

AGENDA REPORT

CITY OF ALAMOGORDO

CITY COMMISSION

Meeting Date: 09/13/2016

Report Date: 9/9/2016

Report No: 13.

Submitted By: Brian Cesar

Subject: Consider, and act upon, award of Public Works Bid No. 2016-001 to Smithco Construction, Inc. related to the Snake Tank Well 5 Equipment & Monitoring Wells project, in an amount not to exceed \$1,143,471.74, including tax. (*Brian Cesar, Public Works Director*)

Fiscal Impact: \$1,143,471.74
Amount Budgeted: \$1,500,000.00
Fund: 054-0099-990.67-74 PW1404

Additional Fiscal Impact:

Recommendation: Approve the award.

Background: The work will consist of rehabilitation of existing brackish water Well No. 5 in the Snake Tank Well Field; equipping Well No. 5 with a vertical turbine well pump; site work including grading, gravel, fencing; construction of a well control building including electrical and instrumentation; installation of three monitoring wells; and access roads to each monitoring well.

The project was advertised on July 10, 2016. Bids were opened on August 25, 2016 at 2:00 p.m. with four (4) responsive bidders: Smithco Construction, Inc.; CSW Contractors, Inc.; General Hydronics Utilities, LLC; and RMCI, Inc.

Please refer to the attached bid tabulation.

This project is funded entirely by Drinking Water Loan No. 2880.

