



**PUBLIC SERVICE BOARD MEETING
AGENDA ITEM
REGULAR MEETING**

Wednesday, June 12, 2019

SUBJECT

Bid Number 04-19, Pumping Systems Furnish, Installation and Maintenance

BACKGROUND

The work for this project includes annual well rehabilitation activities on 12 existing high capacity wells in the EPWater system. Contractor will furnish and install new well pumps, motors and associated equipment for each of the wells identified. The contract also includes an allowance which will be used to handle unforeseen conditions related to expedited, urgent repair of wells, booster stations, wastewater lift stations, and stormwater pump stations.

STRATEGIC OBJECTIVES SUPPORTED

Improve Infrastructure

EVALUATION PROCESS

EPWater received two bids for this project on March 29, 2019. The bidders were Alpha Southwest, Inc. and Hydro Resources, Mid Continent, Inc. The bids ranged from \$2,968,384 to \$4,859,500 or 38% below to 2% above the engineer's estimate of \$4,775,220.

CDM Smith, the project consultants, evaluated the qualifications of the apparent low bidder and determined that Alpha Southwest, Inc. meets the minimum general requirements as well as the minimum project specific criteria as specified on the bid documents.

Staff reviewed the engineer's evaluation and recommends award of Bid Number 04-19, Pumping Systems Furnish, Installation and Maintenance, to Alpha Southwest, Inc. as the lowest responsive, responsible bidder in the amount of \$2,968,384.

FINANCIAL IMPLICATIONS

Sufficient funds are available in Account Number 2067, and the funding sources are the Improvement Fund and the Commercial Paper Fund.

PROPOSED ACTION REQUESTED

Award Bid Number 04-19, Pumping Systems Furnish, Installation and Maintenance, to the lowest responsive, responsible bidder, Alpha Southwest, Inc. in the estimated annual amount of \$3,209,034.40 with the option for two, one-year extensions and authorize the use of commercial paper.

SUPPORTING DOCUMENTATION PROVIDED

- Bid tabulation

PUBLIC SERVICE BOARD - EL PASO WATER UTILITIES

TABULATION OF BIDS FOR: PUMPING SYSTEMS FURNISH, INSTALLATION AND MAINTENANCE

BID TO BE OPENED: MARCH 29, 2019 @ 10:00 A.M.

BID NUMBER: 04-19

Prepared By: AG

Reviewed By: SC

Reviewed By: [Signature]

