

Kern Fan Groundwater Storage Project

RESPONSE TO DEC REVIEW FINDINGS

Exhibit E: Stockdale West Bid Summary

July 1, 2020



Item No.	Description	Qty	Unit	Engineer's Estimate		1 W.M. Lyles Temecula, CA		2 Specialty Construction, Inc. San Luis Obispo, CA		3 Pacific Hydrotech Perris, CA		4 Steve P. Rados, Inc. Santa Ana, CA	
				Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
47	Conduct casing thickness inspection measurement of existing agricultural well	1	LS	\$3,200.00	\$3,200.00	\$13,200.00	\$13,200.00	\$13,000.00	\$13,000.00	\$14,218.00	\$14,218.00	\$3,500.00	\$3,500.00
48	Mobilize, install, and demobilize test pumping equipment within agricultural well	1	LS	\$24,800.00	\$24,800.00	\$19,800.00	\$19,800.00	\$20,000.00	\$20,000.00	\$21,330.00	\$21,330.00	\$20,500.00	\$20,500.00
49	Conduct step-drawdown pumping test in agricultural well	1	LS	\$4,800.00	\$4,800.00	\$4,400.00	\$4,400.00	\$4,300.00	\$4,300.00	\$4,744.00	\$4,744.00	\$24,000.00	\$24,000.00
50	Conduct constant-rate pumping test in agricultural well	28	HRS	\$600.00	\$16,800.00	\$551.00	\$15,428.00	\$543.00	\$15,204.00	\$593.00	\$16,604.00	\$375.00	\$10,500.00
51	Conduct final well disinfection in agricultural well	1	LS	\$5,500.00	\$5,500.00	\$8,800.00	\$8,800.00	\$8,700.00	\$8,700.00	\$9,500.00	\$9,500.00	\$8,500.00	\$8,500.00
Base Bid Subtotal- Schedule B					\$2,678,678.00		\$3,179,908.90		\$3,114,252.00		\$3,404,444.00		\$3,483,885.00
Bid Schedule C - Wellhead Equipping and Conveyance Facilities													
52	Construct site work	1	LS	\$110,000.00	\$110,000.00	\$322,900.00	\$322,900.00	\$417,000.00	\$417,000.00	\$178,500.00	\$178,500.00	\$270,000.00	\$270,000.00
53	Furnish and install yard piping, mechanical piping and appurtenances	1	LS	\$30,600.00	\$30,600.00	\$135,800.00	\$135,800.00	\$161,000.00	\$161,000.00	\$162,800.00	\$162,800.00	\$145,000.00	\$145,000.00
54	Furnish and install conveyance piping and appurtenances	1	LS	\$478,000.00	\$478,000.00	\$514,300.00	\$514,300.00	\$400,000.00	\$400,000.00	\$734,500.00	\$734,500.00	\$1,000,000.00	\$1,000,000.00
55	Furnish and install vertical turbine well pumps, pump base, etc.	1	LS	\$837,630.00	\$837,630.00	\$764,000.00	\$764,000.00	\$738,000.00	\$738,000.00	\$825,400.00	\$825,400.00	\$1,100,000.00	\$1,100,000.00
56	Furnish and install well enclosures and appurtenances	1	LS	\$12,000.00	\$12,000.00	\$58,800.00	\$58,800.00	\$44,000.00	\$44,000.00	\$154,500.00	\$154,500.00	\$290,000.00	\$290,000.00
57	Construct berm crossing	1	LS	\$242,000.00	\$242,000.00	\$153,100.00	\$153,100.00	\$76,000.00	\$76,000.00	\$108,100.00	\$108,100.00	\$90,000.00	\$90,000.00
58	Furnish and install electrical facilities and instrumentation	1	LS	\$473,700.00	\$473,700.00	\$976,800.00	\$976,800.00	\$1,161,500.00	\$1,161,500.00	\$1,209,500.00	\$1,209,500.00	\$1,000,000.00	\$1,000,000.00
59	Furnish and install pre-fabricated metal canopy	1	LS	\$81,432.00	\$81,432.00	\$201,500.00	\$201,500.00	\$92,000.00	\$92,000.00	\$228,500.00	\$228,500.00	\$200,000.00	\$200,000.00
60	Furnish and install manhole junction	1	LS	\$11,852.00	\$11,852.00	\$23,500.00	\$23,500.00	\$23,000.00	\$23,000.00	\$14,500.00	\$14,500.00	\$45,000.00	\$45,000.00
61	Furnish and install manhole junction at existing CVC Return Line	1	LS	\$23,704.00	\$23,704.00	\$36,100.00	\$36,100.00	\$47,000.00	\$47,000.00	\$24,200.00	\$24,200.00	\$45,000.00	\$45,000.00
62	Furnish and install reinforced concrete pipe	1	LS	\$106,038.00	\$106,038.00	\$151,100.00	\$151,100.00	\$140,000.00	\$140,000.00	\$139,100.00	\$139,100.00	\$1,414,000.00	\$1,414,000.00
