.00	\$15,400.00
124	Install Department Furnished Transformer at Crafton Hills Pump Station (CHPS)	1	JOB	LUMP SUM	\$122,000.00	LUMP SUM	\$55,000.00	LUMP SUM	\$60,000.00	LUMP SUM	\$53,400.00
125	Install Department Furnished 5 kV Switchgear for Crafton Hills Pump Station (CHPS)	1	JOB	LUMP SUM	\$122,000.00	LUMP SUM	\$43,000.00	LUMP SUM	\$50,000.00	LUMP SUM	\$41,800.00
126	Install Department Furnished Programmable Logic Controller (PLC) Cubicle for Crafton Hills Pump Station (CHPS)	1	JOB	LUMP SUM	\$8,840.00	LUMP SUM	\$14,000.00	LUMP SUM	\$16,000.00	LUMP SUM	\$13,750.00

BID DATE: FEBRUARY 5, 2015
 TIME: 2:00:00
 PLACE: SACRAMENTO
 SPEC.#14-21
 CONTRACT #C51502

SUMMARY OF BIDS RECEIVED FOR

CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION,
 CITRUS PUMP STATION – COMPLETION, AND
 ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION
 CALIFORNIA AQUEDUCT
 SAN BERNARDINO AND RIVERSIDE COUNTIES
 CALIFORNIA

**STATE OF CALIFORNIA
 CALIFORNIA NATURAL RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES**

No. Addendums:				ENGINEER'S ESTIMATE		L.H. WOODS & SONS, INC. 2115 LA MIRADA DRIVE VISTA, CA 92081 (760) 599-5500		USS CAL BUILDERS INC 8051 MAIN ST STANTON, CA 90680 (714) 828-4882		PULICE CONSTRUCTION INC 591 CAMINO DE LA REINA STE 1250 SAN DIEGO, CA 92108 (619) 814-3702	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
127	Safety Disconnect Switches 200A	2	EACH	\$3,120.00	\$6,240.00	\$1,300.00	\$2,600.00	\$1,500.00	\$3,000.00	\$1,250.00	\$2,500.00
128	Safety Disconnect Switches 60A	5	EACH	\$1,420.00	\$7,100.00	\$700.00	\$3,500.00	\$800.00	\$4,000.00	\$700.00	\$3,500.00
129	Safety Disconnect Switches 30A	10	EACH	\$1,030.00	\$10,300.00	\$600.00	\$6,000.00	\$700.00	\$7,000.00	\$600.00	\$6,000.00
130	Panelboard 3 Phase, 208/120 VAC (LF)	1	EACH	\$4,090.00	\$4,090.00	\$1,300.00	\$1,300.00	\$1,500.00	\$1,500.00	\$1,300.00	\$1,300.00
131	Panelboard 3 Phase, 480VAC (Valve Vault)	4	EACH	\$5,840.00	\$23,360.00	\$3,000.00	\$12,000.00	\$3,500.00	\$14,000.00	\$2,950.00	\$11,800.00
132	Panelboard Single Phase, 240/120, NEMA 3R (Valve Vault)	4	EACH	\$4,090.00	\$16,360.00	\$2,300.00	\$9,200.00	\$2,500.00	\$10,000.00	\$2,200.00	\$8,800.00
132a	Branch Circuit Breakers, 20A 3 Pole, 480 VAC (Panel PC)	4	EACH	\$4,580.00	\$18,320.00	\$950.00	\$3,800.00	\$1,100.00	\$4,400.00	\$950.00	\$3,800.00
132b	Branch Circuit Breaker, 60A 3 Pole, 480 VAC (Panel PD)	2	EACH	\$4,580.00	\$9,160.00	\$1,600.00	\$3,200.00	\$1,800.00	\$3,600.00	\$1,600.00	\$3,200.00
133	Distribution Switchboards at Crafton Hills Pump Station (CHPS)	1	EACH	\$6,290.00	\$6,290.00	\$45,000.00	\$45,000.00	\$52,000.00	\$52,000.00	\$43,850.00	\$43,850.00
134	Indoor and Outdoor Lighting	1	JOB	LUMP SUM	\$14,300.00	LUMP SUM	\$46,000.00	LUMP SUM	\$53,000.00	LUMP SUM	\$45,300.00
135	Training Program for Programmable Logic Controllers (PLCs)	5	DAY	\$1,910.00	\$9,550.00	\$2,258.00	\$11,290.00	\$10,000.00	\$50,000.00	\$10,900.00	\$54,500.00
136	Modbus TCP Gateways	1	EACH	\$4,770.00	\$4,770.00	\$4,000.00	\$4,000.00	\$4,500.00	\$4,500.00	\$3,900.00	\$3,900.00
137	Spare Modbus TCP Gateway	1	EACH	\$3,370.00	\$3,370.00	\$4,000.00	\$4,000.00	\$4,500.00	\$4,500.00	\$3,900.00	\$3,900.00
138	Ethernet Patch Panels	4	EACH	\$476.00	\$1,904.00	\$5,000.00	\$20,000.00	\$5,800.00	\$23,200.00	\$4,900.00	\$19,600.00
139	RJ45 Data Jacks	1	JOB	LUMP SUM	\$6,210.00	LUMP SUM	\$126.00	LUMP SUM	\$120.00	LUMP SUM	\$125.00
	SUBTOTAL				\$5,985,000.00		\$6,059,388.00		\$6,595,290.00		\$6,387,726.00
	CITRUS PUMP STATION – COMPLETION										
140	Temporary Traffic Control	1	JOB	LUMP SUM	\$40,303.00	LUMP SUM	\$35,991.00	LUMP SUM	\$35,000.00	LUMP SUM	\$2,300.00
141	Excavation	4,500	CY	\$18.00	\$81,000.00	\$47.00	\$211,500.00	\$25.00	\$112,500.00	\$29.10	\$130,950.00
142	Compacted Backfill	3,500	CY	\$33.50	\$117,250.00	\$35.00	\$122,500.00	\$30.00	\$105,000.00	\$21.20	\$74,200.00
143	Common Backfill	100	CY	\$169.00	\$16,900.00	\$60.00	\$6,000.00	\$75.00	\$7,500.00	\$21.20	\$2,120.00
144	Remove Stockpile Including Rock Piles	18,000	CY	\$22.50	\$405,000.00	\$29.00	\$522,000.00	\$15.00	\$270,000.00	\$16.90	\$304,200.00
145	3/4 Inch Crushed Rock	800	CY	\$58.00	\$46,400.00	\$93.00	\$74,400.00	\$65.00	\$52,000.00	\$41.10	\$32,880.00
146	Slurry Backfill	45	CY	\$238.00	\$10,710.00	\$300.00	\$13,500.00	\$175.00	\$7,875.00	\$95.70	\$4,306.50
147	Consolidated Backfill	60	CY	\$76.00	\$4,560.00	\$300.00	\$18,000.00	\$125.00	\$7,500.00	\$52.00	\$3,120.00
148	Stone Slope Protection	250	TON	\$80.50	\$20,125.00	\$80.00	\$20,000.00	\$150.00	\$37,500.00	\$54.00	\$13,500.00
149	Geotextile Fabric	200	SY	\$17.50	\$3,500.00	\$10.00	\$2,000.00	\$4.00	\$800.00	\$3.00	\$600.00
150	Sleeve Type Couplings 48 Inch	2	EACH	\$8,190.00	\$16,380.00	\$6,000.00	\$12,000.00	\$22,000.00	\$44,000.00	\$2,850.00	\$5,700.00
151	Sleeve Type Couplings 20 Inch	4	EACH	\$2,920.00	\$11,680.00	\$3,000.00	\$12,000.00	\$15,000.00	\$60,000.00	\$1,750.00	\$7,000.00
152	Sleeve Type Couplings 18 Inch	2	EACH	\$2,470.00	\$4,940.00	\$3,000.00	\$6,000.00	\$9,000.00	\$18,000.00	\$1,650.00	\$3,300.00
153	Sleeve Type Couplings 14 Inch	2	EACH	\$1,940.00	\$3,880.00	\$2,800.00	\$5,600.00	\$8,000.00	\$16,000.00	\$1,450.00	\$2,900.00
154	Sleeve Type Couplings 8 Inch	2	EACH	\$1,940.00	\$3,880.00	\$1,400.00	\$2,800.00	\$4,000.00	\$8,000.00	\$800.00	\$1,600.00
155	Septic System	1	JOB	LUMP SUM	\$125,800.00	LUMP SUM	\$80,000.00	LUMP SUM	\$75,000.00	LUMP SUM	\$46,850.00
156	6 Inch Corrugated Metal Pipe	90	LF	\$34.00	\$3,060.00	\$100.00	\$9,000.00	\$100.00	\$9,000.00	\$43.00	\$3,870.00
157	12 Inch Corrugated Metal Pipe	70	LF	\$47.50	\$3,325.00	\$130.00	\$9,100.00	\$120.00	\$8,400.00	\$55.50	\$3,885.00
158	24 Inch Corrugated Metal Pipe	150	LF	\$90.50	\$13,575.00	\$100.00	\$15,000.00	\$150.00	\$22,500.00	\$92.80	\$13,920.00
159	Precast Structures at Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$58,615.00	LUMP SUM	\$60,000.00	LUMP SUM	\$70,000.00	LUMP SUM	\$26,050.00
160	Aggregate Base	800	TON	\$48.50	\$38,800.00	\$82.00	\$65,600.00	\$42.00	\$33,600.00	\$34.00	\$27,200.00
161	Hot Mix Asphalt	1,000	TON	\$132.00	\$132,000.00	\$173.00	\$173,000.00	\$82.00	\$82,000.00	\$103.75	\$103,750.00
162	Irrigation System	1	JOB	LUMP SUM	\$43,000.00	LUMP SUM	\$80,000.00	LUMP SUM	\$45,000.00	LUMP SUM	\$57,000.00
163	8 Foot Chain Link Fence	3,700	LF	\$37.00	\$136,900.00	\$35.00	\$129,500.00	\$35.00	\$129,500.00	\$32.55	\$120,435.00
164	6 Foot Chain Link Fence	4,600	LF	\$31.00	\$142,600.00	\$35.00	\$161,000.00	\$35.00	\$161,000.00	\$33.85	\$155,710.00
165	10 Foot Double Chain Link Gate	4	EACH	\$8,025.00	\$32,100.00	\$1,700.00	\$6,800.00	\$3,000.00	\$12,000.00	\$1,650.00	\$6,600.00
166	24 Foot Double Chain Link Fence Gate	3	EACH	\$5,140.00	\$15,420.00	\$2,600.00	\$7,800.00	\$4,000.00	\$12,000.00	\$2,500.00	\$7,500.00
167	30 Foot Double Fence Gate	1	EACH	\$16,900.00	\$16,900.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$3,700.00	\$3,700.00
168	12 Foot Double Chain Link Fence Gate	1	EACH	\$6,430.00	\$6,430.00	\$2,600.00	\$2,600.00	\$4,000.00	\$4,000.00	\$2,410.00	\$2,410.00
169	33 Foot Pipe Gate	1	EACH	\$16,800.00	\$16,800.00	\$7,600.00	\$7,600.00	\$8,000.00	\$8,000.00	\$7,050.00	\$7,050.00
170	Ornamental Fencing and Gates	1	JOB	LUMP SUM	\$28,000.00	LUMP SUM	\$38,000.00	LUMP SUM	\$15,000.00	LUMP SUM	\$35,550.00
171	Exclusion Fence	5,200	LF	\$6.80	\$35,360.00	\$17.00	\$88,400.00	\$15.00	\$78,000.00	\$15.80	\$82,160.00
172	Landscape Installation	1	JOB	LUMP SUM	\$100,400.00	LUMP SUM	\$100,000.00	LUMP SUM	\$55,000.00	LUMP SUM	\$65,400.00
173	Landscape Maintenance	1	JOB	LUMP SUM	\$18,600.00	LUMP SUM	\$10,000.00	LUMP SUM	\$4,000.00	LUMP SUM	\$5,850.00
174	Concrete	830	CY	\$1,020.00	\$846,600.00	\$1,250.00	\$1,037,500.00	\$800.00	\$664,000.00	\$395.00	\$327,850.00
175	Reinforcing Steel	112,000	LB	\$1.35	\$151,200.00	\$1.50	\$168,000.00	\$1.50	\$168,000.00	\$1.30	\$145,600.00

