



**PUBLIC SERVICE BOARD MEETING
AGENDA ITEM**

**REGULAR MEETING
Wednesday, August 09, 2017**

SUBJECT

Bid Number 17-17, Montana East 16-Inch Water Main Extension Improvements

BACKGROUND

El Paso Water (EPWater) provides water service to the East Montana service area. The transmission main conveys potable water to two elevated water storage tanks. Several small diameter water mains currently connect to the transmission main along the pipeline alignment that supply the residents located north and south of Montana Avenue. When the transmission main is shut down for maintenance, water service to this area is interrupted because this water main is the only water supply source to the area. The extension of the proposed main will add a second supply source that will help meet demand during an unplanned event or maintenance.

EVALUATION PROCESS

EPWater received five bids for this project on July 13, 2017. The bidders were CMD Endeavors, ZTEX Construction, Smithco Construction, Danny Sander Construction, and Spiess Construction. The bids ranged from \$931,780 to \$1,283,110 or 31% to 4% below the Engineer's Estimate of \$1,343,552.40.

The project consulting engineer, CEA Group, evaluated the qualifications of the apparent low bidder and has determined that CMD Endeavors meets the minimum general requirements as well as the minimum project criteria as specified on the bid documents.

Staff reviewed the engineer's evaluation matrix and recommends award of Bid Number 17-17, Montana East 16-Inch Water Main Extension Improvements, to CMD Endeavors as the lowest responsive, responsible bidder in the amount of \$931,780.

FINANCIAL IMPLICATIONS

Sufficient funds are available in account number 1217-047, and the funding source is Water and Sewer Revenue Bonds Series 2017.

PROPOSED ACTION REQUESTED

Award Bid Number 17-17, Montana East 16-Inch Water Main Extension Improvements, to the lowest responsive, responsible bidder, CMD Endeavors, Inc. in the amount of \$931,780.

SUPPORTING DOCUMENTATION PROVIDED

) Bid Tab

PUBLIC SERVICE BOARD - EL PASO WATER UTILITIES

TABULATION OF BIDS FOR: MONTANA EAST 16-INCH WATER MAIN EXTENSION IMPROVEMENTS

BID TO BE OPENED: July 13, 2017 @ 2:00 P.M.

BID NUMBER: 17-17

Prepared By:

Reviewed By:

Reviewed By:

