



**PUBLIC SERVICE BOARD MEETING
AGENDA ITEM**

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

SUBJECT

Bid Number 38-17, Canal Water Treatment Plant Long Term Structural Repairs – Phase 2 Rebid

BACKGROUND

The Canal Water Treatment Plant Long Term Structural Repairs – Phase 2 Rebid is in the long term structural repair program. The work in Phase 2 includes replacement of structural steel and concrete repairs.

EVALUATION PROCESS

El Paso Water received three bids for this project on July 18, 2017. The bidders were Tao Industries (dba Hawk Construction), Smithco Construction, and Black Stallion Contractors. The bids ranged from \$259,423.00 to \$518,764.44 or 7% to 114% above the Engineer's Estimate of \$242,749.50.

The project consulting engineer, CDM Smith, evaluated the prequalifications of the apparent low bidder and has determined that Hawk Construction does not meet the experience as specified in the contractor prequalification form.

Smithco Construction is the second lowest bidder with a bid in the amount of \$333,610.00 or 37% above the Engineer's Estimate and 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 matrix and recommends award of Bid Number 38-17, Canal Water Treatment Plant Long Term Structural Repairs – Phase 2 Rebid, to Smithco Construction as the lowest responsive, responsible bidder in the amount of \$333,610.00.

FINANCIAL IMPLICATIONS

Sufficient funds are available in account number 1216-022, and the funding source is the Commercial Paper Program.

PROPOSED ACTION REQUESTED

Consider Bid Number 38-17, Canal Water Treatment Plant Long Term Structural Repairs – Phase 2 Rebid, declare Tao Industries, Inc. (dba Hawk Construction) not responsible, and award to the lowest responsive, responsible bidder, Smithco Construction, Inc., in the amount of \$333,610, and authorize the use of commercial paper.

SUPPORTING DOCUMENTATION PROVIDED

) Bid Tab

PUBLIC SERVICE BOARD - EL PASO WATER UTILITIES

TABULATION OF BIDS FOR: Canal Water Treatment Plant Long Term Structural Repairs Phase 2 - REBID

BID TO BE OPENED: July 18, 2017 @ 2:00 P.M.

BID NUMBER: 38-17

Prepared By:
 Reviewed By:
 Reviewed By:
 Date: 7/28/17

ITEM	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	SMITHCO	BLACK STALLION	TAO INDUSTRIES, INC.
					CONSTRUCTION, INC.	CONTRACTORS, INC.	d.b.a.HAWK CONSTRUCTION
					6 King Canyon Loop Caballo, NM 87931	5708 Doniphan Road El Paso, TX 79912	12779 Azogue Ave. El Paso, TX 79938
BASE BID							
1	Fabricate and Install Floor-Wall Structural Steel	1	LS	\$77,000.00 TOTAL	\$85,000.00	\$367,040.40	\$90,000.00
2	Video Tape Project, complete in place. The total value of this item shall not exceed \$1,250.	1	LS	\$1,250.00 TOTAL	\$1,250.00	\$1,248.00	\$1,250.00
3	Insurance, Bonds, Mobilization and Demobilization, with respect to the Base Bid of this project in conformance with these Contract Documents. Total amount for the sum of this item may not exceed 5% of total amount of Bid Proposal items 1 through 2.	1	LS	\$3,912.50 TOTAL	\$4,000.00	\$18,414.42	\$4,500.00
TOTAL BASE BID (ITEMS 1 THROUGH 3)				\$82,162.50	\$90,250.00	\$388,702.82	\$95,750.00
ADDITIVE ALTERNATE NO. 1							
A1-1	Repair Type 1 - Repair Cracks (20 mils to 3/16") In Concrete Walls, complete in place.	250	LF	\$40.00 UNIT \$10,000.00 TOTAL	\$36.00 \$9,000.00	\$32.40 \$8,100.00	\$24.00 \$6,000.00
A1-2	Repair Type 2 - Repair Cracks In Concrete Slabs (20 mils to 3/16"), complete in place.	150	LF	\$45.00 UNIT \$6,750.00 TOTAL	\$45.00 \$7,200.00	\$32.40 \$4,860.00	\$20.00 \$3,000.00
A1-3	Repair Type 3 - Repair Wide Cracks (3/16" to 1") In Concrete Walls, complete in place.	150	LF	\$50.00 UNIT \$7,500.00 TOTAL	\$58.00 \$8,700.00	\$36.00 \$5,400.00	\$28.00 \$4,350.00
A1-3A	Repair Type 3A - Repair of Spalled Cracks and Joints In Concrete Walls, complete in place.	120	LF	\$53.00 UNIT \$6,360.00 TOTAL	\$100.00 \$12,000.00	\$38.40 \$4,608.00	\$36.00 \$4,320.00
A1-4	Repair Type 4 - Repair Wide Cracks (3/16" to 1") in Concrete Slabs, complete in place.	65	LF	\$45.00 UNIT \$2,925.00 TOTAL	\$58.00 \$3,770.00	\$40.80 \$2,652.00	\$44.00 \$2,860.00
A1-5	Repair Type 5 - Repair of Cracks and Tie-Rod Holes in Walls by Foam Injection, complete in place.	95	LF	\$60.00 UNIT \$5,700.00 TOTAL	\$136.00 \$12,920.00	\$54.00 \$5,130.00	\$60.00 \$5,700.00
						Bidder's Total:	\$26,748.00

