

Bid Summary
Baker Water Treatment Plant, PR 11218 (1417)

Bid Item	Description	Unit	Quantity	Engineer's Estimate RBF Consulting Irvine, CA		1 PCL Construction, Inc. San Marcos, CA		2 J. F. Shea Construction, Inc. Walnut, CA		3 Archer Western Contractors LLC San Diego, CA	
				Unit Price	Total Bid Amount	Unit Price	Total Bid Amount	Unit Price	Total Bid Amount	Unit Price	Total Bid Amount
1	Overall Project: Furnish all labor, materials, equipment, services and appurtenant work, except for Items 3, 4, 5, 6, 7, 8, 13, 14 and 17 below, for the construction of the Baker Water Treatment Plant.	1	LS	\$ 50,880,547.00	\$ 50,880,547.00	\$ 61,544,939.00	\$ 61,544,939.00	\$ 70,524,980.00	\$ 70,524,980.00	\$ 70,530,229.00	\$ 70,530,229.00
2	Mobilization/Demobilization (maximum of 4% of total for Bid Items 1, 9, 10, 11, 12, 15, and 16)	1	LS	\$ 2,075,825.00	\$ 2,075,825.00	\$ 2,500,000.00	\$ 2,500,000.00	\$ 2,500,000.00	\$ 2,500,000.00	\$ 2,900,000.00	\$ 2,900,000.00
3	Membrane Filtration System procurement package (excludes pre-bid item for special engineering services work)	1	LS	\$ 8,479,579.00	\$ 8,479,579.00	\$ 8,479,579.00	\$ 8,479,579.00	\$ 8,479,579.00	\$ 8,479,579.00	\$ 8,479,579.00	\$ 8,479,579.00
4	UV Disinfection System package	1	LS	\$ 889,519.00	\$ 889,519.00	\$ 889,519.00	\$ 889,519.00	\$ 889,519.00	\$ 889,519.00	\$ 889,519.00	\$ 889,519.00
5	Hirsch security system controllers	1	LS	\$ 129,337.00	\$ 129,337.00	\$ 129,337.00	\$ 129,337.00	\$ 129,337.00	\$ 129,337.00	\$ 129,337.00	\$ 129,337.00
6	DN Tank modifications	1	LS	\$ 261,443.00	\$ 261,443.00	\$ 261,443.00	\$ 261,443.00	\$ 261,443.00	\$ 261,443.00	\$ 261,443.00	\$ 261,443.00
7	Pivot Interiors, control room furnishings	1	LS	\$ 52,943.00	\$ 52,943.00	\$ 52,943.00	\$ 52,943.00	\$ 52,943.00	\$ 52,943.00	\$ 52,943.00	\$ 52,943.00
8	Beavens Systems, TCWD Dimension Plant SCADA system integration	1	LS	\$ 29,853.00	\$ 29,853.00	\$ 29,853.00	\$ 29,853.00	\$ 29,853.00	\$ 29,853.00	\$ 29,853.00	\$ 29,853.00
9	Roof top fall arrest system	1	LS	\$ 201,139.00	\$ 201,139.00	\$ 125,000.00	\$ 125,000.00	\$ 100,000.00	\$ 100,000.00	\$ 300,000.00	\$ 300,000.00
10	Project Dewatering (compliance with, NPDES Permit)	1	LS	\$ 48,275.00	\$ 48,275.00	\$ 100,000.00	\$ 100,000.00	\$ 20,000.00	\$ 20,000.00	\$ 50,000.00	\$ 50,000.00
11	Trench and Project Safety Measures, Sheeting, Shoring and Bracing	1	LS	\$ 323,443.00	\$ 323,443.00	\$ 100,000.00	\$ 100,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00
12	Testing, Training, and Facility Startup	1	LS	\$ 386,200.00	\$ 386,200.00	\$ 30,000.00	\$ 30,000.00	\$ 500,000.00	\$ 500,000.00	\$ 200,000.00	\$ 200,000.00
13	Draft and Final Operation & Maintenance Manuals	1	LS	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00
14	Draft and Final Record Drawings	1	LS	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00
15	Erosion Control	1	LS	\$ 33,793.00	\$ 33,793.00	\$ 100,000.00	\$ 100,000.00	\$ 250,000.00	\$ 250,000.00	\$ 137,000.00	\$ 137,000.00
16	System Integration	1	LS	\$ 598,610.00	\$ 598,610.00	\$ 2,000,000.00	\$ 2,000,000.00	\$ 2,000,000.00	\$ 2,000,000.00	\$ 2,000,000.00	\$ 2,000,000.00
17	Water for Testing and Startup	1	LS	\$ 21,000.00	\$ 21,000.00	\$ 21,000.00	\$ 21,000.00	\$ 21,000.00	\$ 21,000.00	\$ 21,000.00	\$ 21,000.00
18	RAMAir HVAC Controls per Section 15900	1	LS	\$ 375,000.00	\$ 375,000.00	\$ 375,000.00	\$ 375,000.00	\$ 375,000.00	\$ 375,000.00	\$ 375,000.00	\$ 375,000.00
SUBTOTAL, Base Bid Items					\$ 65,016,506.00		\$ 76,968,613.00		\$ 86,563,654.00		\$ 86,785,903.00
Alternative Bid Items											
Item No.	Description	Approx. Qty.	Unit Price Dlr./Cts.								
A-1	Builders' Risk Insurance	1	LS	\$ -	\$ -	\$ 552,000.00	\$ 552,000.00	\$ 400,000.00	\$ 400,000.00	\$ 338,528.00	\$ 338,528.00
Subtotal, Alternative Bid Items					\$ -		\$ 552,000.00		\$ 400,000.00		\$ 338,528.00
Subtotal, Base Bid and Alternative Bid Items					\$ 65,016,506.00		\$ 77,520,613.00		\$ 86,963,654.00		\$ 87,124,431.00
ADDITION (+) OR DEDUCTION (-)					\$ -		\$ -		\$ (700,000.00)		\$ -
TOTAL AMOUNT OF BID					\$ 65,016,506.00		\$ 77,520,613.00		\$ 86,263,654.00		\$ 87,124,431.00