Date: 7/29/17

ITEM	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	CMD ENDEAVORS, INC	ZTEX CONSTRUCTION, INC.	SMITHCO CONSTRUCTION, INC.	DANNY SANDER CONSTRUCTION, INC.	SPIESS CONSTRUCTION CO., INC
					1510 N. Zaragosa, Ste B1 El Paso, TX 79936	12406 Sombra Fuerte Dr. El Paso, TX 79936	6 King Canyon Loop Caballo, NM 87931	P.O. Box 370937 El Paso, TX 79937	1110 E. Clark Ave., #210 Santa Maria, CA 94855
1	Insurance, Bonds, and Mobilization/Demobilization, Not to Exceed 5% of Bid Item No. 2 through 24.	1	LS	\$63,464.40 TOTAL	\$30,000.00	\$44,425.00	\$45,000.00	\$54,000.00	\$60,000.00
2	Furnish and Install 24-Inch Diameter Approved Water Pipe, as Specified, installed with fittings, valves and accessories in trench. Complete in Place.	120	LF	\$135.00 UNIT \$16,200.00 TOTAL	\$150.00 \$18,000.00	\$189.17 \$22,700.40	\$220.00 \$26,400.00	\$200.00 \$24,000.00	\$220.00 \$26,400.00
3	Furnish and Install 16-Inch Diameter Approved Water Pipe, as Specified, installed with fittings, valves and accessories in trench. Complete in Place.	7,000	LF	\$97.50 UNIT \$682,500.00 TOTAL	\$53.00 \$371,000.00	\$65.01 \$455,070.00	\$53.00 \$371,000.00	\$61.00 \$567,000.00	\$85.00 \$595,000.00
4	Furnish and Install 12-Inch Diameter Approved Water Pipe, as Specified, installed with fittings, valves and accessories in trench. Complete in Place.	120	LF	\$65.00 UNIT \$7,800.00 TOTAL	\$49.00 \$5,880.00	\$46.88 \$5,505.60	\$145.00 \$17,400.00	\$70.00 \$8,400.00	\$160.00 \$19,200.00
5	Furnish and Install 8-Inch Diameter Approved Water Pipe, as Specified, installed with fittings, valves and	260	LF	\$60.00 UNIT \$15,600.00 TOTAL	\$39.00 \$10,140.00	\$33.65 \$8,749.00	\$65.00 \$16,900.00	\$50.00 \$13,000.00	\$105.00 \$27,300.00
6	Furnish and Install 30-Inch Diameter Steel Casing Installed by Boring Methods, including all appurtenances. Complete in Place.	160	LF	\$500.00 UNIT \$80,000.00 TOTAL	\$750.00 \$120,000.00	\$431.48 \$69,036.80	\$580.00 \$92,800.00	\$415.00 \$66,400.00	\$800.00 \$128,000.00
7	Furnish and Install Buried 24-inch Butterfly Valves with Manhole and related appurtenances. Complete in Place.	2	EA	\$17,250.00 UNIT \$34,500.00 TOTAL	\$18,000.00 \$36,000.00	\$17,528.67 \$35,057.34	\$15,500.00 \$31,000.00	\$15,500.00 \$31,000.00	\$18,000.00 \$36,000.00
8	Furnish and Install Buried 16-Inch Butterfly Valves with Manhole and related appurtenances. Complete in Place.	6	EA	\$15,250.00 UNIT \$91,500.00 TOTAL	\$14,000.00 \$84,000.00	\$15,664.63 \$93,987.78	\$14,500.00 \$87,000.00	\$15,000.00 \$90,000.00	\$16,000.00 \$96,000.00
9	Furnish and Install 16-inch Gate Valves with all related appurtenances. Complete in Place.	1	EA	\$4,000.00 TOTAL	\$27,500.00	\$26,746.22	\$17,500.00	\$30,000.00	\$16,000.00
10	Furnish and Install 12-Inch Gate Valves with all related appurtenances. Complete in Place.	2	EA	\$3,500.00 UNIT \$7,000.00 TOTAL	\$3,000.00 \$6,000.00	\$2,865.50 \$5,331.00	\$4,100.00 \$8,200.00	\$4,000.00 \$8,000.00	\$8,000.00 \$16,000.00
11	Furnish and Install 8-Inch Gate Valves with all related appurtenances. Complete in Place.	2	EA	\$2,000.00 UNIT \$4,000.00 TOTAL	\$2,000.00 \$4,000.00	\$1,564.78 \$3,129.56	\$2,450.00 \$4,900.00	\$2,500.00 \$5,000.00	\$6,000.00 \$12,000.00
12	Furnish and Install 2-inch Combination Air Release/Vacuum Valve with Manhole and related appurtenances. Complete in Place.	3	EA	\$13,500.00 UNIT \$40,500.00 TOTAL	\$8,000.00 \$24,000.00	\$7,166.99 \$21,500.97	\$6,200.00 \$18,600.00	\$7,500.00 \$22,500.00	\$10,000.00 \$30,000.00
13	Furnish and Install 1-inch Air Release Valve with Manhole and related appurtenances. Complete in Place.	1	EA	\$8,750.00 TOTAL	\$6,500.00	\$5,618.84	\$5,800.00	\$7,000.00	\$8,000.00

PUBLIC SERVICE BOARD - EL PASO WATER UTILITIES

TABULATION OF BIDS FOR: MONTANA EAST 16-INCH WATER MAIN EXTENSION IMPROVEMENTS

BID TO BE OPENED: July 13, 2017 @ 2:00 P.M.