BID TABULATION
SNAKE TANK WELL 5 EQUIPMENT & MONITORING WELLS
PUBLIC WORKS BID NO. 2016-001
AUGUST 25, 2016

ITEM NO.	QTY	UNIT	DESCRIPTION	Engineer's Opinion of Probable Construction Cost		Smithco Construction, Inc.		CSW Contractors, Inc.		General Hydronics Utilities, LLC		RMCI, Inc.		File Construction, LLC	
				UNIT PRICE	BID AMOUNT	UNIT PRICE	BID AMOUNT	UNIT PRICE	BID AMOUNT	UNIT PRICE	BID AMOUNT	UNIT PRICE	BID AMOUNT	UNIT PRICE	BID AMOUNT
1	1	LS	Mobilization, Demobilization, & Project Administration	\$42,841.00	\$42,841.00	\$48,000.00	\$48,000.00	\$40,000.00	\$40,000.00	\$16,700.00	\$16,700.00	\$60,000.00	\$60,000.00	\$71,140.66	\$71,140.66
2	1	LS	Storm Water Pollution Prevention Plan	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
3	1	LS	Well 5 Site Improvements & Yard Piping	\$35,000.00	\$35,000.00	\$125,000.00	\$125,000.00	\$117,535.00	\$117,535.00	\$192,200.00	\$192,200.00	\$200,000.00	\$200,000.00	\$115,416.21	\$115,416.21
4			WELL 5 REDEVELOPMENT												
4A	10	HR	Brush Existing Well	\$500.00	\$5,000.00	\$260.00	\$2,600.00	\$334.00	\$3,340.00	\$275.00	\$2,750.00	\$320.00	\$3,200.00	\$607.00	\$6,070.00
4B	1	LS	Remove Debris From Existing Well	\$1,500.00	\$1,500.00	\$5,500.00	\$5,500.00	\$6,688.00	\$6,688.00	\$5,500.00	\$5,500.00	\$6,400.00	\$6,400.00	\$7,174.00	\$7,174.00
4C	6	HR	Direct Air-Lift Pumping From Existing Well	\$500.00	\$3,000.00	\$550.00	\$3,300.00	\$669.00	\$4,014.00	\$550.00	\$3,300.00	\$650.00	\$3,900.00	\$607.00	\$3,642.00
4D	20	HR	Swabbing & Reverse Air-Lift Pumping of Existing Well	\$500.00	\$10,000.00	\$550.00	\$11,000.00	\$669.00	\$13,380.00	\$550.00	\$11,000.00	\$650.00	\$13,000.00	\$607.00	\$12,140.00
4E	3	EH	Chlorination of Existing Well	\$2,000.00	\$6,000.00	\$3,800.00	\$11,400.00	\$4,681.00	\$14,043.00	\$3,850.00	\$11,550.00	\$4,500.00	\$13,500.00	\$2,207.00	\$6,621.00
4F	6	HR	Surging By Bailing or Swabbing of Existing Well	\$500.00	\$3,000.00	\$325.00	\$1,950.00	\$401.00	\$2,406.00	\$330.00	\$1,980.00	\$400.00	\$2,400.00	\$607.00	\$3,642.00
4G	1	LS	Video Survey of Existing Well	\$2,700.00	\$2,700.00	\$3,000.00	\$3,000.00	\$3,745.00	\$3,745.00	\$3,080.00	\$3,080.00	\$3,500.00	\$3,500.00	\$1,821.00	\$1,821.00
5	1	LS	Well 5 Line Shaft Vertical Turbine Pump & Appurtenances	\$150,000.00	\$150,000.00	\$200,000.00	\$200,000.00	\$257,489.00	\$257,489.00	\$442,230.00	\$442,230.00	\$200,000.00	\$200,000.00	\$152,675.00	\$152,675.00
6	1	LS	Well 5 Pump Control Building & Pump Enclosure	\$360,000.00	\$360,000.00	\$449,000.00	\$449,000.00	\$376,726.00	\$376,726.00	\$250,150.00	\$250,150.00	\$412,000.00	\$412,000.00	\$390,700.00	\$390,700.00
7			OBSERVATION WELL MW-1												
7A	560	LF	Drilling Borehole, 9-5/8 in.	\$35.00	\$19,600.00	\$26.00	\$14,560.00	\$33.00	\$18,480.00	\$27.50	\$15,400.00	\$28.00	\$15,680.00	\$85.00	\$47,600.00
7B	1	LS	Geophysical Logging	\$7,500.00	\$7,500.00	\$8,000.00	\$8,000.00	\$9,725.00	\$9,725.00	\$7,997.00	\$7,997.00	\$8,000.00	\$8,000.00	\$11,590.00	\$11,590.00
7C	252	LF	Blank casing, 4.5 in. Diameter, Sch. 80	\$25.00	\$6,300.00	\$14.00	\$3,528.00	\$17.00	\$4,284.00	\$13.75	\$3,465.00	\$14.00	\$3,528.00	\$50.00	\$12,600.00
7D	300	LF	Perforated casing, 4.5 in. Diameter, Sch. 80	\$30.00	\$9,000.00	\$18.00	\$5,400.00	\$22.00	\$6,600.00	\$18.43	\$5,529.00	\$18.00	\$5,400.00	\$36.50	\$10,950.00
7E	320	LF	Filter Gravel	\$35.00	\$11,200.00	\$12.00	\$3,840.00	\$16.00	\$5,120.00	\$13.20	\$4,224.00	\$13.00	\$4,160.00	\$42.00	\$13,440.00
7F	20	LF	Bentonite Seal	\$35.00	\$700.00	\$65.00	\$1,300.00	\$80.00	\$1,600.00	\$66.00	\$1,320.00	\$66.00	\$1,320.00	\$176.00	\$3,520.00
7G	218	LF	Cement Grout Seal	\$35.00	\$7,630.00	\$18.00	\$3,924.00	\$22.00	\$4,796.00	\$18.15	\$3,956.70	\$18.00	\$3,924.00	\$80.60	\$17,570.80
7H	24	HR	Observation Well Development By Bailing	\$270.00	\$6,480.00	\$250.00	\$6,000.00	\$301.00	\$7,224.00	\$247.50	\$5,940.00	\$250.00	\$6,000.00	\$386.00	\$9,264.00
7I	1	LS	Pump & Associated Hardware	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00	\$12,707.00	\$12,707.00	\$10,450.00	\$10,450.00	\$10,500.00	\$10,500.00	\$13,582.00	\$13,582.00
7J	1	LS	Wellhead Completion	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	\$6,038.00	\$6,038.00	\$4,825.00	\$4,825.00	\$5,800.00	\$5,800.00	\$6,639.00	\$6,639.00