	1 PCL Construction, Inc. San Marcos, CA	2 J. F. Shea Construction, Inc. Walnut, CA	3 Archer Western Contractors LLC San Diego, CA
Item - Lead Time for Delivery	<u>Calendar Days</u>	<u>Calendar Days</u>	<u>Calendar Days</u>
Pall Membrane System	214	300	154
Wedeco UV System	228	280	168
Chemical Metering Pumps	140	247	84
Stainless Steel Slide Gates	182	250	168
Membrane Feed Water Strainers	196	245	189
Vertical Shaft Flocculators	168	275	140
Inclined Plate Settlers	140	150	126
Sleeve Valves	238	250	168
Surge Tanks	168	165	140
Bladder Tanks	168	165	140
Medium Duty Submersible Pumps	126	275	140
Stainless Steel Pipe	156	250	154
HDPE Pipe	120	200	120
Magnetic Flow Meters	154	154	154
Membrane Boiler System	140	235	60
Steel Pipe (CML&C, CML&EC, EL&C)	156	250	168
Vertical Turbine Pumps	238	280	182
Variable Frequency Drives	196	196	196
Control Panels with PLC's	220	220	220
MCCs	196	196	196
Automatic Transfer Switches	196	196	196
Switchboards	196	196	196
Generators	230	230	240
Duplex Air Compressor	112	220	84
Water Softener Vessels	172	240	112
Polymer Blending Equipment	126	230	126
Circular Sludge Collectors	252	200	196
Centrifuge Thickening Equipment	280	230	483
Shaftless Screw Conveyors	168	240	140

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Item - List Manufacturer	Item - List Manufacturer	Item - List Manufacturer	Item - List Manufacturer
Membrane System	Pall	Pall	Pall
UV System	Wedeco	Wedeco	Wedeco
04200 Concrete Unit Masonry	Orco Block Co.	Orco Block	Orco Block
07730 Roof Top Fall Arrest System	Flexible Lifeline Systems	Flexible Lifeline	Twin Multi-Span Lifeline Systems
10880 Truck Scale	Cardinal Scale Manufacturing	Mettler Toledo	Twin Flextraxx Systems
11229 Vertical Shaft Flocculators	Philadelphia Mixer	Chemineer	Mettler-Toledo
11246 Polymer Blending Equipment	VeloDyne	Velodyne	Chemineer
11263 Chlorine Dioxide Generation System	Siemens	Siemens-Millennium	Velodyne
11294B Stainless Steel Slide Gates	Waterman	Rodney Hunt	Siemens
11305 Surge Tank	Pulsco	Pulsco	Waterman
11306 Bladder Tank	Pulsco	Pulsco	Pulsco
11312D Vertical Turbine Pumps	ITT (Goulds)	Sulzer Pumps	Pulsco
11312K Medium Duty Submersible Pumps	ABS	Flygt	ITT Goulds
11350 Inclined Plate Settlers	Meurer Research	Jim Meyers & Sons	Flygt
11351 Rectangular Sludge Collectors	Polychem a division of Brentwood Industries	Polychem	MRI
11352 Circular Sludge Collectors	Ovivo/Eimco	Westech	Polychem
11358 Centrifuge Thickening Equipment	Westfalia	GEA Westfalia	Westech
11372A Duplex Air Compressor	Garnder Denver	Mattei	GEIA Westfalia
11900 Membrane Feed Water Strainers	Fluid Engineering	Hydac	Gardner Denver
13206 FRP Tanks	Pacific Tank Ltd.	Midwestern Fab	Boll
13209 Welded Steel Tanks	South Gate Engineering	Integrated 8 Solutions	Pacific
13447 Electric Motorized Actuators	AUMA	Rotork	Crosno
14555 Shaftless Screw Conveyors	JDV Equipment	JDV	Rotork
15056 Ductile Iron Piping	McWane	US Pipe	IDV
15064 PVC Pressure Piping	Ipex	Napco	US Pipe
15076 CML&C Steel Pipe	Jisco	Midamerica	Vinyl Tech
15100 Manual Valves	Dezurik	Dezurik	JIFCO
15111 Specialty Ball Valves	Apollo	Apollo	PRATT
15114 Specialty Check Valves	Apco	Crane	METSO
15115 Globe and Angle Valves	Crane	Crane	APCO
15123 High Performance Butterfly Valves	Dezurik	Dezurik	Crane
15130 Sleeve Valves	Bailey Valve	Bailey	Dezurik
15255 Stainless Steel Piping	Mid American	Midamerica	Bailey
15466 Water Softener Vessels	Culligan	Culligan	JIFCO
15800 HVAC Systems	Compu-Aire	USA	Culligan
15800 Membrane Boiler System	Patterson-Kelley	Patterson-Kelley	Daiken
16155 Motor Control Centers	Allen Bradley	Allen Bradley	Patterson-Kelley
16418 Variable Frequency Drives	Allen Bradley	Allen Bradley	Allen Bradley
16621 Generators	Caterpillar	Caterpillar	Allen Bradley
			Catterpillar

