



**PUBLIC SERVICE BOARD MEETING  
AGENDA ITEM**

**REGULAR MEETING  
Wednesday, October 11, 2017**

**SUBJECT**

Bid Number SW53-17, Mesa Hills Control Basin

**BACKGROUND**

The Mesa Hills Control Basin is an existing detention pond that was developed to control the sediment and storm runoff from Arroyo 8. The basin is located near the southeast intersection of North Mesa Hills Drive and Double Tree Lane while the channel is located between the culverts under Tablerock Drive to the culvert under Mesa Street near North Mesa Hills Drive. The Mesa Hills Basin and channel are affected by an increasing amount of sediment and debris. These improvements include the restoration of the existing dam, basin and channel to re-establish the function of the stormwater system and reduce stormwater runoff downstream.

**EVALUATION PROCESS**

EPWater received three bids for this project on September 12, 2017. The bidders were Vertex Contractors, Spartan Construction of Texas, and Black Stallion Contractors. Black Stallion Contractors' bid did not include a bid bond and was deemed non-responsive. The low bid is from Vertex Contractors, at \$702,191.35 and the high bid is from Spartan Construction of Texas, at \$996,487.35. The bids ranged from 88.47% to 167.46% above the Engineer's Estimate of \$372,571.25. EPWater staff recommends rejecting both bids due to the difference between the bids and the engineers estimate. Staff will rebid this project after changes to the design are completed to better define the improvements required for the project.

**FINANCIAL IMPLICATIONS**

None

**PROPOSED ACTION REQUESTED**

Reject all bids for Bid Number SW53-17, Mesa Hills Control Basin

**SUPPORTING DOCUMENTATION PROVIDED**

J Bid Tab

PUBLIC SERVICE BOARD - EL PASO WATER UTILITIES

TABULATION OF BIDS FOR: MESA HILLS CONTROL BASIN

BID TO BE OPENED: SEPTEMBER 12, 2017 @ 2:00 P.M.

BID NUMBER: SW53-17

Prepared By: CC  
 Reviewed By: SC  
 Reviewed By: DD  
 Date: 9-28-17

ITEM	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	VERTEX	SPARTAN	BLACK STALLION
					CONTRACTORS, LLC.	CONSTRUCTION OF TX, INC.	CONTRACTORS, INC.
					9900 Yermoland El Paso, TX 79907	240 Thunderbird Suite E El Paso, TX 79912	5706 Doniphan Dr. El Paso, TX 79932
1	Insurance, Bonds and Move-In Related Expenses. Not to Exceed 5% of Bid Item Nos. 2 through No. 37. If Item No. 1 exceeds 5% bid may be deemed nonresponsive.	1	L.S.	\$11,500.00 TOTAL	\$24,785.00	\$49,927.50	\$46,418.17
2	Trench Safety System, Trench Box Method or Shoring, Shoring and Bracing Method	763	L.F.	\$2.00 UNIT \$1,506.00 TOTAL	\$6.58 \$6,460.74 Bidder's total: \$6,460.00	\$4.51 \$3,097.23 Bidder's total: \$3,700.24	\$12.00 \$9,036.00
3	Video Recording of Project Site (Before and After Construction) DVD Format	1	L.S.	\$2,000.00 TOTAL	\$2,036.00	\$1,228.50	\$4,200.00
4	Cleaning & Grubbing	12,534	S.Y.	\$0.50 UNIT \$6,267.00 TOTAL	\$1.29 \$16,168.86 Bidder's total: \$16,165.00	\$1.86 \$23,313.24 Bidder's total: \$23,347.06	\$2.40 \$30,091.60
5	Demolish Existing 18-Inch Pipe Located at the Mesa Hills Control Basin	125	LF	\$12.00 UNIT \$1,500.00 TOTAL	\$19.68 \$2,457.50 Bidder's total: \$2,458.00	\$37.65 \$4,731.25 Bidder's total: \$4,731.66	\$42.00 \$5,250.00
5	Demolish existing concrete outfall structure	1	EACH	\$200.00 UNIT	\$1,541.00	\$2,697.96	\$3,840.00

