



**PUBLIC SERVICE BOARD MEETING
AGENDA ITEM**

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

SUBJECT

Bid Number 29-17, Union Pacific Railroad (UPRR) 16-Inch Transmission Main – Phase II (Pershing Drive from Raynor Street to Alta Street)

BACKGROUND

Phase II of the UPRR 16-Inch Transmission Main project will replace an existing 16-inch transmission main located inside and along the UPRR right-of-way, from Raynor Street to Alta Street.

EVALUATION PROCESS

EPWater received five bids for this project on June 27, 2017. The bidders were Bain Construction, ZTEX Construction, Smithco Construction, Spiess Construction, and Danny Sander Construction. The bids ranged from \$2,129,763 to \$2,984,830 or 0.5% to 41% above the Engineer's Estimate of \$2,119,986.75.

The project consulting engineer, Moreno Cardenas Inc., evaluated the qualifications of the apparent low bidder and has determined that Bain Construction meets the minimum general requirements as well as the minimum project specific criteria as specified on the bid documents.

Staff has reviewed the engineer's evaluation matrix and recommends award of Bid Number 29-17, UPRR 16-Inch Transmission Main – Phase II (Pershing Drive from Raynor Street to Alta Street), to Bain Construction as the lowest responsive, responsible bidder in the amount of \$2,129,763.

FINANCIAL IMPLICATIONS

Sufficient funds are available in account number 1217-006, and the funding source is the Water and Sewer Revenue Bonds Series 2016.

PROPOSED ACTION REQUESTED

Consider and award Bid Number 29-17, Union Pacific Railroad (UPRR) 16-Inch Transmission Main – Phase II (Pershing Drive from Raynor Street to Alta Street), to the lowest responsive, responsible bidder, Bain Enterprises LLC (dba Bain Construction) in the amount of \$2,129,763.

SUPPORTING DOCUMENTATION PROVIDED

) Bid Tab

Prepared By: SC
 Reviewed By: led
 Reviewed By: [Signature]
 Date: 7-25-17

PUBLIC SERVICE BOARD - EL PASO WATER UTILITIES
TABULATION OF BIDS FOR: UPRR 16-INCH TRANSMISSION MAIN-PHASE 2 (Pershing Drive from Raynor Street to Alta Street)
BID TO BE OPENED: June 27, 2017 @ 2:00 P.M.
BID NUMBER: 29-17

ITEM	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	BAIN ENTERPRISES	ZTEX CONSTRUCTION,	SMITHCO	SPIESS	DANNY SANDER
					dba BAIN CONSTRUCTION	INC.	CONSTRUCTION, INC	CONSTRUCTION	CONSTRUCTION
					14160 Blair Drive Horizon City, TX 79928	1326 Henry Brennan Dr. El Paso, TX 79936	6 King Canyon Loop Caballo, NM 87931	P.O. Box 2849 Santa Maria, CA 93457	P.O. Box 370937 El Paso, TX 79937
1	Insurance, Bonds, and Move-In Related Expenses, Not to Exceed 5% of Bid Items Nos. 2 through 30. If Item No. 1 exceeds 5%, bid may be deemed non-responsive).	1	LS	\$100,951.75 TOTAL	\$81,450.00	\$94,155.00	\$100,000.00	\$135,000.00	\$142,000.00
2	Traffic Control Plan	1	LS	\$25,000.00 TOTAL	\$25,000.00	\$25,581.40	\$50,000.00	\$5,000.00	\$60,000.00
3	Trench Safety System: Trench Box Method or Shoring, Sheeting, and Bracing Method.	7,630	LF	\$2.00 UNIT \$15,260.00 TOTAL	\$1.50 \$11,445.00	\$2.50 \$19,075.00	\$5.00 \$38,150.00	\$1.00 \$7,630.00	\$2.00 \$15,260.00
4	Furnish and Install 24-inch approved pipe and fittings in trench, complete in place.	75	LF	\$180.00 UNIT \$13,500.00 TOTAL	\$368.00 \$27,600.00	\$424.80 \$31,860.00	\$350.00 \$26,250.00	\$500.00 \$37,500.00	\$514.00 \$38,550.00
5	Furnish and Install 16-inch approved pipe and fittings in trench, complete in place.	5,290	LF	\$140.00 UNIT \$740,600.00 TOTAL	\$121.50 \$642,735.00	\$117.55 \$621,839.50	\$100.00 \$529,000.00	\$283.00 \$1,497,070.00	\$140.00 \$740,600.00
6	Furnish and Install 12-inch approved pipe and fittings in trench, complete in place.	390	LF	\$90.00 UNIT \$35,100.00 TOTAL	\$54.50 \$21,265.00	\$52.17 \$20,346.30	\$60.00 \$23,400.00	\$130.00 \$50,700.00	\$95.00 \$37,050.00
						Bidder's Total: \$20,347.00			
7	Furnish and Install 8-inch approved pipe and fittings in trench, complete in place.	1,585	LF	\$35.00 UNIT \$55,475.00 TOTAL	\$53.00 \$84,005.00	\$35.63 \$56,473.55	\$45.00 \$71,325.00	\$85.00 \$134,725.00	\$63.00 \$131,555.00
						Bidder's Total: \$56,474.00			
8	Furnish and Install 4-inch through 6-inch approved pipe and fittings in trench, complete in place.	1,560	LF	\$30.00 UNIT \$46,800.00 TOTAL	\$66.50 \$103,740.00	\$34.32 \$53,539.20	\$42.00 \$65,520.00	\$50.00 \$78,000.00	\$74.00 \$115,440.00
						Bidder's Total: \$53,540.00			
9	Furnish and Install 24-inch steel casing by jacking/boring methods, complete in place.	274	LF	\$400.00 UNIT \$109,600.00 TOTAL	\$690.00 \$189,060.00	\$543.96 \$149,045.04	\$670.00 \$183,580.00	\$750.00 \$205,500.00	\$525.00 \$143,850.00
						Bidder's Total: \$149,046.00			
10	Furnish and Install 16-inch steel casing by jacking/boring methods, complete in place.	101	LF	\$300.00 UNIT \$30,300.00 TOTAL	\$687.00 \$69,387.00	\$559.66 \$56,525.65	\$740.00 \$74,740.00	\$750.00 \$75,750.00	\$525.00 \$53,025.00
						Bidder's Total: \$56,526.00			
11	Furnish and Install 24-inch steel casing by open cut methods, complete in place.	110	LF	\$250.00 UNIT \$27,500.00 TOTAL	\$243.00 \$26,730.00	\$400.00 \$44,000.00	\$210.00 \$23,100.00	\$100.00 \$11,000.00	\$250.00 \$27,500.00
					Bidder's Total: \$25,740.00				