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Item - List Manufacturer	Item - List Manufacturer	Item - List Manufacturer	Item - List Manufacturer
16625 Automatic Transfer Switch	Zenith	Asco	ASCO
17200 Magnetic Flow Meters	ABB	ABB	ABB
17300 Control Panels with PLCs	Modicon	Modicon	Modicon

IRWD
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 List of Subcontractors

1 PCL Construction, Inc. San Marcos, CA	2 J. F. Shea Construction, Inc. Walnut, CA	3 Archer Western Contractors San Diego, CA
Subcontractor Name, Address Work to be Subcontracted	Subcontractor Name, Address Work to be Subcontracted	Subcontractor Name, Address Work to be Subcontracted
KDC Systems, Los Alamitos, CA System Integration	KDC, Los Alamitos, CA System Integration	KDC Systems, 4462 Corporate Center Dr., Los Alamitos, CA System Integration
Golden State Boring & Pipe Jacking, Chino, CA Jack & Bore		
RB Sheet Metal, Mentone, CA Metal Panels - Willard Roof	R B Sheet Metal, Mentone, CA Sheet Metal/Roofing	RB Sheet Metal, Inc. 1893 Capri Ave., Unit G, Mentone, CA Metal Panels Roofing
Cor-Ray Painting Co., Santa Fe Springs, CA Water proof & painting	Cor-ray Painting, Santa Fe Springs, CA Painting	C L Industrial Coatings 11650 Western Ave., Stanton, Ca 900680 Painting
Gerdau Reinforcing Steel, San Diego, CA Rebar supply & install	Gerdau, San Bernardino, CA Rebar	Gerdau 5425 Industrial Pkwy., San Bernardino, CA Rebar
Best Interiors, Anaheim, CA Drywall & metal framing	Allied Steel, Riverside, CA Metals	
McGuire Contracting, Fontana, CA Structural Concrete		McGuire Contracting 16579 Slover Ave., Fontana, CA Structural Concrete
Western Paving Contracting, Irwindale, CA AC Paving	Western Paving, Irwindale, CA AC Paving	Emperial Paving Company 12070 Telegraph Road., Ste. 207, Santa Fe Springs, Ca 90670 Asphalt
McKenna General Engineering, Corona, CA Earthwork		
Allied Steel, Riverside, CA Structural Steel Supply & Install		Allied Steel 1027 Palmyrita Ave., Riverside, Ca 92507 Structural Steel

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Herrera & Sons, Fallbrook, CA Masonry & Veneer	Kretschmar & Smith , Riverside, CA Masonry	Herrera & Sons 1104 Arroyo Pacifica, Fallbrook CA 92028 Masonry
Los Angeles Air Conditioning, La Verne, CA HVAC	AMF, Fullerton, CA HVAC	Los Angeles Air Conditioning, 1714 Lindbergh St., La Verne, CA HVAC
Astro Mechanical, El Cajon, CA Plumbing		ASTRO Mechanical, 603 S. Marshal Ave., El Cajon, CA 92020 Plumbing
Helix Electric, San Diego, CA Electrical	Helix, San Diego, CA Electrical	Helix Electric 6795 Flanders Drive, San Diego, CA 92121 Electrical & Instrumentation
		Steve Bubalo Construction Co. 128 E. Live Oak Ave., Monrovia, CA 91016 Underground Pipe
		Condon Johnson & Associates 3125 E. Guasti Rd., Ontario, CA Shoring