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ITEM	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	VERTEX	SPARTAN	BLACK STALLION
					CONTRACTORS, LLC	CONSTRUCTION OF TX, INC.	CONTRACTORS, INC.
					8800 Yermoland El Paso, TX 79907	240 Thunderbird Suite C El Paso, TX 79912	5706 Doniphan Dr. El Paso, TX 79932
7	Furnish and Install 30" Iron Pipe, Fittings and Appurtenances	124	L.F.	\$63.00 UNIT \$7,812.00 TOTAL	\$262.75 \$31,841.00	\$187.58 \$23,259.62	\$144.00 \$17,358.00
						Bidder's total: \$23,260.23	
8	Furnish and Install Concrete Headwall (4.2 cy concrete)	1	EACH	\$250.00 TOTAL	\$12,353.00	\$6,289.50	\$3,800.00
9	Basin/Slope Grading: CUT	29,224	C.Y.	\$3.00 UNIT \$87,672.00 TOTAL	\$3.00 \$113,973.60	\$12.42 \$363,254.32	\$10.80 \$315,819.20
					Bidder's total: \$113,830.00	Bidder's total: \$363,251.40	
10	Basin/Slope Grading: FILL	1,634	C.Y.	\$3.00 UNIT \$4,902.00 TOTAL	\$2.85 \$4,330.10	\$13.66 \$22,353.12	\$12.00 \$19,608.00
					Bidder's total: \$4,325.00	Bidder's total: \$22,355.58	
11	Furnish and Install 8" to 12" Rip-Rap (12" Embedded Depth)	28,188	S.F.	\$2.00 UNIT \$56,376.00 TOTAL	\$2.41 \$67,933.08	\$2.18 \$61,419.84	\$3.60 \$101,476.80
					Bidder's total: \$67,805.00	Bidder's total: \$61,444.21	
12	Remove Plants from Concrete Channel	655	L.F.	\$4.25 UNIT \$2,783.75 TOTAL	\$7.62 \$4,991.10	\$6.33 \$4,146.15	\$12.00 \$7,860.00
					Bidder's total: \$4,994.00	Bidder's total: \$4,147.14	

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Prepared By: CC  
 Reviewed By: SC  
 Reviewed By: DB  
 Date: 9-28-17

ITEM	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	VERTEX CONTRACTORS, LLC.	SPARTAN CONSTRUCTION OF TX, INC.	BLACK STALLION CONTRACTORS, INC.
					8800 Yarmolann El Paso, TX 79907	240 Thunderbird Suite E El Paso, TX 79912	5700 Donohan Dr El Paso, TX 79932
13	Patch/Seal damage portions of the existing Concrete Channel	12,124	S.F.	\$1.60 UNIT \$16,188.00 TOTAL	\$14.75 \$176,929.00 Bidder's total: \$176,972.00	\$3.45 \$41,627.90 Bidder's total: \$41,650.54	\$7.80 \$94,567.20
14	Replace 4' High Rock Wall with 4' High Concrete Wall	100	L.F.	\$80.00 UNIT \$8,480.00 TOTAL	\$222.94 \$23,631.64 Bidder's total: \$23,632.00	\$262.06 \$27,841.96 Bidder's total: \$27,041.70	\$300.00 \$31,800.00
15	Repair rock Wall (1' High)	65	L.F.	\$8.00 UNIT \$520.00 TOTAL	\$82.38 \$5,354.70 Bidder's total: \$5,355.00	\$36.86 \$2,385.90 Bidder's total: \$2,385.56	\$80.00 \$3,900.00
16	Install 2.5' High Concrete Retaining Wall & Foundation	411	L.F.	\$40.00 UNIT \$16,440.00 TOTAL	\$44.56 \$18,314.16 Bidder's total: \$18,314.00	\$37.64 \$15,470.04 Bidder's total: \$15,471.67	\$74.40 \$30,575.40
17	Remove and Replace 1'x1' Dipositor Block	5	L.F.	\$360.00 UNIT \$1,750.00 TOTAL	\$116.40 \$577.00	\$316.00 \$1,575.00	\$180.00 \$900.00
18	Howable Hill	33	C.Y.	\$150.00 UNIT \$6,270.00 TOTAL	\$424.73 \$14,016.09 Bidder's total: \$14,016.00	\$104.95 \$3,463.35 Bidder's total: \$3,463.27	\$144.00 \$4,752.00
19	Remove and Replace 6' High Rock Wall	68	L.F.	\$120.00 UNIT \$8,160.00 TOTAL	\$67.78 \$3,631.74 Bidder's total: \$3,631.00	\$73.71 \$4,275.18	\$132.00 \$7,856.00
20	Remove and Replace 6' Wide Sidewalk	68	L.F.	\$45.00 UNIT \$3,060.00 TOTAL	\$38.41 \$2,227.78 Bidder's total: \$2,228.00	\$73.71 \$4,275.18	\$80.00 \$3,480.00
21	Furnish and Install a 5'x5' Diamond Plate over Sidewalk Flume	1	EACH	\$450.00 UNIT \$450.00 TOTAL	\$754.00 \$754.00	\$2,242.80 \$2,242.80	\$2,400.00 \$2,400.00