Date: 5/9/19

ITEM	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	ALPHA SOUTHWEST, INC	HYDRO RESOURCES- MID CONTINENT, INC.
					11105 Dyer El Paso, TX 79934	7531 SM 119 Sunray, TX 79086
1	Insurance, Bonds and Move-In Related Expenses, Not to Exceed 11% of Bid Item Nos. 2 through 37. If Item No. 1 exceeds 11%, bid may be deemed non-responsive).	1	LS	\$473,220.00 TOTAL	\$60,000.00	\$250,000.00
2	Testing for specific capacity for each Well called for by the Owner, complete in place* (To be conducted prior to start of any rehabilitation activity for a Well)	30	EA	\$5,000.00 UNIT \$150,000.00 TOTAL	\$800.00 \$24,000.00	\$5,300.00 \$159,000.00
WELL REHABILITATION						
3	Pull and remove existing Well pump, motor, shaft, column and tubing, complete in place	6,000	LF	\$18.00 UNIT \$108,000.00 TOTAL	\$23.15 \$138,900.00	\$15.50 \$93,000.00
4	Pre-Video survey of Well, complete in place	12	EA	\$7,500.00 UNIT \$90,000.00 TOTAL	\$1,200.00 \$14,400.00	\$1,820.00 \$21,840.00
5	Remove existing fill from well, complete in place	240	HR	\$200.00 UNIT \$48,000.00 TOTAL	\$250.00 \$60,000.00	\$320.00 \$76,800.00
6	Perform brushing to clean inside of the well screen, complete in place	2,400	LF	\$50.00 UNIT \$120,000.00 TOTAL	\$2.00 \$4,800.00	\$22.00 \$52,800.00
7	Well Pumping for a High Capacity Well Pump, complete in place	360	HR	\$600.00 UNIT \$216,000.00 TOTAL	\$70.59 \$25,412.40	\$740.00 \$266,400.00
8	Post-Video survey of Well after rehabilitation, complete in place	12	EA	\$7,500.00 UNIT \$90,000.00 TOTAL	\$1,000.00 \$12,000.00	\$1,820.00 \$21,840.00
9	Disinfection of Well, complete in place	12	LS	\$10,000.00 UNIT \$120,000.00 TOTAL	\$850.00 \$10,200.00	\$3,650.00 \$43,800.00
10	Remove and Transport existing well pump equipment to Owner approved location, complete in place	12	LS	\$5,000.00 UNIT \$60,000.00 TOTAL	\$7,000.00 \$84,000.00	\$1,860.00 \$22,320.00
FURNISH AND INSTALL WELL PUMP EQUIPMENT						
11	Furnish and Install column, inner column, shaft, tubing, and sounding tube, complete in place	6,000	LF	\$50.00 UNIT \$300,000.00 TOTAL	\$11.50 \$69,000.00	\$138.00 \$828,000.00
WELL 205 GPM=2,000 TDH=250, HP=200						
12	Furnish the following: · Vertical Turbine Pump and Appurtenances · Pump Discharge Head · Premium electrical motor · Motor controller wired and connected, complete in place	1	LS	\$160,000.00 TOTAL	\$85,721.00	\$155,700.00
13	Install, Start up and Testing for Item 12	1	LS	\$15,000.00 TOTAL	\$8,225.00	\$2,550.00
WELL 302 GPM=1,500 TDH=250, HP=125						
14	Furnish the following: · Vertical Turbine Pump and Appurtenances · Pump Discharge Head · Premium electrical motor · Motor controller wired and connected, complete in place	1	LS	\$160,000.00 TOTAL	\$87,877.00	\$116,400.00
15	Install, Start up and Testing for Item 14	1	LS	\$15,000.00 TOTAL	\$9,400.00	\$2,550.00
WELL 305 GPM=1,600 TDH=225, HP=125						
16	Furnish the following: · Vertical Turbine Pump and Appurtenances · Pump Discharge Head · Premium electrical motor · Motor controller wired and connected, complete in place	1	LS	\$160,000.00 TOTAL	\$88,083.00	\$116,500.00

PUBLIC SERVICE BOARD - EL PASO WATER UTILITIES

TABULATION OF BIDS FOR: PUMPING SYSTEMS FURNISH, INSTALLATION AND MAINTENANCE

BID TO BE OPENED: MARCH 29, 2019 @ 10:00 A.M.

BID NUMBER: 04-19

Prepared By: UG

Reviewed By: SC

Reviewed By: _____

Date: 5/9/19

ITEM	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	ALPHA SOUTHWEST, INC	HYDRO RESOURCES- MID CONTINENT, INC.
					11105 Dyer El Paso, TX 79934	7531 SM 119 Sunray, TX 79086
17	Install, Start up and Testing for Item 16	1	LS	\$15,000.00 TOTAL	\$8,375.00	\$2,550.00
	WELL 308 GPM=1,200 TDH=250, HP=100					
18	Furnish the following: · Vertical Turbine Pump and Appurtenances · Pump Discharge Head · Premium electrical motor · Motor controller wired and connected, complete in place	1	LS	\$160,000.00 TOTAL	\$95,477.00	\$115,500.00
19	Install, Start up and Testing for Item 18	1	LS	\$15,000.00 TOTAL	\$7,800.00	\$2,550.00
	WELL 35 GPM=1,500 TDH=525, HP=250					
20	Furnish the following: · Vertical Turbine Pump and Appurtenances · Pump Discharge Head · Premium electrical motor · Motor controller wired and connected, complete in place	1	LS	\$160,000.00 TOTAL	\$180,896.00	\$194,600.00
21	Install, Start up and Testing for Item 20	1	LS	\$15,000.00 TOTAL	\$14,275.00	\$2,550.00
	WELL 44 GPM=1,500 TDH=625, HP=300					
22	Furnish the following: · Vertical Turbine Pump and Appurtenances · Pump Discharge Head · Premium electrical motor · Motor controller wired and connected, complete in place	1	LS	\$160,000.00 TOTAL	\$188,610.00	\$219,600.00
23	Install, Start up and Testing for Item 22	1	LS	\$15,000.00 TOTAL	\$14,575.00	\$2,550.00
	WELL 520 GPM=2,000 TDH=500, HP=350					
24	Furnish the following: · Vertical Turbine Pump and Appurtenances · Pump Discharge Head · Premium electrical motor · Motor controller wired and connected, complete in place	1	LS	\$160,000.00 TOTAL	\$209,304.00	\$238,600.00
25	Install, Start up and Testing for Item 24	1	LS	\$15,000.00 TOTAL	\$14,125.00	\$2,550.00
	WELL 51 GPM=1,000 TDH=600, HP=200					
26	Furnish the following: · Vertical Turbine Pump and Appurtenances · Pump Discharge Head · Premium electrical motor · Motor controller wired and connected, complete in place	1	LS	\$160,000.00 TOTAL	\$132,140.00	\$143,500.00
27	Install, Start up and Testing for Item 26	1	LS	\$15,000.00 TOTAL	\$13,675.00	\$2,550.00
	WELL 52 GPM=1,000 TDH=600, HP=200					
28	Furnish the following: · Vertical Turbine Pump and Appurtenances · Pump Discharge Head · Premium electrical motor · Motor controller wired and connected, complete in place	1	LS	\$160,000.00 TOTAL	\$146,019.00	\$168,900.00
29	Install, Start up and Testing for Item 28	1	LS	\$15,000.00 TOTAL	\$16,975.00	\$2,550.00