BID DATE: FEBRUARY 5, 2015
 TIME: 2:00:00
 PLACE: SACRAMENTO
 SPEC.#14-21
 CONTRACT #C51502

SUMMARY OF BIDS RECEIVED FOR

CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION,
 CITRUS PUMP STATION – COMPLETION, AND
 ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION
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 SAN BERNARDINO AND RIVERSIDE COUNTIES
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No. Addendums:				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
176	Miscellaneous Metal	1	JOB	LUMP SUM	\$70,100.00	LUMP SUM	\$290,000.00	LUMP SUM	\$75,000.00	LUMP SUM	\$134,000.00
176a	Modified Polyurethane/ Epoxy Coating System at Citrus Pump Station	10,370	SF	\$7.10	\$73,627.00	\$7.60	\$78,812.00	\$12.00	\$124,440.00	\$10.30	\$106,811.00
177	6 Inch Combination Air Valve Assembly	10	EACH	\$9,110.00	\$91,100.00	\$10,000.00	\$100,000.00	\$16,000.00	\$160,000.00	\$9,050.00	\$90,500.00
178	4 Inch Combination Air Valve Assembly	4	EACH	\$7,440.00	\$29,760.00	\$7,500.00	\$30,000.00	\$11,000.00	\$44,000.00	\$6,650.00	\$26,600.00
179	3 Inch Combination Air Valve Assembly	2	EACH	\$7,170.00	\$14,340.00	\$6,000.00	\$12,000.00	\$9,000.00	\$18,000.00	\$5,100.00	\$10,200.00
180	Combination Air Valve Spare Parts	1	JOB	LUMP SUM	\$5,120.00	LUMP SUM	\$20,000.00	LUMP SUM	\$10,000.00	LUMP SUM	\$25,200.00
181	Citrus Pump Station Storage Building	1	JOB	LUMP SUM	\$837,100.00	LUMP SUM	\$600,000.00	LUMP SUM	\$675,000.00	LUMP SUM	\$709,000.00
182	Citrus Pump Station Office Building	1	JOB	LUMP SUM	\$864,500.00	LUMP SUM	\$2,035,000.00	LUMP SUM	\$1,480,000.00	LUMP SUM	\$1,966,000.00
183	Cathodic Protection at Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$28,900.00	LUMP SUM	\$95,000.00	LUMP SUM	\$150,000.00	LUMP SUM	\$51,350.00
184	Instrumentation	1	JOB	LUMP SUM	\$137,800.00	LUMP SUM	\$230,000.00	LUMP SUM	\$257,000.00	LUMP SUM	\$27,100.00
185	8 Inch Propeller Flowmeter	1	JOB	LUMP SUM	\$9,690.00	LUMP SUM	\$10,000.00	LUMP SUM	\$8,000.00	LUMP SUM	\$13,950.00
186	Flood Alarm Sensors	1	JOB	LUMP SUM	\$3,330.00	LUMP SUM	\$13,000.00	LUMP SUM	\$15,000.00	LUMP SUM	\$13,400.00
187	Security System – Citrus Reservoir and Citrus Pump Station Building	1	JOB	LUMP SUM	\$52,400.00	LUMP SUM	\$320,000.00	LUMP SUM	\$350,000.00	LUMP SUM	\$318,000.00
188	Security System – Citrus Pumps Station Office Building	1	JOB	LUMP SUM	\$52,400.00	LUMP SUM	\$145,000.00	LUMP SUM	\$160,000.00	LUMP SUM	\$140,400.00
189	Fire Alarm Systems at Citrus Pump Station at CPS	1	JOB	LUMP SUM	\$62,300.00	LUMP SUM	\$105,000.00	LUMP SUM	\$115,000.00	LUMP SUM	\$103,700.00
190	Fire Deluge Control Systems at CPS	1	JOB	LUMP SUM	\$148,900.00	LUMP SUM	\$60,000.00	LUMP SUM	\$50,000.00	LUMP SUM	\$56,300.00
191	Fire Extinguishing Deluge System	1	JOB	LUMP SUM	\$148,900.00	LUMP SUM	\$90,000.00	LUMP SUM	\$20,000.00	LUMP SUM	\$112,650.00
192	Bridge Cranes	1	JOB	LUMP SUM	\$63,600.00	LUMP SUM	\$100,000.00	LUMP SUM	\$60,000.00	LUMP SUM	\$55,850.00
193	Jib Crane	1	JOB	LUMP SUM	\$37,800.00	LUMP SUM	\$250,000.00	LUMP SUM	\$70,000.00	LUMP SUM	\$67,800.00
194	Install Department Furnished 4,500 GPM Pump	2	EACH	\$163,000.00	\$326,000.00	\$50,000.00	\$100,000.00	\$22,000.00	\$44,000.00	\$33,850.00	\$67,700.00
195	Install Department Furnished 9,000 GPM Pump	2	EACH	\$191,000.00	\$382,000.00	\$50,000.00	\$100,000.00	\$25,000.00	\$50,000.00	\$34,000.00	\$68,000.00
196	Install Department Furnished 11,250 GPM Pump	4	EACH	\$203,600.00	\$814,400.00	\$54,000.00	\$216,000.00	\$30,000.00	\$120,000.00	\$42,700.00	\$170,800.00
197	Install Department Furnished Valve Assemblies	1	JOB	LUMP SUM	\$34,800.00	LUMP SUM	\$95,000.00	LUMP SUM	\$60,000.00	LUMP SUM	\$223,450.00
198	Hangers and Supports at the Citrus Pump Station Building	1	JOB	LUMP SUM	\$136,900.00	LUMP SUM	\$220,000.00	LUMP SUM	\$20,000.00	LUMP SUM	\$40,500.00
199	Piping, Tubing, Fittings, and Appurtenances	1	JOB	LUMP SUM	\$53,300.00	LUMP SUM	\$1,200,678.00	LUMP SUM	\$400,000.00	LUMP SUM	\$2,980,100.50
200	8 Inch ANSI Class 300 Butterfly Valve with Manual Actuator	1	EACH	\$9,430.00	\$9,430.00	\$13,000.00	\$13,000.00	\$10,000.00	\$10,000.00	\$16,050.00	\$16,050.00
201	8 Inch ANSI 300 Butterfly Valves, with Manual Actuators and Chain Wheel with Chain	2	EACH	\$9,430.00	\$18,860.00	\$14,000.00	\$28,000.00	\$11,000.00	\$22,000.00	\$16,500.00	\$33,000.00
