



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

Wednesday, March 09, 2022

SUBJECT

Bid Number 31-22, Northeast Dyer/Railroad 18-Inch and 36-Inch Sanitary Sewer Interceptors and 16-Inch Water Main Improvements Phase 1

BACKGROUND

The Northeast Dyer/Railroad 18-Inch and 36-Inch Sanitary Sewer Interceptors and 16-Inch Water Main Improvements Phase 1 project consists of the installation of two sanitary sewer interceptors and a potable water main along Dyer Street (US 54) and extends from Mesquite Flor Dr. to Railroad Dr., along Carlos Ramirez Dr. This project will accommodate growth in Northeast El Paso.

STRATEGIC OBJECTIVES SUPPORTED

Improve Infrastructure

EVALUATION PROCESS

EPWater received three bids for this project on February 16, 2022. The bidders were CMD Endeavors, Inc., Smithco Construction, Inc., and Spiess Construction Co., Inc. The bids ranged from \$6,931,000 to \$8,599,605 or 18% to 46% over the engineer's estimate of \$5,897,341.

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

Staff evaluated the engineer's evaluation matrix and recommended award of Bid Number 31-22, Northeast Dyer/Railroad 18-Inch and 36-Inch Sanitary Sewer Interceptors and 16-Inch Water Main Improvements Phase 1, to the lowest responsive, responsible bidder, CMD Endeavors, Inc., in the amount of \$6,931,000.

FINANCIAL IMPLICATIONS

Sufficient funds are available in Account Numbers 2950 and 3269, and the funding sources are the Improvement Fund, Water and Sewer Revenue Improvement and Refunding Bonds, Series 2022 and Commercial Paper Fund.

PROPOSED ACTION REQUESTED

Consider and award Bid Number 31-22, Northeast Dyer/Railroad 18-Inch and 36-Inch Sanitary Sewer Interceptors and 16-Inch Water Main Improvements Phase 1, to the lowest responsive, responsible bidder, CMD Endeavors, Inc., in the amount of \$6,931,000 and authorize the use of commercial paper.

SUPPORTING DOCUMENTATION PROVIDED

- Bid Tab

Prepared By: 8
 Reviewed By: al
 Reviewed By: WS
 Reviewed By: 02
 Date: 2-28-22

PUBLIC SERVICE BOARD - EL PASO WATER UTILITIES
TABULATION OF BIDS FOR: NORTHEAST DYER/RAILROAD 18 INCH AND 36INCH SANITARY SEWER
INTERCEPTORS AND 16 INCH WATER MAIN IMPROVEMENTS PHASE I
BID TO BE OPENED: FEBRUARY 16, 2021 at 2:30 P.M.
BID NUMBER: 31-22