Base Bid Subtotal- Schedule C					\$2,406,956.00		\$3,337,900.00		\$3,299,500.00		\$3,779,600.00		\$5,599,000.00
Bid Schedule D - Cross Valley Canal Turnout													
63	Cofferdam Mobilization, Installation, Dewatering, and Demobilization	1	LS	\$125,000.00	\$125,000.00	\$209,500.00	\$209,500.00	\$235,000.00	\$235,000.00	\$148,100.00	\$148,100.00	\$25,000.00	\$25,000.00
64	Furnish and install reinforced concrete turnout structure and appurtenances	1	LS	\$305,000.00	\$305,000.00	\$240,700.00	\$240,700.00	\$205,000.00	\$205,000.00	\$185,700.00	\$185,700.00	\$320,000.00	\$320,000.00
65	Furnish and install 60" diameter slide gate with electrical actuator at turnout structure	1	EA	\$75,000.00	\$75,000.00	\$31,600.00	\$31,600.00	\$35,000.00	\$35,000.00	\$20,100.00	\$20,100.00	\$150,000.00	\$150,000.00
66	Furnish and install 60" diameter C361 D50 RCP	1,250	LF	\$888.40	\$1,110,500.00	\$728.00	\$910,000.00	\$930.00	\$1,162,500.00	\$833.00	\$1,041,250.00	\$1,267.00	\$1,583,750.00
67	Furnish and install five reinforced concrete cutoff walls/slope anchors	7	EA	\$11,428.57	\$79,999.99	\$5,700.00	\$39,900.00	\$7,700.00	\$53,900.00	\$7,540.00	\$52,780.00	\$10,000.00	\$70,000.00
68	Furnish and install reinforced concrete outlet control structure and appurtenances	1	LS	\$132,387.50	\$132,387.50	\$133,100.00	\$133,100.00	\$140,000.00	\$140,000.00	\$79,700.00	\$79,700.00	\$80,000.00	\$80,000.00
69	Furnish and install 60" diameter fabricated stainless steel slide gate	1	EA	\$50,000.00	\$50,000.00	\$22,000.00	\$22,000.00	\$25,000.00	\$25,000.00	\$27,900.00	\$27,900.00	\$35,000.00	\$35,000.00
70	Furnish and install 48" diameter C361 D50 RCP	48	LF	\$807.29	\$38,749.92	\$782.00	\$37,536.00	\$1,450.00	\$69,600.00	\$972.00	\$46,656.00	\$1,500.00	\$72,000.00
71	Furnish and install basin No.15 turnout structure and appurtenances	1	LS	\$101,250.00	\$101,250.00	\$125,300.00	\$125,300.00	\$130,000.00	\$130,000.00	\$85,600.00	\$85,600.00	\$80,000.00	\$80,000.00
72	Furnish and install 48" diameter fabricated stainless steel slide gate at basin No. 15	1	LS	\$35,000.00	\$35,000.00	\$16,600.00	\$16,600.00	\$18,500.00	\$18,500.00	\$13,400.00	\$13,400.00	\$25,000.00	\$25,000.00
73	Furnish and install Accusonic flow meter and appurtenances	1	EA	\$60,000.00	\$60,000.00	\$86,800.00	\$86,800.00	\$79,000.00	\$79,000.00	\$102,500.00	\$102,500.00	\$57,000.00	\$57,000.00
74	Furnish and install Agriflo Ultrasonic flow meter and appurtenances	1	EA	\$35,000.00	\$35,000.00	\$28,800.00	\$28,800.00	\$18,100.00	\$18,100.00	\$12,300.00	\$12,300.00	\$10,000.00	\$10,000.00
75	Furnish and install electrical and controls	1	LS	\$170,000.00	\$170,000.00	\$284,700.00	\$284,700.00	\$98,000.00	\$98,000.00	\$177,300.00	\$177,300.00	\$200,000.00	\$200,000.00
76	Furnish fabricated steel stop log	1	LS	\$60,000.00	\$60,000.00	\$41,900.00	\$41,900.00	\$24,000.00	\$24,000.00	\$43,000.00	\$43,000.00	\$30,000.00	\$30,000.00
Base Bid Subtotal- Schedule D					\$2,377,887.41		\$2,208,436.00		\$2,293,600.00		\$2,036,286.00		\$2,737,750.00
Additive Bid Items													
A-1	Destruction of the pilot borehole or new well	3,340	lf	\$2.50	\$8,350.00	\$18.00	\$60,120.00	\$18.00	\$60,120.00	\$19.00	\$63,460.00	\$10.00	\$33,400.00
SUBTOTAL, Base Bid Items: Bid Schedule A, Bid Schedule B, Bid Schedule C, Bid Schedule D and Additive Bid Items					\$7,800,000.00		\$9,406,664.90		\$9,460,972.00		\$10,017,390.00		\$12,789,035.00
Adjustment (+ or -)					\$0.00		-\$62,700.00		-\$35,000.00		\$0.00		\$0.00
Total Amount of Bid					\$7,800,000.00		\$9,343,964.90		\$9,425,972.00		\$10,017,390.00		\$12,789,035.00