PUBLIC SERVICE BOARD - EL PASO WATER UTILITIES

TABULATION OF BIDS FOR: Canal Water Treatment Plant Long Term Structural Repairs Phase 2 - REBID

BID TO BE OPENED: July 18, 2017 @ 2:00 P.M.

BID NUMBER: 38-17

Prepared By:
 Reviewed By:
 Reviewed By:
 Date: 7/28/17

ITEM	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	SMITHCO	BLACK STALLION	TAG INDUSTRIES, INC.
					CONSTRUCTION, INC	CONTRACTORS, INC	d.b.a.HAWK CONSTRUCTION
					6 King Canyon Loop Cabello, NM 87931	6706 Doniphan Road El Paso, TX 79912	12779 Azogue Ave. El Paso, TX 79938
A1-6	Repair Type 6 - Repair of Spalls on Vertical or Horizontal Surfaces of Concrete Walls, Slabs, and Columns With or Without Exposed Reinforcement, complete in place.	200	SF	\$85.00 UNIT \$17,000.00 TOTAL	\$124.00 \$24,800.00	\$78.00 \$15,600.00	\$67.00 \$11,400.00
A1-8	Repair Type 8 - Repair of Cracks at the Underside of Elevated Slabs and Trough Slabs (3/16 Inch and wider), complete in place.	50	LF	\$55.00 UNIT \$2,750.00 TOTAL	\$158.00 \$7,900.00	\$84.00 \$4,200.00	\$112.00 \$5,600.00
A1-15	Video Tape Project, complete in place. The total value of this item shall not exceed \$1,250.	1	LS	\$1,250.00 TOTAL	\$1,250.00	\$1,248.00	\$1,250.00
A1-16	Insurance, Bonds, Mobilization and Demobilization, with respect to Additive Alternate No. 1 of this project in conformance with these Contract Documents. Total amount for the sum of this item may not exceed 5% of total amount of Bid Proposal items A1-1 through A1-15.	1	LS	\$3,011.75 TOTAL	\$4,250.00	\$3,657.30	\$2,000.00
TOTAL ADDITIVE ALTERNATE NO. 1				\$63,246.75	\$91,790.00	\$55,455.30	\$46,480.00
ADDITIVE ALTERNATE NO. 2						Bidder's Total:	\$76,803.30
A2-1	Repair Type 1 - Repair Cracks (20 mils to 3/16") in Concrete Walls, complete in place.	230	LF	\$40.00 UNIT \$9,200.00 TOTAL	\$38.00 \$8,740.00	\$32.40 \$7,452.00	\$38.00 \$8,740.00
A2-2	Repair Type 2 - Repair Cracks In Concrete Slabs (20 mils to 3/16"), complete in place.	130	LF	\$45.00 UNIT \$5,850.00 TOTAL	\$50.00 \$6,500.00	\$32.40 \$4,212.00	\$34.00 \$4,420.00
A2-3	Repair Type 3 - Repair Wide Cracks (3/16" to 1") in Concrete Walls, complete in place.	130	LF	\$50.00 UNIT \$6,500.00 TOTAL	\$60.00 \$7,800.00	\$36.00 \$4,680.00	\$111.00 \$14,430.00
A2-3A	Repair Type 3A - Repair of Spalled Cracks and Joints in Concrete Walls, complete in place.	115	LF	\$53.00 UNIT \$6,095.00 TOTAL	\$105.00 \$12,075.00	\$39.40 \$4,416.00	\$50.00 \$5,750.00
A2-4	Repair Type 4 - Repair Wide Cracks in Concrete Slabs (3/16" to 1"), complete in place.	55	LF	\$45.00 UNIT \$2,475.00 TOTAL	\$60.00 \$3,300.00	\$40.80 \$2,244.00	\$52.00 \$2,860.00