PUBLIC SERVICE BOARD - EL PASO WATER UTILITIES

TABULATION OF BIDS FOR: PUMPING SYSTEMS FURNISH, INSTALLATION AND MAINTENANCE

BID TO BE OPENED: MARCH 29, 2019 @ 10:00 A.M.

BID NUMBER: 04-19

Prepared By: tg

Reviewed By: SC

Reviewed By: _____

Date: 5/9/19

ITEM	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	ALPHA SOUTHWEST, INC	HYDRO RESOURCES- MID CONTINENT, INC.
					11105 Dyer El Paso, TX 79934	7531 SM 119 Sunray, TX 79086
WELL 45 GPM=1,250 TDH=625, HP=250						
30	Furnish the following: · Vertical Turbine Pump and Appurtenances · Pump Discharge Head · Premium electrical motor · Motor controller wired and connected, complete in place	1	LS	\$160,000.00 TOTAL	\$153,606.00	\$167,900.00
31	Install, Start up and Testing for Item 30	1	LS	\$15,000.00 TOTAL	\$15,025.00	\$2,550.00
WELL 14B GPM=600 TDH=325, HP=125						
32	Furnish the following: · Vertical Turbine Pump and Appurtenances · Pump Discharge Head · Premium electrical motor · Motor controller wired and connected, complete in place	1	LS	\$160,000.00 TOTAL	\$90,311.00	\$123,700.00
33	Install, Start up and Testing for Item 32	1	LS	\$15,000.00 TOTAL	\$9,501.00	\$2,550.00
WELL 69 GPM=700 TDH=500, HP=125						
34	Furnish the following: · Vertical Turbine Pump and Appurtenances · Pump Discharge Head · Premium electrical motor · Motor controller wired and connected, complete in place	1	LS	\$160,000.00 TOTAL	\$121,602.00	\$144,700.00
35	Install, Start up and Testing for Item 34	1	LS	\$15,000.00 TOTAL	\$10,075.00	\$2,550.00
36	Plugging of Wells as per specifications, complete in place	500	CY	\$300.00 UNIT \$150,000.00 TOTAL	\$469.30 \$234,650.00	\$675.00 \$337,500.00
					Bidder's Total:	\$22,812.00
EPW PUMPS INSTALLATION & MAINTENANCE (WATER, STORMWATER AND WASTEWATER)						
37	Allowance for Owner Approved Items (includes expedited urgent Well repair)	1	LS	\$750,000.00 TOTAL	\$750,000.00	\$750,000.00
TOTAL BID PRICE (ITEMS 1 THROUGH 37)				\$4,775,220.00	\$3,209,034.40	\$4,859,500.00
					Bidder's Total:	\$2,968,384.00
					RESIDENT BIDDER BID BOND PROVIDED	RESIDENT BIDDER BID BOND PROVIDED