202	8 Inch ANSI Class 150 Butterfly Valves with Manual Actuator	8	EACH	\$14,000.00	\$112,000.00	\$8,000.00	\$64,000.00	\$6,500.00	\$52,000.00	\$10,450.00	\$83,600.00
203	8 Inch ANSI Class 150 Butterfly Valve with Electric Actuator	1	EACH	\$14,000.00	\$14,000.00	\$19,000.00	\$19,000.00	\$15,000.00	\$15,000.00	\$22,400.00	\$22,400.00
204	6 Inch ANSI Class 300 Butterfly Valve with Manual Actuator	10	EACH	\$6,320.00	\$63,200.00	\$8,000.00	\$80,000.00	\$6,000.00	\$60,000.00	\$9,750.00	\$97,500.00
205	4 Inch ANSI Class 300 Butterfly Valve with Manual Actuator	5	EACH	\$3,500.00	\$17,500.00	\$3,000.00	\$15,000.00	\$5,000.00	\$25,000.00	\$5,400.00	\$27,000.00
206	4 Inch ANSI Class 150 Butterfly Valve with Manual Actuator	2	EACH	\$3,040.00	\$6,080.00	\$13,000.00	\$26,000.00	\$5,000.00	\$10,000.00	\$6,850.00	\$13,700.00
207	4 Inch ANSI 300 Ball Valves with Manual Actuators with Handwheels	2	EACH	\$3,500.00	\$7,000.00	\$8,000.00	\$16,000.00	\$4,000.00	\$8,000.00	\$9,600.00	\$19,200.00
208	3 Inch ANSI 300 Ball Valves with Manual Actuator	2	EACH	\$2,750.00	\$5,500.00	\$6,000.00	\$12,000.00	\$6,500.00	\$13,000.00	\$6,500.00	\$13,000.00
209	3 Inch ANSI 300 Ball Valves with Manual Actuators and Chain Wheel with Chain	2	EACH	\$3,130.00	\$6,260.00	\$6,000.00	\$12,000.00	\$5,000.00	\$10,000.00	\$6,900.00	\$13,800.00
210	4 Inch Pressure Reducing Valve	1	EACH	\$5,080.00	\$5,080.00	\$9,000.00	\$9,000.00	\$3,000.00	\$3,000.00	\$9,050.00	\$9,050.00
211	8 Inch Pressure Reducing Valve	1	EACH	\$9,430.00	\$9,430.00	\$12,000.00	\$12,000.00	\$15,000.00	\$15,000.00	\$13,650.00	\$13,650.00
212	8 Inch Pressure Reducing and Sustaining Valve	1	EACH	\$10,200.00	\$10,200.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$17,150.00	\$17,150.00
213	8 Inch Gate Valve with Manual Actuator	2	EACH	\$5,230.00	\$10,460.00	\$4,600.00	\$9,200.00	\$14,000.00	\$28,000.00	\$2,250.00	\$4,500.00
214	8 Inch Double Check Detector Assembly	1	EACH	\$17,200.00	\$17,200.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$10,850.00	\$10,850.00
215	8 inch Double Disc Wafer Check Valve	1	EACH	\$4,050.00	\$4,050.00	\$6,400.00	\$6,400.00	\$16,000.00	\$16,000.00	\$5,800.00	\$5,800.00
216	4 Inch Ball Check Valve	1	EACH	\$2,240.00	\$2,240.00	\$3,900.00	\$3,900.00	\$7,000.00	\$7,000.00	\$3,050.00	\$3,050.00
217	Solenoid Valves	27	EACH	\$1,820.00	\$49,140.00	\$1,300.00	\$35,100.00	\$15,000.00	\$405,000.00	\$900.00	\$24,300.00
218	Miscellaneous Valves	1	JOB	LUMP SUM	\$45,600.00	LUMP SUM	\$50,000.00	LUMP SUM	\$50,000.00	LUMP SUM	\$26,200.00
219	Valve Spare Parts	1	JOB	LUMP SUM	\$37,500.00	LUMP SUM	\$52,000.00	LUMP SUM	\$40,000.00	LUMP SUM	\$65,200.00
220	Low Pressure Air Compressor	1	JOB	LUMP SUM	\$62,400.00	LUMP SUM	\$94,430.00	LUMP SUM	\$100,000.00	LUMP SUM	\$28,000.00
221	Low Pressure Air Compressor Special Tools and Spare Parts	1	JOB	LUMP SUM	\$14,100.00	LUMP SUM	\$11,709.00	LUMP SUM	\$25,000.00	LUMP SUM	\$70,000.00
222	High Pressure Air Compressor	1	JOB	LUMP SUM	\$194,700.00	LUMP SUM	\$152,404.00	LUMP SUM	\$125,000.00	LUMP SUM	\$244,160.00
223	High Pressure Air Compressor Special Tools and Spare Parts	1	JOB	LUMP SUM	\$68,000.00	LUMP SUM	\$1,171.00	LUMP SUM	\$25,000.00	LUMP SUM	\$7,000.00
224	Accessories for Air Compressors	1	JOB	LUMP SUM	\$77,000.00	LUMP SUM	\$15,296.00	LUMP SUM	\$15,000.00	LUMP SUM	\$7,000.00
225	Service Water Strainer	1	JOB	LUMP SUM	\$61,700.00	LUMP SUM	\$149,638.00	LUMP SUM	\$145,000.00	LUMP SUM	\$145,500.00
226	Air Chamber	2	EACH	\$600,700.00	\$1,201,400.00	\$893,575.00	\$1,787,150.00	\$865,000.00	\$1,730,000.00	\$1,085,000.00	\$2,170,000.00
227	Orifice Plate	2	EACH	\$9,890.00	\$19,780.00	\$5,307.00	\$10,614.00	\$80,000.00	\$160,000.00	\$110,250.00	\$220,500.00
228	Air Chamber Accessories	1	JOB	LUMP SUM	\$84,100.00	LUMP SUM	\$183,800.00	LUMP SUM	\$20,000.00	LUMP SUM	\$61,400.00
229	Dewatering Pump System	1	JOB	LUMP SUM	\$30,700.00	LUMP SUM	\$67,335.00	LUMP SUM	\$30,000.00	LUMP SUM	\$33,650.00

BID DATE: FEBRUARY 5, 2015
 TIME: 2:00:00
 PLACE: SACRAMENTO
 SPEC.#14-21
 CONTRACT #C51502

SUMMARY OF BIDS RECEIVED FOR

CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION,
 CITRUS PUMP STATION – COMPLETION, AND
 ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION
 CALIFORNIA AQUEDUCT
 SAN BERNARDINO AND RIVERSIDE COUNTIES
 CALIFORNIA