PUBLIC SERVICE BOARD - EL PASO WATER UTILITIES

TABULATION OF BIDS FOR: Canal Water Treatment Plant Long Term Structural Repairs Phase 2 - REBID

BID TO BE OPENED: July 18, 2017 @ 2:00 P.M.

BID NUMBER: 38-17

Prepared By: SC
 Reviewed By: [Signature]
 Reviewed By: _____
 Date: 7/28/17

ITEM	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	SMITHCO CONSTRUCTION, INC	BLACK STALLION CONTRACTORS, INC.	TAO INDUSTRIES, INC. d.b.a.HAWK CONSTRUCTION
					6 King Canyon Loop Cabalio, NM 87931	5708 Doniphan Road El Paso, TX 79912	12779 Azogue Ave. El Paso, TX 79938
A2-5	Repair Type 5 - Repair of Cracks and Tie-Rod Holes in Walls By Foam Injection, complete in place.	50	LF	\$60.00 UNIT \$3,000.00 TOTAL	\$140.00 \$7,000.00	\$54.00 \$2,700.00	\$57.00 \$2,850.00
A2-6	Repair Type 6 - Repair of Spalls on Vertical or Horizontal Surfaces of Concrete Walls, Slabs, and Columns With or Without Exposed Reinforcement, complete in place.	100	SF	\$85.00 UNIT \$8,500.00 TOTAL	\$130.00 \$13,000.00	\$78.00 \$7,800.00	\$111.00 \$11,100.00
A2-8	Repair Type 8 - Repair of Cracks at the Underside of Elevated Slabs and Trough Slabs (3/16 inch and wider), complete in place.	30	LF	\$55.00 UNIT \$1,650.00 TOTAL	\$185.00 \$4,950.00	\$84.00 \$2,520.00	\$184.00 \$5,520.00
					Bidder's Total: \$4,200.00		
A2-13	Repair Type 13 - Repair of New and Existing Expansion Joints at Two Troughs between Secondary Sedimentation Basins 'A' & 'B' and a Trough Between the Primary Sedimentation Basin and the Filter Building, complete in place.	14	LF	\$275.00 UNIT \$3,850.00 TOTAL	\$295.00 \$4,130.00	\$90.00 \$1,260.00	\$197.00 \$2,758.00
A2-14	Repair Type 14 - Install SS Cover Plate Over Combi-Flex in Bottom of Trough at New and Existing Expansion Joints at Two Troughs between Secondary Sedimentation Basins 'A' & 'B' and a Trough Expansion Joint between the Primary Sedimentation Basin and the Filter Building, complete in place.	14	LF	\$130.00 UNIT \$1,820.00 TOTAL	\$580.00 \$8,120.00	\$98.40 \$1,377.60	\$290.00 \$4,060.00
A2-15	Video Tape Project, complete in place. The total value of this item shall not exceed \$1,250.	1	LS	\$1,250.00 TOTAL	\$1,250.00	\$1,248.00	\$1,250.00
A2-16	Insurance, Bonds, Mobilization and Demobilization, with respect to Additive Alternate No. 2 of this project in conformance with these Contract Documents. Total amount for the sum of this item may not exceed 5% of total amount of Bid Proposal items A2-1 through A2-15.	1	LS	\$2,509.50 TOTAL	\$3,800.00	\$2,078.48	\$3,000.00
TOTAL ADDITIVE ALTERNATE NO. 2				\$52,899.50	\$80,665.00	\$41,989.08	\$66,738.00
					Bidder's Total: \$43,689.08		