Prepared By: HC
 Reviewed By: RJS
 Reviewed By: DD
 Date: 7-25-17

PUBLIC SERVICE BOARD - EL PASO WATER UTILITIES
TABULATION OF BIDS FOR: UPRR 16-INCH TRANSMISSION MAIN-PHASE 2 (Pershing Drive from
Raynor Street to Alta Street)

BID TO BE OPENED: June 27, 2017 @ 2:00 P.M.

BID NUMBER: 29-17

ITEM	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	BAIN ENTERPRISES	ZTEX CONSTRUCTION,	SMITHCO	SPIESS	DANNY SANDER
					dba BAIN CONSTRUCTION	INC.	CONSTRUCTION, INC	CONSTRUCTION	CONSTRUCTION
					14160 Blair Drive Horizon City, TX 79928	1328 Henry Brennan Dr. El Paso, TX 79936	6 King Canyon Loop Caballo, NM 87931	P.O. Box 2849 Santa Maria, CA 93457	P.O. Box 370937 El Paso, TX 79937
	manhole, complete in place.			\$36,000.00 TOTAL	\$32,000.00	\$64,626.56	\$31,600.00	\$34,000.00	\$40,000.00
13	Furnish and Install buried 16-inch butterfly valve with manhole, complete in place.	13	EA	\$14,000.00 UNIT \$182,000.00 TOTAL	\$14,700.00 \$191,100.00	\$14,358.41 \$186,633.33	\$14,000.00 \$182,000.00	\$13,000.00 \$169,000.00	\$16,500.00 \$214,500.00
						Bidder's Total: \$186,634.00			
14	Furnish blow-off valve with manhole, complete in place.	5	EA	\$5,000.00 UNIT \$25,000.00 TOTAL	\$5,900.00 \$29,600.00	\$7,066.74 \$35,333.70	\$7,800.00 \$39,000.00	\$9,000.00 \$45,000.00	\$9,000.00 \$45,000.00
						Bidder's Total: \$35,334.00			
15	Furnish and Install 2-inch combination air release/vacuum valve with concrete vault, complete in place.	1	EA	\$8,000.00 TOTAL	\$8,875.00	\$6,749.04	\$6,100.00	\$5,500.00	\$11,500.00
16	Furnish and Install 3-inch combination air release/vacuum valve with concrete vault, complete in place.	4	EA	\$12,000.00 UNIT \$48,000.00 TOTAL	\$7,650.00 \$30,600.00	\$9,281.25 \$37,125.00	\$7,500.00 \$30,000.00	\$6,000.00 \$24,000.00	\$11,500.00 \$46,000.00
17	Furnish and Install buried 12-inch gate valve with bonnet box, complete in place.	1	EA	\$3,500.00 TOTAL \$3,500.00	\$3,140.00	\$2,628.73	\$3,700.00	\$4,000.00	\$4,500.00
18	Furnish and Install buried 8-inch gate valve with bonnet box, complete in place.	8	EA	\$2,500.00 UNIT \$20,000.00 TOTAL	\$1,620.00 \$12,960.00	\$1,617.87 \$12,942.96	\$2,600.00 \$20,800.00	\$1,600.00 \$12,800.00	\$3,500.00 \$28,000.00
						Bidder's Total: \$12,943.00			
19	Furnish and Install buried 4-inch through 6-inch gate valves with bonnet box, complete in place.	19	EA	\$1,800.00 UNIT \$34,200.00 TOTAL	\$1,050.00 \$19,950.00	\$1,266.75 \$24,068.25	\$1,900.00 \$36,100.00	\$1,300.00 \$24,700.00	\$3,000.00 \$57,000.00
						Bidder's Total: \$24,069.00			
20	Furnish and Install 16-inch tie-in (including 16-inch gate valve with bonnet box) to the existing 48-inch water main, utilizing wet tap methods, complete in place.	1	LS	\$20,000.00 TOTAL	\$15,625.00	\$18,396.00	\$13,000.00	\$20,000.00	\$57,000.00
21	Furnish and Install 12-inch tie-in (including 12-inch gate valve with bonnet box) to the existing 14-inch water main, utilizing wet tap methods, complete in place.	1	LS	\$11,500.00 TOTAL	\$6,770.00	\$5,962.00	\$6,500.00	\$12,000.00	\$32,000.00
22	Cut and Plug existing water main and distribution lines, complete in place.	16	EA	\$1,500.00 UNIT \$24,000.00 TOTAL	\$1,280.00 \$20,160.00	\$1,230.47 \$19,687.52	\$1,500.00 \$24,000.00	\$300.00 \$4,800.00	\$4,000.00 \$64,000.00
						Bidder's Total: \$19,688.00			