BID NUMBER: 17-17

Prepared By: AL
 Reviewed By: SC
 Reviewed By: AD
 Date: 7/20/17

ITEM	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	GMD ENDEAVORS, INC	ZTEX CONSTRUCTION, INC.	SMITHCO CONSTRUCTION, INC.	DANNY SANDER CONSTRUCTION, INC.	SPIESS CONSTRUCTION CO., INC
					1510 N. Zaragosa, Ste B1 El Paso, TX 79936	12405 Sombra Fuerte Dr. El Paso, TX 79936	6 King Canyon Loop Caballo, NM 87931	P.O. Box 370937 El Paso, TX 79937	1110 E. Clark Ave., #210 Santa Maria, CA 94655
14	Furnish and Install Blow-off Valves with Manhole and related appurtenances. Complete in Place.	2	EA	\$10,000.00 UNIT \$20,000.00 TOTAL	\$8,500.00 \$17,000.00	\$8,597.22 \$17,194.44	\$8,200.00 \$16,400.00	\$8,000.00 \$16,000.00	\$8,000.00 \$16,000.00
15	Furnish and Install Master Meter and Back Flow Preventer as shown on Sheet C4.1. Including all ductile iron pipe, valves, fittings, concrete slabs, lock boxes, etc., including all appurtenances. Complete in place.	1	LS	\$84,574.00 TOTAL	\$50,000.00	\$50,313.64	\$64,000.00	\$60,000.00	\$50,000.00
16	Furnish and Install Master Meter and Back Flow Preventer as shown on Sheet C4.2. Including all ductile iron pipe, valves, fittings, concrete slabs, lock boxes, etc., including all appurtenances. Complete in Place.	1	LS	\$84,574.00 TOTAL	\$50,000.00	\$50,541.38	\$64,000.00	\$60,000.00	\$50,000.00
17	Decommissioning and Salvage of Existing Master Meters, including all appurtenances. Complete in Place.	2	EA	\$5,000.00 UNIT \$10,000.00 TOTAL	\$2,500.00 \$5,000.00	\$2,500.00 \$5,000.00	\$2,800.00 \$5,200.00	\$3,000.00 \$6,000.00	\$500.00 \$1,000.00
18	Trench Safety System for Pipelines: Trench box Method or Shoring, Sheeting and Bracing Methods. Complete in Place.	7,510	LF	\$1.50 UNIT \$11,265.00 TOTAL	\$1.00 \$7,510.00	\$1.25 \$9,387.50	\$2.00 \$15,020.00	\$1.00 \$7,510.00	\$1.00 \$7,510.00
19	Removal and Replacement of Existing HMAc Pavement (including 2-Sack). Complete in Place.	130	SY	\$85.00 UNIT \$11,050.00 TOTAL	\$45.00 \$5,850.00	\$49.06 \$6,377.80	\$68.00 \$8,840.00	\$53.00 \$6,890.00	\$40.00 \$5,200.00
20	Removal and Replacement of Existing HMAc Pavement (including Base Coarse). Complete in Place.	1,000	SY	\$40.00 UNIT \$40,000.00 TOTAL	\$30.00 \$30,000.00	\$20.89 \$20,890.00	\$42.00 \$42,000.00	\$31.00 \$31,000.00	\$20.00 \$20,000.00
21	Furnish and Install Shoulder Replacement (with millings). Complete in Place.	410	SY	\$10.00 UNIT \$4,100.00 TOTAL	\$10.00 \$4,100.00	\$18.75 \$7,687.50	\$30.00 \$12,300.00	\$20.00 \$8,200.00	\$20.00 \$8,200.00
22	Removal and Replacement of Existing Concrete Driveway. Complete in Place.	55	SY	\$85.00 UNIT \$4,675.00 TOTAL	\$60.00 \$3,300.00	\$43.75 \$2,406.25	\$120.00 \$6,600.00	\$63.00 \$3,465.00	\$60.00 \$3,300.00
23	Provide and Maintain Approved Traffic Control. Complete in Place.	1	LS	\$15,000.00 TOTAL	\$15,000.00	\$18,750.00	\$50,000.00	\$20,000.00	\$50,000.00
24	Video Tape Pipeline Route, Before and After Construction.	1	LS	\$1,500.00 TOTAL	\$1,000.00	\$1,875.00	\$1,200.00	\$3,500.00	\$2,000.00
TOTAL BID PRICE (ITEMS 1 THROUGH 24)				\$1,343,552.40			\$1,028,060.00		
					\$931,780.00	\$987,282.02	5% RECIPROCIITY APPLIES \$51,403.00 \$1,079,463.00	\$1,148,965.00	NO RECIPROCIITY APPLIES \$1,283,110.00
					RESIDENT BIDDER BID BOND PROVIDED	RESIDENT BIDDER BID BOND PROVIDED	NONRESIDENT BIDDER BID BOND PROVIDED	RESIDENT BIDDER BID BOND PROVIDED	NONRESIDENT BIDDER BID BOND PROVIDED