PUBLIC SERVICE BOARD - EL PASO WATER UTILITIES

TABULATION OF BIDS FOR: Canal Water Treatment Plant Long Term Structural Repairs Phase 2 - REBID

BID TO BE OPENED: July 18, 2017 @ 2:00 P.M.

BID NUMBER: 38-17

Prepared By:
 Reviewed By:
 Reviewed By:
 Date: 7/28/17

ITEM	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	SMITHCO	BLACK STALLION	TAO INDUSTRIES, INC.
					CONSTRUCTION, INC	CONTRACTORS, INC	d.b.a.HAWK CONSTRUCTION
					6 King Canyon Loop Cabello, NM 87931	5706 Doniphan Road El Paso, TX 79912	12779 Azogue Ave. El Paso, TX 79938
ADDITIVE ALTERNATE NO. 3							
A3-1	Repair Type 1 - Repair Cracks (20 mils to 3/16") In Concrete Walls, complete in place.	320	LF	\$40.00 UNIT \$12,800.00 TOTAL	\$40.00 \$12,800.00	\$32.40 \$10,368.00	\$36.00 \$11,520.00
A3-2	Repair Type 2 - Repair Cracks In Concrete Slabs (20 mils to 3/16"), complete in place.	150	LF	\$46.00 UNIT \$6,900.00 TOTAL	\$53.00 \$7,950.00	\$32.40 \$4,860.00	\$38.00 \$5,700.00
A3-3	Repair Type 3 - Repair Wide Cracks (3/16" to 1") In Concrete Walls, complete in place.	150	LF	\$50.00 UNIT \$7,500.00 TOTAL	\$55.00 \$9,750.00	\$36.00 \$5,400.00	\$38.00 \$5,700.00
A3-3A	Repair Type 3A - Repair of Spalled Cracks and Joints In Concrete Walls, complete in place.	110	LF	\$53.00 UNIT \$5,830.00 TOTAL	\$110.00 \$12,100.00	\$38.40 \$4,224.00	\$52.00 \$5,720.00
A3-4	Repair Type 4 - Repair Wide Cracks in Concrete Slabs (3/16" to 1"), complete in place.	50	LF	\$45.00 UNIT \$2,250.00 TOTAL	\$65.00 \$3,250.00	\$40.80 \$2,040.00	\$57.00 \$2,850.00
A3-5	Repair Type 5 - Repair of Cracks and Tie-Rod Holes In Walls By Foam Injection, complete in place.	20	LF	\$60.00 UNIT \$1,200.00 TOTAL	\$150.00 \$3,000.00	\$54.00 \$1,080.00	\$140.00 \$2,800.00
A3-6	Repair Type 6 - Repair of Spalls on Vertical or Horizontal Surfaces of Concrete Walls, Slabs, and Columns With or Without Exposed Reinforcement, complete in place.	15	SF	\$85.00 UNIT \$1,275.00 TOTAL	\$138.00 \$2,070.00	\$78.00 \$1,170.00	\$185.00 \$2,775.00
A3-8	Repair Type 8 - Repair of Cracks at the Underside of Elevated Slabs and Trough Slabs (3/16 inch and wider), complete in place.	15	LF	\$55.00 UNIT \$825.00 TOTAL	\$175.00 \$2,625.00	\$54.00 \$1,260.00	\$155.00 \$2,325.00
A3-13	Repair Type 13 - Repair of New and Existing Expansion Joints at Two Troughs between Secondary Sedimentation Basins 'A' & 'B' and a Trough Between the Primary Sedimentation Basin and the Filter Building, complete in place.	7	LF	\$275.00 UNIT \$1,925.00 TOTAL	\$550.00 \$3,850.00	\$50.00 \$350.00	\$395.00 \$2,765.00