**STATE OF CALIFORNIA
 CALIFORNIA NATURAL RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES**

No. Addendums:		ENGINEER'S ESTIMATE				L.H. WOODS & SONS, INC. 2115 LA MIRADA DRIVE VISTA, CA 92081 (760) 599-5500		USS CAL BUILDERS INC 8051 MAIN ST STANTON, CA 90680 (714) 828-4882		PULICE CONSTRUCTION INC 591 CAMINO DE LA REINA STE 1250 SAN DIEGO, CA 92108 (619) 814-3702	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
230	1 Ton Ductless Split System Heat Pump for Citrus Pump Station Building	1	JOB	LUMP SUM	\$8,310.00	LUMP SUM	\$5,400.00	LUMP SUM	\$5,000.00	LUMP SUM	\$2,050.00
231	7.5 kW Electric Unit Heaters	6	EACH	\$6,970.00	\$41,820.00	\$10,000.00	\$60,000.00	\$4,000.00	\$24,000.00	\$1,900.00	\$11,400.00
232	3.3 kW Electric Unit Heaters	4	EACH	\$6,480.00	\$25,920.00	\$5,400.00	\$21,600.00	\$4,000.00	\$16,000.00	\$1,600.00	\$6,400.00
233	HVAC Ductwork	1	JOB	LUMP SUM	\$37,000.00	LUMP SUM	\$40,000.00	LUMP SUM	\$25,000.00	LUMP SUM	\$81,900.00
234	Exhaust Fan Ductwork	1	JOB	LUMP SUM	\$4,910.00	LUMP SUM	\$8,000.00	LUMP SUM	\$5,000.00	LUMP SUM	\$6,200.00
235	Compressor Ductwork	1	JOB	LUMP SUM	\$20,500.00	LUMP SUM	\$20,000.00	LUMP SUM	\$13,000.00	LUMP SUM	\$3,700.00
236	Exhaust Fans and Propeller Fans	1	JOB	LUMP SUM	\$50,300.00	LUMP SUM	\$5,000.00	LUMP SUM	\$4,000.00	LUMP SUM	\$2,900.00
237	Vault Exhaust Fan	2	EACH	\$7,350.00	\$14,700.00	\$6,000.00	\$12,000.00	\$4,000.00	\$8,000.00	\$2,400.00	\$4,800.00
238	Diffusers, Registers, Grills	1	JOB	LUMP SUM	\$12,100.00	LUMP SUM	\$13,000.00	LUMP SUM	\$7,500.00	LUMP SUM	\$8,500.00
239	Testing, Adjusting, Balancing	1	JOB	LUMP SUM	\$16,900.00	LUMP SUM	\$20,000.00	LUMP SUM	\$10,000.00	LUMP SUM	\$6,550.00
240	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Electrician)	750	HR	\$128.00	\$96,000.00	\$140.00	\$105,000.00	\$150.00	\$112,500.00	\$129.00	\$96,750.00
240a	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Electrician NETA Certified)	250	HR	\$161.00	\$40,250.00	\$200.00	\$50,000.00	\$222.00	\$55,500.00	\$193.00	\$48,250.00
240b	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Mechanics)	300	HR	\$133.00	\$39,900.00	\$170.00	\$51,000.00	\$240.00	\$72,000.00	\$107.00	\$32,100.00
240c	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Millwrights)	500	HR	\$132.00	\$66,000.00	\$140.00	\$70,000.00	\$240.00	\$120,000.00	\$135.00	\$67,500.00
240d	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Pipe Fitters)	120	HR	\$131.00	\$15,720.00	\$140.00	\$16,800.00	\$240.00	\$28,800.00	\$86.00	\$10,320.00
240e	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Manufacturer Representatives)	80	HR	\$232.00	\$18,560.00	\$275.00	\$22,000.00	\$300.00	\$24,000.00	\$258.00	\$20,640.00
241	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Electrician)	1,125	HR	\$128.00	\$144,000.00	\$140.00	\$157,500.00	\$150.00	\$168,750.00	\$129.00	\$145,125.00
241a	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Electrician NETA Certified)	375	HR	\$161.00	\$60,375.00	\$200.00	\$75,000.00	\$230.00	\$86,250.00	\$193.00	\$72,375.00
241b	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Mechanics)	450	HR	\$133.00	\$59,850.00	\$175.00	\$78,750.00	\$240.00	\$108,000.00	\$107.00	\$48,150.00
241c	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Millwrights)	750	HR	\$131.00	\$98,250.00	\$140.00	\$105,000.00	\$240.00	\$180,000.00	\$135.00	\$101,250.00
241d	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Pipe Fitters)	180	HR	\$134.00	\$24,120.00	\$140.00	\$25,200.00	\$240.00	\$43,200.00	\$86.00	\$15,480.00
241e	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Manufacturer Representatives)	120	HR	\$240.00	\$28,800.00	\$270.00	\$32,400.00	\$300.00	\$36,000.00	\$258.00	\$30,960.00
242	Grounding System	1	JOB	LUMP SUM	\$39,900.00	LUMP SUM	\$110,000.00	LUMP SUM	\$125,000.00	LUMP SUM	\$107,950.00
242a	Cable Trays	1	JOB	LUMP SUM	\$138,700.00	LUMP SUM	\$160,000.00	LUMP SUM	\$175,000.00	LUMP SUM	\$156,950.00
243	Wire Basket Cable Support System	1	JOB	LUMP SUM	\$7,020.00	LUMP SUM	\$7,000.00	LUMP SUM	\$8,000.00	LUMP SUM	\$6,700.00
244	No. 700 Kcmil, 1 Conductor Power Cable	2,000	LF	\$41.50	\$83,000.00	\$26.00	\$52,000.00	\$28.00	\$56,000.00	\$24.15	\$48,300.00
245	300 Kcmil, 1 Conductor Power Cable	210	LF	\$24.50	\$5,145.00	\$7.00	\$1,470.00	\$8.00	\$1,680.00	\$6.90	\$1,449.00
246	No. 250 Kcmil, 2 Conductor Power Cable	75	LF	\$17.00	\$1,275.00	\$35.00	\$2,625.00	\$36.00	\$2,700.00	\$30.80	\$2,310.00
247	No. 2/0 AWG, 3 Conductor Power Cable	900	LF	\$21.50	\$19,350.00	\$16.00	\$14,400.00	\$17.00	\$15,300.00	\$14.85	\$13,365.00
248	No. 1/0 AWG, 3 Conductor Power Cable	650	LF	\$18.50	\$12,025.00	\$17.00	\$11,050.00	\$18.00	\$11,700.00	\$15.50	\$10,075.00
249	No. 1 AWG, 3 Conductor Power Cable	570	LF	\$18.00	\$10,260.00	\$14.00	\$7,980.00	\$14.00	\$7,980.00	\$12.60	\$7,182.00
250	No. 6 AWG, 3 Conductor Power Cable	800	LF	\$8.00	\$6,400.00	\$7.00	\$5,600.00	\$7.00	\$5,600.00	\$6.25	\$5,000.00
251	No. 8 AWG, 2 Conductor Power Cable	50	LF	\$7.70	\$385.00	\$5.00	\$250.00	\$5.00	\$250.00	\$4.40	\$220.00
252	No. 10 AWG, 10 Conductor Power Cable	600	LF	\$9.40	\$5,640.00	\$10.00	\$6,000.00	\$10.00	\$6,000.00	\$8.40	\$5,040.00
253	No. 10 AWG, 4 Conductor Power Cable	16,300	LF	\$4.00	\$65,200.00	\$4.20	\$68,460.00	\$4.00	\$65,200.00	\$3.75	\$61,125.00
254	No. 10 AWG, 3 Conductor Power Cable	3,000	LF	\$6.20	\$18,600.00	\$3.40	\$10,200.00	\$3.00	\$9,000.00	\$3.00	\$9,000.00
255	No. 10 AWG, 2 Conductor Power Cable	2,700	LF	\$6.00	\$16,200.00	\$3.00	\$8,100.00	\$3.00	\$8,100.00	\$2.60	\$7,020.00
256	No. 10 AWG, 1 Conductor Power Cable	150	LF	\$6.00	\$900.00	\$2.00	\$300.00	\$1.50	\$225.00	\$1.30	\$195.00
257	No. 12 AWG, 3 Conductor Power Cable	1,850	LF	\$5.90	\$10,915.00	\$3.00	\$5,550.00	\$3.50	\$6,475.00	\$2.90	\$5,365.00
258	No. 12 AWG, 2 Conductor Power Cable	9,900	LF	\$2.90	\$28,710.00	\$2.50	\$24,750.00	\$2.50	\$24,750.00	\$2.05	\$20,295.00
259	No. 12 AWG, 1 Conductor Power Cable	3,000	LF	\$2.50	\$7,500.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00
260	No. 10 AWG, 12 Conductor Control Cable	1,000	LF	\$10.50	\$10,500.00	\$14.00	\$14,000.00	\$15.00	\$15,000.00	\$12.90	\$12,900.00
261	No. 10 AWG, 9 Conductor Control Cable	700	LF	\$7.90	\$5,530.00	\$8.00	\$5,600.00	\$8.00	\$5,600.00	\$7.15	\$5,005.00

BID DATE: FEBRUARY 5, 2015
 TIME: 2:00:00
 PLACE: SACRAMENTO
 SPEC.#14-21
 CONTRACT #C51502

SUMMARY OF BIDS RECEIVED FOR

CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION,
 CITRUS PUMP STATION – COMPLETION, AND
 ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION
 CALIFORNIA AQUEDUCT
 SAN BERNARDINO AND RIVERSIDE COUNTIES
 CALIFORNIA