				1		2		3		4			
				Engineer's Estimate		W.M. Lyles Temecula, CA		Specialty Construction, Inc. San Luis Obispo, CA		Pacific Hydrotech Perris, CA		Steve P. Rados, Inc. Santa Ana, CA	
Item No.	Description	Qty	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
						Manufacturers:		Manufacturers:		Manufacturers:		Manufacturers:	
	*Specialty Construction - Bid Item #23 - Multiplication Error on Bid. Totaled correctly at bottom of bid.					Vertical Turbine Pump: Flowserve		Vertical Turbine Pump: Flowserve		Vertical Turbine Pump: Flowserve		Vertical Turbine Pump: Flowserve	
						Motor for Vertical Turbine Pump: US Motors		Motor for Vertical Turbine Pump: US Motors		Motor for Vertical Turbine Pump: US Motors		Motor for Vertical Turbine Pump: US Motors	
	**Pacific Hydrotech - Bid Item #31 - Multiplication Error on Bid. Totaled correctly on bottom of bid.					Propeller Meter: Micrometer		Propeller Meter: Micrometer		Propeller Meter: Micrometer		Propeller Meter: Micrometer	
						Modulating Ball Valve: Pratt		Modulating Ball Valve: Pratt		Modulating Ball Valve: Pratt		Modulating Ball Valve: Pratt	
						Well Enclosure: Global Fabricators		Well Enclosure: American Fabrication		Well Enclosure: Paramount Metals		Well Enclosure: Paramount Metals	
						Pre-Fabricated Steel MCC Enclosure: Varco Pruden		Pre-Fabricated Steel MCC Enclosure: Diversified Hanger		Pre-Fabricated Steel MCC Enclosure: Butler		Pre-Fabricated Steel MCC Enclosure: Paramount	
						Switchboards: Square D		Switchboards: Allen Bradley		Switchboards: Cutler Hammer		Switchboards: Tesco	
						Solid State Motor Control: Allen Bradley		Solid State Motor Control: Allen Bradley		Solid State Motor Control: Allen Bradley		Solid State Motor Control: Tesco	
						High Strength Low Alloy Blank Well Casing: Roscoe-Moss		High Strength Low Alloy Blank Well Casing: Roscoe-Moss		High Strength Low Alloy Blank Well Casing: Roscoe-Moss		High Strength Low Alloy Blank Well Casing: Roscoe-Moss	
						High Strength Low Alloy Louvered Well Screen: Roscoe-Moss		High Strength Low Alloy Louvered Well Screen: Roscoe-Moss		High Strength Low Alloy Louvered Well Screen: Roscoe-Moss		High Strength Low Alloy Louvered Well Screen: Roscoe-Moss	
						Reinforced Concrete Pipe: Forterra Pipe		Reinforced Concrete Pipe: Piranha Pipe Precast		Reinforced Concrete Pipe: Forterra Pipe		Reinforced Concrete Pipe: Piranha Pipe Precast	
						Slide Gates: Western Industries		Slide Gates: Waterman		Slide Gates: Waterman		Slide Gates: Hydro-Gate	
						Accusonic Flow Meter: Accusonic/ADS		Accusonic Flow Meter: Accusonic Manufacturing		Accusonic Flow Meter: Accusonic		Accusonic Flow Meter: Accusonic	
						Programmable Logic Controller (PLC): Allen Bradley		Programmable Logic Controller (PLC): Allen Bradley		Programmable Logic Controller (PLC): Allen Bradley		Programmable Logic Controller (PLC): Tesco	
						Radio: GE		Radio: GE		Radio: GE		Radio: Tesco	
						SCADA Antenna: L-Com		SCADA Antenna: L-Com		SCADA Antenna: L-Com		SCADA Antenna: Tesco	
						Subcontractors:		Subcontractors:		Subcontractors:		Subcontractors:	
						Prefab Erectors: Metal Bldg.		Hydro Resources: Well Drilling		Shook Building Systems: Metal Canopy		Contra Electric: Electrical	
						Journey AC: HVAC		P&J Electric: Electrical		Hydro Resources: Well Drilling		Best Drilling: Wells	
						Union Fence of Kern County: Fence		Gilliam & Sons: Earth Work		Paramount Metal & Supply: Well Enclosure:			
						Alamillo Rebar: Rebar				Leed Electric: Electrical			
						AC Electric Co: Electrical							
						Bakersfield Well & Pump: Wells							