PUBLIC SERVICE BOARD - EL PASO WATER UTILITIES

TABULATION OF BIDS FOR: Canal Water Treatment Plant Long Term Structural Repairs Phase 2 - REBID

BID TO BE OPENED: July 18, 2017 @ 2:00 P.M.

BID NUMBER: 38-17

Prepared By: SC
 Reviewed By: [Signature]
 Reviewed By: _____
 Date: 7/28/17

ITEM	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	SMITHCO	BLACK STALLION	TAO INDUSTRIES, INC.
					CONSTRUCTION, INC	CONTRACTORS, INC	d.b.a.HAWK CONSTRUCTION
					6 King Canyon Loop Cabello, NM 87931	5706 Doniphan Road El Paso, TX 79912	12779 Azogue Ave. El Paso, TX 79938
A3-14	Repair Type 14 - Install SS Cover Plate Over Combi-Flex in Bottom of Trough at New and Existing Expansion Joints at Two Troughs between Secondary Sedimentation Basins 'A' & 'B' and a Trough Expansion Joint Between the Primary Sedimentation Basin and the Filter Building, complete in place.	7	LF	\$130.00 UNIT \$910.00 TOTAL	\$1,280.00 \$8,980.00	\$98.40 \$688.80	\$600.00 \$4,200.00
A3-15	Video Tape Project, complete in place. The total value of this item shall not exceed \$1,250.	1	LS	\$1,250.00 TOTAL	\$1,250.00	\$1,248.00	\$1,250.00
A3-18	Insurance, Bonds, Mobilization and Demobilization, with respect to Additive Alternate No. 3 of this project in conformance with these Contract Documents. Total amount for the sum of this item may not exceed 5% of total amount of Bid Proposal Items A3-1 through A3-15.	1	LS	\$2,125.75 TOTAL	\$3,300.00	\$1,848.44	\$2,400.00
TOTAL ADDITIVE ALTERNATE NO. 3				\$44,640.75	\$70,905.00	\$34,617.24	\$50,455.00
TOTAL BASE BID				\$82,162.50	\$90,250.00	\$388,702.82	\$95,750.00
TOTAL FOR ADDITIVE ALTERNATE NO. 1:				\$63,246.75	\$81,790.00	\$65,455.30	\$46,480.00
TOTAL FOR ADDITIVE ALTERNATE NO. 2:				\$52,689.50	\$80,685.00	\$41,989.08	\$66,738.00
TOTAL FOR ADDITIVE ALTERNATE NO. 3:				\$44,640.75	\$70,905.00	\$34,617.24	\$50,455.00
TOTAL BASE BID PLUS ADDITIVE ALTERNATES NO. 1-3 PRICE:				\$242,749.50	\$333,610.00		
					5% RECIPROCITY APPLIES \$16,680.50 \$350,290.50	Bidder's Total: \$518,764.44	\$259,423.00
					NON RESIDENT BIDDER BID BOND PROVIDED	RESIDENT BIDDER BID BOND PROVIDED	BIDDER DEEMED NOT RESPONSIBLE - DID NOT MEET BID SPECIFICATIONS
						\$541,732.44	
					NON RESIDENT BIDDER BID BOND PROVIDED	RESIDENT BIDDER BID BOND PROVIDED	RESIDENT BIDDER BID BOND PROVIDED