**STATE OF CALIFORNIA
 CALIFORNIA NATURAL RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES**

No. Addendums:		ENGINEER'S ESTIMATE				L.H. WOODS & SONS, INC. 2115 LA MIRADA DRIVE VISTA, CA 92081 (760) 599-5500		USS CAL BUILDERS INC 8051 MAIN ST STANTON, CA 90680 (714) 828-4882		PULICE CONSTRUCTION INC 591 CAMINO DE LA REINA STE 1250 SAN DIEGO, CA 92108 (619) 814-3702	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
262	No. 12 AWG, 12 Conductor Control Cable	850	LF	\$9.20	\$7,820.00	\$20.00	\$17,000.00	\$22.00	\$18,700.00	\$18.20	\$15,470.00
263	No. 14 AWG, 20 Conductor Control Cable	1,450	LF	\$11.00	\$15,950.00	\$11.00	\$15,950.00	\$12.00	\$17,400.00	\$10.10	\$14,645.00
264	No. 14 AWG, 19 Conductor Control Cable	3,100	LF	\$11.00	\$34,100.00	\$10.00	\$31,000.00	\$10.00	\$31,000.00	\$8.75	\$27,125.00
265	No. 14 AWG, 8 Conductor Control Cable	400	LF	\$6.40	\$2,560.00	\$5.00	\$2,000.00	\$5.00	\$2,000.00	\$4.65	\$1,860.00
266	No. 14 AWG, 3 Conductor Control Cable	300	LF	\$3.10	\$930.00	\$3.00	\$900.00	\$2.00	\$600.00	\$2.35	\$705.00
267	No. 14 AWG, 10 Conductor Control Cable	350	LF	\$6.10	\$2,135.00	\$6.00	\$2,100.00	\$6.00	\$2,100.00	\$5.70	\$1,995.00
268	No. 14 AWG, 6 Conductor Control Cable	1,150	LF	\$4.10	\$4,715.00	\$4.50	\$5,175.00	\$5.00	\$5,750.00	\$4.00	\$4,600.00
269	No. 14 AWG, 2 Conductor Control Cable	1,150	LF	\$2.80	\$3,220.00	\$2.50	\$2,875.00	\$2.50	\$2,875.00	\$2.10	\$2,415.00
270	No. 16 AWG, 16 Conductor Control Cable	2,000	LF	\$5.60	\$11,200.00	\$10.00	\$20,000.00	\$10.00	\$20,000.00	\$8.75	\$17,500.00
271	No. 16 AWG, 20 Conductor Control Cable	2,300	LF	\$6.60	\$15,180.00	\$10.00	\$23,000.00	\$11.00	\$25,300.00	\$9.15	\$21,045.00
272	No. 16 AWG, 1 Pair, Instrumentation Cable, Type I	350	LF	\$3.70	\$1,295.00	\$2.00	\$700.00	\$2.00	\$700.00	\$1.60	\$560.00
273	No. 16 AWG, 2 Pair, Instrumentation Cable, Type II	1,400	LF	\$4.00	\$5,600.00	\$2.50	\$3,500.00	\$2.00	\$2,800.00	\$2.05	\$2,870.00
274	No. 16 AWG, 4 Pair, Instrumentation Cable, Type II	1,300	LF	\$4.60	\$5,980.00	\$5.00	\$6,500.00	\$5.00	\$6,500.00	\$4.20	\$5,460.00
275	No. 16 AWG, 4 Pair Instrumentation Cable, Type III	7,600	LF	\$5.10	\$38,760.00	\$2.00	\$15,200.00	\$2.25	\$17,100.00	\$1.90	\$14,440.00
276	No. 16 AWG, Instrumentation Cable, 4-Triads, Type IV	600	LF	\$10.50	\$6,300.00	\$36.00	\$21,600.00	\$38.00	\$22,800.00	\$32.30	\$19,380.00
277	No. 16 AWG, Instrumentation Cable, 8-Triads, Type IV	900	LF	\$10.50	\$9,450.00	\$12.00	\$10,800.00	\$13.00	\$11,700.00	\$11.20	\$10,080.00
278	Lighting Wire, No. 10 AWG, Solid Copper, XHHW Insulated	4,000	LF	\$2.50	\$10,000.00	\$2.00	\$8,000.00	\$1.50	\$6,000.00	\$1.55	\$6,200.00
279	Lighting Wire, No. 12 AWG, Solid Copper, XHHW Insulated	11,000	LF	\$2.60	\$28,600.00	\$1.60	\$17,600.00	\$1.50	\$16,500.00	\$1.40	\$15,400.00
280	Fiber Optic Cable (FOC) Hardware	1	JOB	LUMP SUM	\$18,500.00	LUMP SUM	\$54,000.00	LUMP SUM	\$50,000.00	LUMP SUM	\$52,300.00
281	FOC Testing	1	JOB	LUMP SUM	\$18,800.00	LUMP SUM	\$3,000.00	LUMP SUM	\$3,000.00	LUMP SUM	\$2,950.00
282	5 kV Power Cable, No. 2/0 AWG,3/C, MV-105 Type	3,850	LF	\$24.50	\$94,325.00	\$35.00	\$134,750.00	\$35.00	\$134,750.00	\$31.85	\$122,622.50
283	Cable – Category 6a Bulk Cable	6,000	LF	\$13.00	\$78,000.00	\$2.00	\$12,000.00	\$1.50	\$9,000.00	\$1.55	\$9,300.00
284	Cable – Category 6a Patch Cable (various lengths)	1	JOB	LUMP SUM	\$11,100.00	LUMP SUM	\$1,200.00	LUMP SUM	\$1,400.00	LUMP SUM	\$1,200.00
285	Junction Boxes with Cover Plates	181	EACH	\$145.00	\$26,245.00	\$170.00	\$30,770.00	\$185.00	\$33,485.00	\$180.00	\$32,580.00
286	Pull Box No. 5 with Extension	25	EACH	\$1,180.00	\$29,500.00	\$1,200.00	\$30,000.00	\$1,300.00	\$32,500.00	\$1,200.00	\$30,000.00
287	Pull Box No. 5 with Extension, Traffic Rated	3	EACH	\$1,180.00	\$3,540.00	\$1,500.00	\$4,500.00	\$1,600.00	\$4,800.00	\$1,450.00	\$4,350.00
288	Duct Bank	1	JOB	LUMP SUM	\$995,900.00	LUMP SUM	\$240,000.00	LUMP SUM	\$275,000.00	LUMP SUM	\$235,000.00
289	3/4 Inch Diameter Rigid Metal Conduit (RMC)	200	LF	\$17.00	\$3,400.00	\$19.00	\$3,800.00	\$20.00	\$4,000.00	\$17.05	\$3,410.00
290	1-1/2 Inch Diameter Rigid Metal Conduit (RMC)	130	LF	\$21.50	\$2,795.00	\$32.00	\$4,160.00	\$33.00	\$4,290.00	\$28.20	\$3,666.00
291	3/4 Inch Diameter Intermediate Metallic Conduit (IMC)	3,350	LF	\$12.00	\$40,200.00	\$18.00	\$60,300.00	\$19.00	\$63,650.00	\$16.10	\$53,935.00
292	1 Inch Diameter Intermediate Metallic Conduit (IMC)	120	LF	\$20.50	\$2,460.00	\$22.00	\$2,640.00	\$23.00	\$2,760.00	\$19.25	\$2,310.00
293	1-1/2 Inch Diameter Intermediate Metallic Conduit (IMC)	110	LF	\$21.00	\$2,310.00	\$25.00	\$2,750.00	\$27.00	\$2,970.00	\$22.60	\$2,486.00
294	2 Inch Diameter Intermediate Metallic Conduit (IMC)	740	LF	\$26.50	\$19,610.00	\$50.00	\$37,000.00	\$54.00	\$39,960.00	\$44.65	\$33,041.00
295	3 Inch Diameter Intermediate Metallic Conduit (IMC)	220	LF	\$54.50	\$11,990.00	\$73.00	\$16,060.00	\$78.00	\$17,160.00	\$65.05	\$14,311.00
296	3/4 Inch PVC Schedule 80 Conduit	135	LF	\$11.00	\$1,485.00	\$7.00	\$945.00	\$10.00	\$1,350.00	\$5.90	\$796.50
297	1 Inch PVC Schedule 80 Conduit	20	LF	\$11.00	\$220.00	\$12.00	\$240.00	\$14.00	\$280.00	\$11.00	\$220.00
298	1-1/2 Inch PVC Schedule 80 Conduit	225	LF	\$12.00	\$2,700.00	\$10.00	\$2,250.00	\$11.00	\$2,475.00	\$9.00	\$2,025.00
299	2 Inch PVC Schedule 80 Conduit	1,030	LF	\$14.00	\$14,420.00	\$17.00	\$17,510.00	\$19.00	\$19,570.00	\$15.30	\$15,759.00
300	3 Inch PVC Schedule 80 Conduit	660	LF	\$30.00	\$19,800.00	\$22.00	\$14,520.00	\$24.00	\$15,840.00	\$19.60	\$12,936.00
301	4 Inch PVC Schedule 80 Conduit	2,020	LF	\$39.00	\$78,780.00	\$31.00	\$62,620.00	\$33.00	\$66,660.00	\$27.35	\$55,247.00
302	3/4 Inch Liquid-tight Flexible Metal Conduit	100	LF	\$24.50	\$2,450.00	\$26.00	\$2,600.00	\$28.00	\$2,800.00	\$23.35	\$2,335.00
303	NEMA-3R Steel Electrical Enclosure 20"x30"x17"	2	EACH	\$6,640.00	\$13,280.00	\$1,300.00	\$2,600.00	\$1,500.00	\$3,000.00	\$1,200.00	\$2,400.00
304	NEMA-3R Steel Electrical Enclosure 12"x12"x4"	4	EACH	\$1,330.00	\$5,320.00	\$350.00	\$1,400.00	\$400.00	\$1,600.00	\$350.00	\$1,400.00
305	Warning Tape	1,350	LF	\$0.98	\$1,323.00	\$3.00	\$4,050.00	\$3.00	\$4,050.00	\$2.00	\$2,700.00
306	Electronic Equipment Enclosures (19 inch Comms Racks at Citrus Pump Station Building)	6	EACH	\$1,990.00	\$11,940.00	\$6,000.00	\$36,000.00	\$6,000.00	\$36,000.00	\$5,800.00	\$34,800.00
307	Wiring Devices	1	JOB	LUMP SUM	\$12,800.00	LUMP SUM	\$37,000.00	LUMP SUM	\$50,000.00	LUMP SUM	\$35,400.00
308	Install Department Furnished 1250 HP Motors for Citrus Pump Station	2	EACH	\$43,600.00	\$87,200.00	\$18,000.00	\$36,000.00	\$12,000.00	\$24,000.00	\$11,350.00	\$22,700.00
309	Install Department Furnished 2250 HP Motors for Citrus Pump Station	2	EACH	\$49,900.00	\$99,800.00	\$18,000.00	\$36,000.00	\$12,000.00	\$24,000.00	\$11,350.00	\$22,700.00
310	Install Department Furnished 2750 HP Motors for Citrus Pump Station	4	EACH	\$61,100.00	\$244,400.00	\$18,000.00	\$72,000.00	\$12,000.00	\$48,000.00	\$11,350.00	\$45,400.00
311	Install Department Furnished Excitation and Automatic Voltage Regulators (AVRs) for Citrus Pump Station (CPS)	6	EACH	\$3,790.00	\$22,740.00	\$10,000.00	\$60,000.00	\$11,000.00	\$66,000.00	\$12,750.00	\$76,500.00
312	Install Department Furnished Variable Frequency Drives (VFDs) for Citrus Pump Station (CPS)	2	EACH	\$7,210.00	\$14,420.00	\$17,000.00	\$34,000.00	\$20,000.00	\$40,000.00	\$17,100.00	\$34,200.00