Prepared By: SC
 Reviewed By: LS
 Reviewed By: DB
 Date: 7-25-17

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					14160 Blair Drive Horizon City, TX 79928	1326 Henry Brennan Dr. El Paso, TX 79936	6 King Canyon Loop Caballo, NM 87931	P.O. Box 2849 Santa Maria, CA 93457	P.O. Box 370937 El Paso, TX 79937					
23	Remove and Replace pavement with HMAC only, complete in place.	6,000	SY	\$38.00 UNIT \$228,000.00 TOTAL	\$19.35 \$116,100.00	\$13.88 \$83,280.00	\$28.00 \$168,000.00	\$15.00 \$90,000.00	\$27.00 \$162,000.00					
24	Remove and Replace pavement with HMAC and cement stabilized base, complete in place.	6,500	SY	\$24.00 UNIT \$156,000.00 TOTAL	\$45.00 \$292,500.00	\$44.60 \$289,900.00	\$68.00 \$442,000.00	\$40.00 \$260,000.00	\$54.00 \$351,000.00					
25	Reconnect existing potable water service lines and meters, complete in place.	18	EA	\$2,500.00 UNIT \$45,000.00 TOTAL	\$622.00 \$11,196.00	\$475.00 \$8,550.00	\$800.00 \$14,400.00	\$400.00 \$7,200.00	\$2,000.00 \$36,000.00					
26	Produce and provide DVD video for project site, complete in place.	1	LS	\$3,000.00 TOTAL	\$1,860.00	\$1,875.00	\$1,500.00	\$5,000.00	\$5,000.00					
27	Sealing of Abandoned 16-inch pipe (including Phase 1 abandoned pipe and as detailed on Sheets 18 and 19).	1	LS	\$65,200.00 TOTAL	\$47,300.00	\$174,500.00	\$65,000.00	\$5,000.00	\$282,000.00					
28	Restoration of sod and irrigation lines at Alta Vista Ball Field (for Line D construction through ball field).	1	LS	\$3,500.00 TOTAL	\$6,200.00	\$11,250.00	\$10,000.00	\$10,000.00	\$18,500.00					
29	Temporary Fence at Alta Vista Ball Field (for Line D construction through ball field).	1	LS	\$2,625.00 TOTAL	\$1,860.00	\$3,500.00	\$4,500.00	\$600.00	\$16,000.00					
30	Remove and Restore existing perimeter Alta Vista Ball Field fence (for Line D construction through ball field).	1	LS	\$4,375.00 TOTAL	\$1,860.00	\$4,000.00	\$6,000.00	\$7,500.00	\$10,000.00					
TOTAL BID PRICE (ITEMS 1 THROUGH 30)				\$2,119,986.75	\$2,129,763.00	\$2,163,448.74	\$2,403,728.25	\$2,978,875.00	\$2,984,830.00					
					Bidder's Total: \$2,128,773.00	Bidder's Total: \$2,163,454.23	5% Reciprocity Applies \$114,463.25	No Reciprocity						
					RESIDENT BIDDER BID BOND PROVIDED	RESIDENT BIDDER BID BOND PROVIDED	NONRESIDENT BIDDER BID BOND PROVIDED	NONRESIDENT BIDDER BID BOND PROVIDED	RESIDENT BIDDER BID BOND PROVIDED					