BASE BID 1 SANITARY SEWER					CMD ENDEAVORS, INC.	SPIESS CONSTRUCTION CO., INC.	SMITHCO CONSTRUCTION, INC.
ITEM	DESCRIPTION	UNIT	QTY	ENGINEER'S ESTIMATE	11351 James Watt Building D El Paso, TX. 79936	201 S. Broadway Street Orcutt. CA 93455	6 King Canyon Loop, Box 45 Caballo, NM 87931
1	Insurance, Bonds, and Mobilization/Demobilization Not to Exceed 5% of Bid Items No. 2 through 20.	LS	1	\$183,803.00 TOTAL	\$120,000.00	\$240,000.00	\$300,000.00
2	Furnish and Install 36-Inch Diameter (SDR-35) Sanitary Sewer Pipe, including all material & labor and all related appurtenances. Complete in Place.	LF	3,500	\$300.00 UNIT \$1,050,000.00 TOTAL	\$390.00 \$1,365,000.00	\$450.00 \$1,575,000.00	\$420.00 \$1,470,000.00
3	Furnish and Install 36-Inch Diameter (SDR-26) Sanitary Sewer Pipe, including all material & labor and all related appurtenances. Complete in Place.	LF	1,120	\$275.00 UNIT \$308,000.00 TOTAL	\$490.00 \$548,800.00	\$510.00 \$571,200.00	\$550.00 \$616,000.00
4	Furnish and Install 30-Inch Diameter (SDR-26) Sanitary Sewer Pipe, including all material & labor and all related appurtenances. Complete in Place.	LF	1,620	\$250.00 UNIT \$405,000.00 TOTAL	\$385.00 \$623,700.00	\$445.00 \$720,900.00	\$550.00 \$891,000.00
5	Furnish and Install 18-Inch Diameter (SDR-35) Sanitary Sewer Pipe, including all material & labor and all related appurtenances. Complete in Place	LF	5,310	\$225.00 UNIT \$1,194,750.00 TOTAL	\$190.00 \$1,008,900.00	\$247.00 \$1,311,570.00	\$280.00 \$1,486,800.00
6	Furnish and Install 12-Inch Diameter (SDR-35) Sanitary Sewer Pipe, including all material & labor and all related appurtenances. Complete in Place.	LF	310	\$150.00 UNIT \$46,500.00 TOTAL	\$90.00 \$27,900.00	\$450.00 \$139,500.00	\$100.00 \$31,000.00
7	Furnish and Install 8-Inch Diameter (SDR-35) Sanitary Sewer Pipe, including all material & labor and all related appurtenances. Complete in Place.	LF	240	\$85.00 UNIT \$20,400.00 TOTAL	\$75.00 \$18,000.00	\$50.00 \$12,000.00	\$250.00 \$60,000.00
8	Furnish and Install 8-Inch Diameter (SDR-26) Sanitary Sewer Pipe, including all material & labor and all related appurtenances. Complete in Place.	LF	40	\$65.00 UNIT \$2,600.00 TOTAL	\$77.00 \$3,080.00	\$60.00 \$2,400.00	\$500.00 \$20,000.00
9	Furnish and Install Cast-In-Place 96-Inch Diameter Manhole Box (6' Standard), including all material & labor and all related appurtenances. Complete in Place	EA	1	\$15,000.00 TOTAL	\$20,000.00	\$49,000.00	\$100,000.00
10	Additional Vertical Depth of 96-Inch Manhole, including all material & labor and all related appurtenances. Complete in Place	VF	12	\$400.00 UNIT \$4,800.00 TOTAL	\$400.00 \$4,800.00	\$200.00 \$2,400.00	\$450.00 \$5,400.00
11	Furnish and Install Pre-Cast 72-Inch Diameter Manhole (6' Standard), including all material & labor and all related appurtenances. Complete in Place	EA	25	\$6,500.00 UNIT \$162,500.00 TOTAL	\$12,500.00 \$312,500.00	\$18,000.00 \$450,000.00	\$16,000.00 \$400,000.00
12	Additional Vertical depth of 72-Inch Manhole, including all material and labor and all related appurtenances. Complete in Place	VF	293	\$250.00 UNIT \$73,250.00 TOTAL	\$200.00 \$58,600.00	\$110.00 \$32,230.00	\$300.00 \$87,900.00

Prepared By: CS

Reviewed By: CS

Reviewed By: CS

Reviewed By: CS

Date: 2-28-22

PUBLIC SERVICE BOARD - EL PASO WATER UTILITIES

TABULATION OF BIDS FOR: NORTHEAST DYER/RAILROAD 18 INCH AND 36INCH SANITARY SEWER INTERCEPTORS AND 16 INCH WATER MAIN IMPROVEMENTS PHASE I

BID TO BE OPENED: FEBRUARY 16, 2021 at 2:30 P.M.

BID NUMBER: 31-22

BASE BID 1 SANITARY SEWER					CMD ENDEAVORS, INC.	SPIESS CONSTRUCTION CO., INC.	SMITHCO CONSTRUCTION, INC.
ITEM	DESCRIPTION	UNIT	QTY	ENGINEER'S ESTIMATE	11351 James Watt Building D El Paso, TX. 79936	201 S. Broadway Street Orcutt. CA 93455	6 King Canyon Loop, Box 45 Caballo, NM 87931
13	Furnish and Install Pre-Cast 48-Inch Diameter Manhole (6' Standard), including all material & labor and all related appurtenances. Complete in Place	EA	4	\$5,500.00 UNIT \$22,000.00 TOTAL	\$7,500.00 \$30,000.00	\$9,000.00 \$36,000.00	\$8,500.00 \$34,000.00
14	Additional Vertical Depth of 48-Inch Manhole, including all material & labor and all related appurtenances. Complete in Place	VF	39	\$175.00 UNIT \$6,825.00 TOTAL	\$150.00 \$5,850.00	\$100.00 \$3,900.00	\$200.00 \$7,800.00
15	Furnish and Install 60-inch Diameter Steel Casing by Boring Methods, including all materials & labor and all related appurtenances. Complete in Place	LF	310	\$600.00 UNIT \$186,000.00 TOTAL	\$2,100.00 \$651,000.00	\$1,600.00 \$496,000.00	\$2,000.00 \$620,000.00
16	Furnish and Install 24-inch Diameter Steel Casing by Boring Methods, including all materials & labor and all related appurtenances. Complete in Place	LF	120	\$250.00 UNIT \$30,000.00 TOTAL	\$900.00 \$108,000.00	\$580.00 \$69,600.00	\$600.00 \$72,000.00
17	Remove and Replace Concrete Storm Culvert with Concrete Wing Walls, including all material & labor and all related appurtenances. Complete in Place	EA	7	\$5,000.00 UNIT \$35,000.00 TOTAL	\$2,500.00 \$17,500.00	\$1,000.00 \$7,000.00	\$10,000.00 \$70,000.00
18	Trench Safety System for the Sanitary Sewer Pipelines, including all material & labor and all related appurtenances. Complete in Place	LF	12,170	\$2.50 UNIT \$30,425.00 TOTAL	\$2.00 \$24,340.00	\$5.00 \$60,850.00	\$30.00 \$365,100.00
19	Provide and Maintain Approved Traffic Control, including all material & labor and all related appurtenances. Complete in Place	MO	8	\$10,000.00 UNIT \$80,000.00 TOTAL	\$7,500.00 \$60,000.00	\$10,000.00 \$80,000.00	\$15,000.00 \$120,000.00
20	Video Tape Pipeline Route, Before and After Construction. Complete in Place	LS	1	\$3,000.00 TOTAL	\$2,000.00	\$6,000.00	\$2,500.00
TOTAL BASE BID I SANITARY SEWER (ITEMS 1-20)				\$3,859,853.00	\$5,009,970.00	\$5,865,550.00	\$6,759,500.00