BID DATE: FEBRUARY 5, 2015
 TIME: 2:00:00
 PLACE: SACRAMENTO
 SPEC.#14-21
 CONTRACT #C51502

SUMMARY OF BIDS RECEIVED FOR

CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION,
 CITRUS PUMP STATION – COMPLETION, AND
 ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION
 CALIFORNIA AQUEDUCT
 SAN BERNARDINO AND RIVERSIDE COUNTIES
 CALIFORNIA

**STATE OF CALIFORNIA
 CALIFORNIA NATURAL RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES**

No. Addendums:				ENGINEER'S ESTIMATE		L.H. WOODS & SONS, INC. 2115 LA MIRADA DRIVE VISTA, CA 92081 (760) 599-5500		USS CAL BUILDERS INC 8051 MAIN ST STANTON, CA 90680 (714) 828-4882		PULICE CONSTRUCTION INC 591 CAMINO DE LA REINA STE 1250 SAN DIEGO, CA 92108 (619) 814-3702	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
313	Install Department Furnished Condition Monitoring Systems (CMSs) for Citrus Pump Station (CPS)	8	EACH	\$6,310.00	\$50,480.00	\$5,000.00	\$40,000.00	\$6,000.00	\$48,000.00	\$5,200.00	\$41,600.00
314	Diesel Engine Generator Set	1	JOB	LUMP SUM	\$280,500.00	LUMP SUM	\$180,000.00	LUMP SUM	\$200,000.00	LUMP SUM	\$174,700.00
315	125 Volt DC Battery System for Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$158,000.00	LUMP SUM	\$175,000.00	LUMP SUM	\$154,150.00
316	Minus 48 Volt dc (Vdc) Power System at Citrus Pump Station Office Building	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$10,000.00	LUMP SUM	\$10,000.00	LUMP SUM	\$9,550.00
317	Reduced Size Minus 48 Volt dc (Vdc) Power System at Citrus Pump Station Building	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$10,000.00	LUMP SUM	\$12,000.00	LUMP SUM	\$9,550.00
318	Dry Type Transformer 5kVA, 480-240/120V	2	EACH	\$4,030.00	\$8,060.00	\$4,000.00	\$8,000.00	\$5,000.00	\$10,000.00	\$3,850.00	\$7,700.00
319	Dry Type Transformer 75kVA, 480-240/120V	1	EACH	\$18,300.00	\$18,300.00	\$6,000.00	\$6,000.00	\$7,500.00	\$7,500.00	\$6,100.00	\$6,100.00
320	Install Department Furnished 115 kV-4.16 kV Power Transformer for Citrus Pump Station (CPS)	2	EACH	\$57,600.00	\$115,200.00	\$200,000.00	\$400,000.00	\$200,000.00	\$400,000.00	\$199,050.00	\$398,100.00
321	Install Department Furnished High Voltage Equipment for Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$114,000.00	LUMP SUM	\$205,000.00	LUMP SUM	\$200,000.00	LUMP SUM	\$204,600.00
322	115 kV Switchyard Materials for Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$228,000.00	LUMP SUM	\$351,664.00	LUMP SUM	\$2,400,000.00	LUMP SUM	\$807,600.00
323	336.4 Kcmil (Linnet) ACSR for Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$20,400.00	LUMP SUM	\$70,000.00	LUMP SUM	\$70,000.00	LUMP SUM	\$70,800.00
324	Install Department Furnished 5 kV Switchgear for Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$122,000.00	LUMP SUM	\$65,000.00	LUMP SUM	\$79,000.00	LUMP SUM	\$63,750.00
325	Nonsegregated 3 Phase Bus for Citrus Pump Station (CPS)	440	LF	\$307.00	\$135,080.00	\$2,300.00	\$1,012,000.00	\$2,400.00	\$1,056,000.00	\$2,306.00	\$1,014,640.00
326	Station Service Unit Substation for Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$178,700.00	LUMP SUM	\$900,000.00	LUMP SUM	\$900,000.00	LUMP SUM	\$885,600.00
327	Station Service Unit Substation Tools, Accessories, and Spare Parts for Citrus Pump Station (CPS)	1	JOB	LUMP SUM	\$58,200.00	LUMP SUM	\$14,000.00	LUMP SUM	\$15,000.00	LUMP SUM	\$13,150.00
328	Fused Heavy Duty Disconnect Switches 400A	1	EACH	\$4,840.00	\$4,840.00	\$3,000.00	\$3,000.00	\$3,300.00	\$3,300.00	\$2,850.00	\$2,850.00
329	Safety Disconnect Switches 200A	1	EACH	\$3,120.00	\$3,120.00	\$1,300.00	\$1,300.00	\$1,450.00	\$1,450.00	\$1,250.00	\$1,250.00
330	Safety Disconnect Switches 100A	3	EACH	\$1,480.00	\$4,440.00	\$1,000.00	\$3,000.00	\$1,200.00	\$3,600.00	\$980.00	\$2,940.00
331	Safety Disconnect Switches 60A	10	EACH	\$1,420.00	\$14,200.00	\$850.00	\$8,500.00	\$1,000.00	\$10,000.00	\$810.00	\$8,100.00
332	Safety Disconnect Switches 30A	8	EACH	\$1,030.00	\$8,240.00	\$300.00	\$2,400.00	\$3,000.00	\$24,000.00	\$260.00	\$2,080.00
333	Motor Control Center at Citrus Pump Station (CPS)	1	EACH	\$31,200.00	\$31,200.00	\$60,000.00	\$60,000.00	\$66,000.00	\$66,000.00	\$58,800.00	\$58,800.00
334	Panelboard 1 Phase, 125 Vdc	5	EACH	\$2,810.00	\$14,050.00	\$4,500.00	\$22,500.00	\$6,000.00	\$30,000.00	\$4,500.00	\$22,500.00
335	Panelboard 3 Phase, 208/120 Vac	9	EACH	\$4,090.00	\$36,810.00	\$1,800.00	\$16,200.00	\$2,000.00	\$18,000.00	\$1,730.00	\$15,570.00
336	Panelboard 3 Phase, 480/277 Vac	4	EACH	\$4,640.00	\$18,560.00	\$4,500.00	\$18,000.00	\$5,000.00	\$20,000.00	\$4,300.00	\$17,200.00
337	Indoor and Outdoor Lighting	1	JOB	LUMP SUM	\$93,700.00	LUMP SUM	\$310,000.00	LUMP SUM	\$350,000.00	LUMP SUM	\$296,300.00
338	Training Program for the Citrus Pump Station	10	DAY	\$1,910.00	\$19,100.00	\$3,200.00	\$32,000.00	\$3,500.00	\$35,000.00	\$3,020.00	\$30,200.00
339	Ethernet Patch Panels	2	EACH	\$476.00	\$952.00	\$5,200.00	\$10,400.00	\$6,000.00	\$12,000.00	\$5,000.00	\$10,000.00
340	RJ45 Data Jacks	1	JOB	LUMP SUM	\$6,210.00	LUMP SUM	\$2,823.00	LUMP SUM	\$300.00	LUMP SUM	\$125.00
	SUBTOTAL				\$14,756,000.00		\$19,486,165.00 x		\$19,327,500.00 x		\$19,716,569.00 x
CHERRY VALLEY PUMP STATION ADDITIONAL UNIT											
341	Temporary Traffic Control	1	JOB	LUMP SUM	\$39,974.00	LUMP SUM	\$1,500.00	LUMP SUM	\$5,000.00	LUMP SUM	\$100.00
342	Sleeve Type Couplings 30 Inch	1	EACH	\$4,090.00	\$4,090.00	\$11,000.00	\$11,000.00	\$14,000.00	\$14,000.00	\$2,200.00	\$2,200.00
343	Sleeve Type Couplings 16 Inch	1	EACH	\$1,880.00	\$1,880.00	\$4,500.00	\$4,500.00	\$8,000.00	\$8,000.00	\$1,450.00	\$1,450.00
344	Pump Barrel Concrete	15	CY	\$1,970.00	\$29,550.00	\$750.00	\$11,250.00	\$1,000.00	\$15,000.00	\$280.00	\$4,200.00
345	Concrete	1	CY	\$4,090.00	\$4,090.00	\$6,000.00	\$6,000.00	\$3,500.00	\$3,500.00	\$1,200.00	\$1,200.00
346	Combination Air Valve Assembly (4 Inch)	1	EACH	\$9,110.00	\$9,110.00	\$8,000.00	\$8,000.00	\$12,000.00	\$12,000.00	\$5,800.00	\$5,800.00
346a	Combination Air Valve Assembly (6 Inch)	1	EACH	\$9,110.00	\$9,110.00	\$11,000.00	\$11,000.00	\$17,000.00	\$17,000.00	\$7,850.00	\$7,850.00
347	Combination Air Valve Spare Parts	1	JOB	LUMP SUM	\$5,120.00	LUMP SUM	\$3,000.00	LUMP SUM	\$5,000.00	LUMP SUM	\$3,150.00
348	Removal of Existing Equipment at Cherry Valley Pump Station (CVPS)	1	JOB	LUMP SUM	\$54,600.00	LUMP SUM	\$22,000.00	LUMP SUM	\$50,000.00	LUMP SUM	\$29,500.00
349	Instrumentation	1	JOB	LUMP SUM	\$94,400.00	LUMP SUM	\$7,000.00	LUMP SUM	\$6,000.00	LUMP SUM	\$6,620.00
350	Panel Work at Cherry Valley Pump Station (CVPS)	1	JOB	LUMP SUM	\$70,100.00	LUMP SUM	\$400,000.00	LUMP SUM	\$400,000.00	LUMP SUM	\$402,950.00
351	Spare Parts and Tools	1	JOB	LUMP SUM	\$17,500.00	LUMP SUM	\$24,000.00	LUMP SUM	\$20,000.00	LUMP SUM	\$24,200.00
352	Cherry Valley Pump Station Programmable Logic Controllers (PLCs)	3	EACH	\$21,900.00	\$65,700.00	\$70,000.00	\$210,000.00	\$75,000.00	\$225,000.00	\$71,100.00	\$213,300.00
353	Spare PLC Tools and Parts	1	JOB	LUMP SUM	\$12,400.00	LUMP SUM	\$30,000.00	LUMP SUM	\$25,000.00	LUMP SUM	\$3,050.00
354	Security System – Cherry Valley Pump Station	1	JOB	LUMP SUM	\$43,700.00	LUMP SUM	\$105,000.00	LUMP SUM	\$110,000.00	LUMP SUM	\$105,800.00
355	Security System – Garden Air Creek Valve Facility	1	JOB	LUMP SUM	\$22,000.00	LUMP SUM	\$60,000.00	LUMP SUM	\$60,000.00	LUMP SUM	\$58,300.00
356	Install Department Furnished 9,000 GPM Pump	1	EACH	\$126,000.00	\$126,000.00	\$65,000.00	\$65,000.00	\$25,000.00	\$25,000.00	\$32,250.00	\$32,250.00
357	Install Department Furnished Valve Assemblies	1	JOB	LUMP SUM	\$5,360.00	LUMP SUM	\$17,000.00	LUMP SUM	\$60,000.00	LUMP SUM	\$36,650.00