7K	1	LS	Blade Access Road (from Snake Tank Road to MW-1)	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00	\$7,980.00	\$7,980.00	\$12,750.00	\$12,750.00	\$50,000.00	\$50,000.00	\$65,700.00	\$65,700.00
8			OBSERVATION WELL MW-2												
8A	610	LF	Drilling Borehole, 9-5/8 in.	\$35.00	\$21,350.00	\$26.00	\$15,860.00	\$33.00	\$20,130.00	\$27.50	\$16,775.00	\$28.00	\$17,080.00	\$85.00	\$51,850.00
8B	1	LS	Geophysical Logging	\$7,500.00	\$7,500.00	\$8,000.00	\$8,000.00	\$9,725.00	\$9,725.00	\$7,997.00	\$7,997.00	\$8,000.00	\$8,000.00	\$11,590.00	\$11,590.00
8C	202	LF	Blank casing, 4.5 in. Diameter, Sch. 80	\$25.00	\$5,050.00	\$14.00	\$2,828.00	\$17.00	\$3,434.00	\$13.75	\$2,777.50	\$14.00	\$2,828.00	\$42.00	\$8,484.00
8D	400	LF	Perforated casing, 4.5 in. Diameter, Sch. 80	\$30.00	\$12,000.00	\$18.00	\$7,200.00	\$22.00	\$8,800.00	\$18.43	\$7,372.00	\$18.00	\$7,200.00	\$45.00	\$18,000.00
8E	420	LF	Filter Gravel	\$35.00	\$14,700.00	\$12.00	\$5,040.00	\$16.00	\$6,720.00	\$13.20	\$5,544.00	\$13.00	\$5,460.00	\$38.70	\$16,254.00
8F	20	LF	Bentonite Seal	\$35.00	\$700.00	\$65.00	\$1,300.00	\$80.00	\$1,600.00	\$66.00	\$1,320.00	\$66.00	\$1,320.00	\$177.00	\$3,540.00
8G	168	LF	Cement Grout Seal	\$35.00	\$5,880.00	\$18.00	\$3,024.00	\$22.00	\$3,696.00	\$18.15	\$3,049.20	\$18.00	\$3,024.00	\$77.20	\$12,969.60
8H	24	HR	Observation Well Development By Bailing	\$275.00	\$6,600.00	\$250.00	\$6,000.00	\$301.00	\$7,224.00	\$247.50	\$5,940.00	\$250.00	\$6,000.00	\$386.00	\$9,264.00
8I	1	LS	Pump & Associated Hardware	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00	\$12,707.00	\$12,707.00	\$10,450.00	\$10,450.00	\$10,500.00	\$10,500.00	\$13,918.00	\$13,918.00
8J	1	LS	Wellhead Completion	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	\$6,038.00	\$6,038.00	\$4,825.00	\$4,825.00	\$5,800.00	\$5,800.00	\$6,639.00	\$6,639.00
8K	1	LS	Blade Access Road (from Snake Tank Road to MW-2)	\$9,000.00	\$9,000.00	\$5,000.00	\$5,000.00	\$3,275.00	\$3,275.00	\$12,938.00	\$12,938.00	\$30,000.00	\$30,000.00	\$45,000.00	\$45,000.00
9			OBSERVATION WELL MW-3												
9A	675	LF	Drilling Borehole, 9-5/8 in.	\$35.00	\$23,625.00	\$26.00	\$17,550.00	\$33.00	\$22,275.00	\$27.50	\$18,562.50	\$28.00	\$18,900.00	\$85.00	\$57,375.00
9B	1	LS	Geophysical Logging	\$7,500.00	\$7,500.00	\$8,000.00	\$8,000.00	\$9,725.00	\$9,725.00	\$7,997.00	\$7,997.00	\$8,000.00	\$8,000.00	\$11,590.00	\$11,590.00
9C	267	LF	Blank casing, 4.5 in. Diameter, Sch. 80	\$25.00	\$6,675.00	\$14.00	\$3,738.00	\$17.00	\$4,539.00	\$13.75	\$3,671.25	\$14.00	\$3,738.00	\$48.60	\$12,976.20
9D	400	LF	Perforated casing, 4.5 in. Diameter, Sch. 80	\$30.00	\$12,000.00	\$18.00	\$7,200.00	\$22.00	\$8,800.00	\$18.43	\$7,372.00	\$18.00	\$7,200.00	\$46.30	\$18,520.00
9E	420	LF	Filter Gravel	\$35.00	\$14,700.00	\$12.00	\$5,040.00	\$16.00	\$6,720.00	\$13.20	\$5,544.00	\$13.00	\$5,460.00	\$39.70	\$16,674.00
9F	20	LF	Bentonite Seal	\$35.00	\$700.00	\$65.00	\$1,300.00	\$80.00	\$1,600.00	\$66.00	\$1,320.00	\$66.00	\$1,320.00	\$177.00	\$3,540.00
9G	233	LF	Cement Grout Seal	\$35.00	\$8,155.00	\$18.00	\$4,194.00	\$22.00	\$5,126.00	\$18.15	\$4,228.95	\$18.00	\$4,194.00	\$81.70	\$19,036.10
9H	24	HR	Observation Well Development By Bailing	\$275.00	\$6,600.00	\$250.00	\$6,000.00	\$301.00	\$7,224.00	\$247.50	\$5,940.00	\$250.00	\$6,000.00	\$386.00	\$9,264.00
9I	1	LS	Pump & Associated Hardware	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00	\$13,109.00	\$13,109.00	\$10,780.00	\$10,780.00	\$10,800.00	\$10,800.00	\$14,337.00	\$14,337.00
9J	1	LS	Wellhead Completion	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	\$6,038.00	\$6,038.00	\$4,825.00	\$4,825.00	\$5,800.00	\$5,800.00	\$6,639.00	\$6,639.00
9K	1	LS	Blade Access Road (from MW-2 TO MW-3)	\$4,000.00	\$4,000.00	\$3,500.00	\$3,500.00	\$1,599.00	\$1,599.00	\$6,113.00	\$6,113.00	\$20,000.00	\$20,000.00	\$18,000.00	\$18,000.00
BASE BID				\$898,686.00		\$1,075,576.00		\$1,096,524.00		\$1,174,138.10		\$1,223,336.00		\$1,371,457.57	
NMGRT (6.3125%)				\$56,729.55		\$67,895.74		\$69,218.08		\$74,117.47		\$77,223.09		\$86,573.26	
TOTAL BASE BID				\$955,415.55		\$1,143,471.74		\$1,165,742.08		\$1,248,255.57		\$1,300,559.09		\$1,458,030.83	

* Nonresponsive - did not include section 02676 info.