BASE BID II: POTABLE WATER

ITEM	DESCRIPTION	UNIT	QTY	ENGINEER ESTIMATE			
1	Mobilization/Demobilization, Not to Exceed 5% of Bid Items No. 2 through 20.	LS	1	\$97,023.00 UNIT	\$50,000.00	\$120,000.00	\$35,000.00
2	Furnish and Install 16-Inch Diameter Approved Water Pipe, installed with fittings, restrainers, and related appurtenances. Complete in Place	LF	6,240	\$165.00 UNIT \$1,029,600.00 TOTAL	\$139.00 \$867,360.00	\$238.00 \$1,485,120.00	\$132.00 \$823,680.00

Prepared By: D
 Reviewed By: CL
 Reviewed By: MS
 Reviewed By: D
 Date: 2.28.22

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TABULATION OF BIDS FOR: NORTHEAST DYER/RAILROAD 18 INCH AND 36INCH SANITARY SEWER
INTERCEPTORS AND 16 INCH WATER MAIN IMPROVEMENTS PHASE I
BID TO BE OPENED: FEBRUARY 16, 2021 at 2:30 P.M.
BID NUMBER: 31-22

BASE BID II: POTABLE WATER					CMD ENDEAVORS, INC.	SPIESS CONSTRUCTION CO., INC.	SMITHCO CONSTRUCTION, INC.
ITEM	DESCRIPTION	UNIT	QTY	ENGINEER'S ESTIMATE	11351 James Watt Building D El Paso, TX. 79936	201 S. Broadway Street Orcutt. CA 93455	6 King Canyon Loop, Box 45 Caballo, NM 87931
16	Hot Mix Asphaltic Concrete (HMAC) Removal and Replacement with Base Course, including all material & labor and all related appurtenances. Complete in Place	SY	1500	\$45.00 UNIT \$67,500.00 TOTAL	\$45.00 \$67,500.00	\$39.00 \$58,500.00	\$55.00 \$82,500.00
17	Hot Mix Asphaltic Concrete (HMAC) Removal and Replacement with 2-Sack Flowable Fill, including all material & labor and all related appurtenances. Complete in Place	SY	1255	\$125.00 UNIT \$156,875.00 TOTAL	\$58.00 \$72,790.00	\$45.00 \$56,475.00	\$65.00 \$81,575.00
18	Furnish and Install 4-Inch Miscellaneous Striping. Complete in Place	LF	520	\$5.00 UNIT \$2,600.00 TOTAL	\$4.00 \$2,080.00	\$5.00 \$2,600.00	\$15.00 \$7,800.00
19	Light Pole relocation, including all material & labor and overhead line disconnection & reconnection required for complete Complete in Place	EA	2	\$7,500.00 UNIT \$15,000.00 TOTAL	\$3,500.00 \$7,000.00	\$4,000.00 \$8,000.00	\$6,500.00 \$13,000.00
20	Trench Safety System for the Water Pipelines, including all material & labor and all related appurtenances.	LF	7,320	\$2.00 UNIT \$14,640.00 TOTAL	\$1.00 \$7,320.00	\$3.00 \$21,960.00	\$1.00 \$7,320.00
TOTAL BASE BID II POTABLE WATER (ITEMS 1-20)				\$2,037,488.00	\$1,921,030.00	\$2,734,055.00	\$1,816,975.00
TOTAL BASE BID I AND II CONSTRUCTION COSTS:				\$5,897,341.00	\$6,931,000.00	\$8,599,605.00 Reciprocity Does Not Apply	\$8,576,475.00 5% Reciprocity Applies \$428,823.75 \$9,005,298.75
					RESIDENT BIDDER BID BOND PROVIDED	NON-RESIDENT BIDDER BID BOND PROVIDED	NON-RESIDENT BIDDER BID BOND PROVIDED