BID DATE: FEBRUARY 5, 2015
 TIME: 2:00:00
 PLACE: SACRAMENTO
 SPEC.#14-21
 CONTRACT #C51502

SUMMARY OF BIDS RECEIVED FOR

CRAFTON HILLS PUMP STATION EXPANSION – COMPLETION,
 CITRUS PUMP STATION – COMPLETION, AND
 ADDITIONAL UNIT AT CHERRY VALLEY PUMP STATION
 CALIFORNIA AQUEDUCT
 SAN BERNARDINO AND RIVERSIDE COUNTIES
 CALIFORNIA

**STATE OF CALIFORNIA
 CALIFORNIA NATURAL RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES**

No. Addendums:				ENGINEER'S ESTIMATE		L.H. WOODS & SONS, INC. 2115 LA MIRADA DRIVE VISTA, CA 92081 (760) 599-5500		USS CAL BUILDERS INC 8051 MAIN ST STANTON, CA 90680 (714) 828-4882		PULICE CONSTRUCTION INC 591 CAMINO DE LA REINA STE 1250 SAN DIEGO, CA 92108 (619) 814-3702	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
358	Piping, Tubing, Fittings, and Appurtenances	1	JOB	LUMP SUM	\$19,500.00	LUMP SUM	\$70,000.00	LUMP SUM	\$40,000.00	LUMP SUM	\$233,700.00
359	6 Inch ANSI Class 150 Butterfly Valve with Manual Actuator	1	EACH	\$8,890.00	\$8,890.00	\$7,000.00	\$7,000.00	\$5,000.00	\$5,000.00	\$7,400.00	\$7,400.00
360	4 Inch ANSI Class 150 Butterfly Valve with Manual Actuator	1	EACH	\$3,500.00	\$3,500.00	\$5,200.00	\$5,200.00	\$6,500.00	\$6,500.00	\$5,400.00	\$5,400.00
361	Miscellaneous Valves	1	JOB	LUMP SUM	\$49,600.00	LUMP SUM	\$6,000.00	LUMP SUM	\$40,000.00	LUMP SUM	\$5,450.00
362	Valve Spare Parts	1	JOB	LUMP SUM	\$38,900.00	LUMP SUM	\$2,000.00	LUMP SUM	\$1,500.00	LUMP SUM	\$2,050.00
363	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Electrician)	94	HR	\$131.00	\$12,314.00	\$140.00	\$13,160.00	\$150.00	\$14,100.00	\$129.00	\$12,126.00
363a	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Electrician NETA Certified)	31	HR	\$161.00	\$4,991.00	\$200.00	\$6,200.00	\$220.00	\$6,820.00	\$193.00	\$5,983.00
363b	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Mechanics)	38	HR	\$138.00	\$5,244.00	\$170.00	\$6,460.00	\$230.00	\$8,740.00	\$107.00	\$4,066.00
363c	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Millwrights)	63	HR	\$133.00	\$8,379.00	\$140.00	\$8,820.00	\$230.00	\$14,490.00	\$135.00	\$8,505.00
363d	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Pipe Fitters)	15	HR	\$140.00	\$2,100.00	\$140.00	\$2,100.00	\$230.00	\$3,450.00	\$86.00	\$1,290.00
363e	Services of Technical Personnel and Manufacturers' Representatives for Site Acceptance Testing and Field Acceptance Testing (Manufacturer Representatives)	10	HR	\$558.00	\$5,580.00	\$280.00	\$2,800.00	\$300.00	\$3,000.00	\$258.00	\$2,580.00
364	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Electrician)	280	HR	\$131.00	\$36,680.00	\$140.00	\$39,200.00	\$150.00	\$42,000.00	\$129.00	\$36,120.00
364a	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Electrician NETA Certified)	94	HR	\$161.00	\$15,134.00	\$200.00	\$18,800.00	\$220.00	\$20,680.00	\$193.00	\$18,142.00
364b	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Mechanics)	113	HR	\$138.00	\$15,594.00	\$170.00	\$19,210.00	\$230.00	\$25,990.00	\$107.00	\$12,091.00
364c	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Millwrights)	188	HR	\$133.00	\$25,004.00	\$140.00	\$26,320.00	\$230.00	\$43,240.00	\$135.00	\$25,380.00
364d	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Pipe Fitters)	45	HR	\$140.00	\$6,300.00	\$140.00	\$6,300.00	\$230.00	\$10,350.00	\$86.00	\$3,870.00
364e	Services of Technical Personnel and Manufacturers' Representatives for Start-Up and System Level Testing (Manufacturer Representatives)	30	HR	\$295.00	\$8,850.00	\$280.00	\$8,400.00	\$300.00	\$9,000.00	\$258.00	\$7,740.00
365	Cable – No. 16 AWG, 1 Pair, Instrumentation Cable, Type I	280	LF	\$4.70	\$1,316.00	\$2.00	\$560.00	\$2.00	\$560.00	\$1.75	\$490.00
366	Cable – No. 14 AWG, 1 Pair, Control Cable	325	LF	\$4.20	\$1,365.00	\$2.00	\$650.00	\$2.00	\$650.00	\$1.80	\$585.00
367	Cable – No. 14 AWG, 5 Conductor, Control Cable	335	LF	\$5.90	\$1,976.50	\$5.00	\$1,675.00	\$4.00	\$1,340.00	\$4.20	\$1,407.00
368	Insulated Wire for 480V VFD Circuit – No. 350 MCM, Solid Copper XHHW-VW1	280	LF	\$14.50	\$4,060.00	\$69.00	\$19,320.00	\$71.00	\$19,880.00	\$61.15	\$17,122.00
369	VFD Cable – No. 500 MCM Shielded	280	LF	\$27.50	\$7,700.00	\$100.00	\$28,000.00	\$100.00	\$28,000.00	\$87.55	\$24,514.00
370	Insulated Wire for 120V Circuits – No. 12 AWG, Solid Copper, XHHW-VW1 Insulated	260	LF	\$5.40	\$1,404.00	\$2.00	\$520.00	\$2.00	\$520.00	\$1.55	\$403.00
371	Insulated Wire for 120V Circuits – No. 10 AWG, Solid Copper, XHHW-VW1 Insulated	150	LF	\$5.40	\$810.00	\$2.00	\$300.00	\$2.00	\$300.00	\$1.70	\$255.00
372	No. 16 AWG, Instrumentation Cable, 1 Triad, Type IV	685	LF	\$7.10	\$4,863.50	\$3.00	\$2,055.00	\$2.50	\$1,712.50	\$2.20	\$1,507.00
373	No. 16 AWG, Instrumentation Cable, 2 Triad, Type IV	150	LF	\$9.70	\$1,455.00	\$4.00	\$600.00	\$3.50	\$525.00	\$3.00	\$450.00
374	Fiber Optic Cable (FOC) Hardware	1	JOB	LUMP SUM	\$14,600.00	LUMP SUM	\$18,000.00	LUMP SUM	\$5,800.00	LUMP SUM	\$17,500.00
375	ST Panel Replacement	1	JOB	LUMP SUM	\$21,400.00	LUMP SUM	\$3,400.00	LUMP SUM	\$5,800.00	LUMP SUM	\$3,400.00
376	FOC Testing	1	JOB	LUMP SUM	\$15,000.00	LUMP SUM	\$2,000.00	LUMP SUM	\$2,000.00	LUMP SUM	\$2,000.00
377	Cable – Category 6a Bulk Cable	230	LF	\$13.00	\$2,990.00	\$2.00	\$460.00	\$2.00	\$460.00	\$1.80	\$414.00
378	Cables – Category 6a Patch Cables (various lengths)	1	JOB	LUMP SUM	\$11,100.00	LUMP SUM	\$1,300.00	LUMP SUM	\$1,200.00	LUMP SUM	\$1,200.00
379	Cable – No. 14 AWG, Single Conductor RG11 Coaxial Cable	175	LF	\$3.00	\$525.00	\$5.00	\$875.00	\$5.00	\$875.00	\$4.60	\$805.00
380	Cable – No. 18 AWG, Single Conductor RG6 Coaxial Cable	70	LF	\$3.70	\$259.00	\$3.00	\$210.00	\$3.00	\$210.00	\$2.70	\$189.00
381	4 Inch Diameter Intermediate Metallic Conduit (IMC)	130	LF	\$78.00	\$10,140.00	\$84.00	\$10,920.00	\$80.00	\$10,400.00	\$74.60	\$9,698.00
382	Pull Box 42"x42"x12" (minimum)	2	EACH	\$3,680.00	\$7,360.00	\$4,000.00	\$8,000.00	\$4,000.00	\$8,000.00	\$3,550.00	\$7,100.00
383	Electronic Equipment Enclosures – PLC Cubicle CSA	1	EACH	\$21,000.00	\$21,000.00	\$2,252.00	\$2,252.00	\$19,000.00	\$19,000.00	\$17,600.00	\$17,600.00
384	Install Department Furnished Motors for Cherry Valley Pump Station (CVPS)	1	EACH	\$26,200.00	\$26,200.00	\$18,649.00	\$18,649.00	\$15,000.00	\$15,000.00	\$6,600.00	\$6,600.00
385	Install Department Furnished Variable Frequency Drives (VFDs) for Cherry Valley Pump Station (CVPS)	1	EACH	\$7,210.00	\$7,210.00	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00	\$3,300.00	\$3,300.00

No. Addendums:				ENGINEER'S ESTIMATE		L.H. WOODS & SONS, INC. 2115 LA MIRADA DRIVE VISTA, CA 92081 (760) 599-5500		USS CAL BUILDERS INC 8051 MAIN ST STANTON, CA 90680 (714) 828-4882		PULICE CONSTRUCTION INC 591 CAMINO DE LA REINA STE 1250 SAN DIEGO, CA 92108 (619) 814-3702	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
386	Replace Minus 48 Volt dc (Vdc) Power System at Cherry Valley Pump Station (CVPS)	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$12,000.00	LUMP SUM	\$12,000.00	LUMP SUM	\$11,300.00
387	Reduced Size Minus 48 Volt dc (Vdc) Power System at Garden Air Creek Valve Facility	1	JOB	LUMP SUM	\$21,000.00	LUMP SUM	\$12,000.00	LUMP SUM	\$12,000.00	LUMP SUM	\$11,300.00
388	Safety Disconnect Switches 200A	1	EACH	\$3,120.00	\$3,120.00	\$1,300.00	\$1,300.00	\$1,500.00	\$1,500.00	\$1,300.00	\$1,300.00
389	Safety Disconnect Switches 60A	1	EACH	\$1,420.00	\$1,420.00	\$700.00	\$700.00	\$800.00	\$800.00	\$670.00	\$670.00
390	Motor Control Center (MCC) Unit 4 Breaker Assembly for Cherry Valley Pump Station (CVPS)	1	JOB	LUMP SUM	\$31,200.00	LUMP SUM	\$8,000.00	LUMP SUM	\$8,000.00	LUMP SUM	\$7,350.00
391	Spare Parts for MCC Unit 4 Breaker Assembly	1	JOB	LUMP SUM	\$2,880.00	LUMP SUM	\$4,200.00	LUMP SUM	\$4,000.00	LUMP SUM	\$3,950.00
392	Training Program For Programmable Logic Controllers (PLCs)	10	DAY	\$1,910.00	\$19,100.00	\$2,258.00	\$22,580.00	\$10,000.00	\$100,000.00	\$10,900.00	\$109,000.00
393	Modbus TCP Gateway	1	EACH	\$4,770.00	\$4,770.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$3,900.00	\$3,900.00
394	Spare Modbus TCP Gateway	1	EACH	\$3,370.00	\$3,370.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$3,900.00	\$3,900.00
395	Ethernet Patch Panels	2	EACH	\$476.00	\$952.00	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00
396	RJ45 Data Jacks	1	JOB	LUMP SUM	\$6,210.00	LUMP SUM	\$1,689.00	LUMP SUM	\$120.00	LUMP SUM	\$125.00
SUBTOTAL					\$1,159,000.00		\$1,447,935.00		\$1,638,012.50		\$1,609,797.00 x
Total					\$21,900,000.00		\$26,993,488.00 x		\$27,560,802.50 x		\$27,714,092.00 x
Guarantee						TEN PERCENT (10%) OF TOTAL AMOUNT BID		TEN PERCENT (10%) OF TOTAL AMOUNT BID		TEN PERCENT (10%) OF TOTAL AMOUNT BID	
Surety						WESTERN SURETY COMPANY		ARCH INSURANCE COMPANY		LIBERTY MUTUAL INSURANCE COMPANY	
Comments X Denotes corrected figure											

\$21,900,000.00	\$26,993,488.00	\$27,560,802.50
10%	23.26%	25.85%
\$24,090,000.00		