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					8800 Yermoland El Paso, TX 79907	240 Thunderbird Suite F El Paso, TX 79912	5706 Danishan Dr El Paso, TX 79932
22	5' Wide Concrete Sidewalk Flume	95	S.F.	\$8.00 UNIT \$760.00 TOTAL	\$53.04 \$5,038.80	\$7.53 \$715.35	\$30.00 \$2,850.00
					Bidder's total: \$5,039.00	Bidder's total: \$715.21	
23	Install Mortared Riprap along slope at the upstream side of the channel at the Tahlerock Culvert	27	C.Y.	\$43.00 UNIT \$1,161.00 TOTAL	\$268.04 \$9,883.08	\$386.08 \$10,448.46	\$540.00 \$14,580.00
					Bidder's total: \$9,882.00	Bidder's total: \$10,448.30	
24	Furnish and Install Concrete Valley Gutter (4.5' wide x 6" thick)	14	C.Y.	\$300.00 UNIT \$4,200.00 TOTAL	\$341.07 \$4,774.98	\$474.50 \$6,643.00	\$540.00 \$7,560.00
					Bidder's total: \$4,775.00	Bidder's total: \$6,642.93	
25	Furnish and Install 24-inch PP Pipe, Fittings, and Appurtenances	299	L.F.	\$70.00 UNIT \$20,830.00 TOTAL	\$76.73 \$23,134.07	\$478.36 \$14,103.62	\$93.00 \$27,794.00
					Bidder's total: \$23,640.30		
26	Furnish and Install 30-inch PP Pipe, Fittings, and Appurtenances	330	L.F.	\$100.00 UNIT \$29,700.00 TOTAL	\$124.23 \$40,895.90	\$201.02 \$66,336.60	\$144.00 \$47,520.00
					Bidder's total: \$40,997.00	Bidder's total: \$66,337.43	
27	Furnish and Install Concrete Manhole	4	EACH	\$5,500.00 UNIT \$22,000.00 TOTAL	\$4,630.26 \$19,357.00	\$8,053.50 \$32,214.00	\$10,800.00 \$43,200.00
28	Furnish and Install Concrete Inlet Structure	1	EACH	\$3,500.00 TOTAL	\$15,266.00	\$11,922.75	\$12,600.00
29	Furnish and Install Concrete Outlet Structure	1	EACH	\$4,500.00 TOTAL	\$8,713.00	\$11,203.50	\$14,400.00
30	Concrete Pipe Appurtenances (1.0 cu yd concrete)	12	EACH	\$85.00 UNIT \$1,032.00 TOTAL	\$1,318.25 \$16,819.00	\$1,281.05 \$15,372.60	\$900.00 \$11,520.00

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					8800 Yermoland El Paso, TX 79907	240 Thunderbird Suite C El Paso, TX 79912	5706 Doniphan Dr. El Paso, TX 79932
31	Demolish and remove drop inlet, including grate, curb & gutter, sidewalk, driveway, and asphalt roadway as needed, excavation and removal of rubble and debris, as well as coordination with stake holders for a complete removal and off-site disposal	1,765	S.F.	\$10.00 UNIT \$17,650.00 TOTAL	\$5.61 \$9,801.65 Bidder's total: \$0,007.00	\$4.30 \$7,589.50 Bidder's total: \$7,580.00	\$18.00 \$31,770.00
32	Furnish and install reinforced cast-in-place concrete curb and gutter	23	L.F.	\$16.50 UNIT \$379.50 TOTAL	\$23.09 \$531.07 Bidder's total: \$031.00	\$25.10 \$577.30 Bidder's total: \$077.19	\$30.00 \$690.00
33	Furnish and install reinforced cast-in-place concrete sidewalk	35	S.Y.	\$35.00 UNIT \$1,365.00 TOTAL	\$54.79 \$2,136.81 Bidder's total: \$2,137.00	\$119.07 \$4,643.73 Bidder's total: \$4,643.74	\$60.00 \$2,340.00
34	Furnish and install reinforced cast-in-place concrete curb driveway apron	8	L.F.	\$43.00 UNIT \$344.00 TOTAL	\$60.50 \$724.00 Bidder's total: \$1,505.70	\$168.21 \$1,505.68 Bidder's total: \$1,505.70	\$30.00 \$240.00
35	Furnish and install asphalt roadway	495	S.F.	\$7.00 UNIT \$3,465.00 TOTAL	\$4.35 \$2,166.10 Bidder's total: \$2,167.00	\$8.77 \$4,341.15 Bidder's total: \$4,339.91	\$12.00 \$5,940.00
36	Furnish and install landscaping and repair irrigation as needed	615	S.F.	\$10.00 UNIT \$6,150.00 TOTAL	\$2.54 \$2,070.10 Bidder's total: \$2,071.00	\$3.69 \$3,007.35 Bidder's total: \$3,003.68	\$18.00 \$14,870.00
37	Erosion Control Within Site Area	1	L.S.	\$9,000.00 TOTAL	\$0,277.00 Bidder's total: \$701,543.00	\$7,455.00 Bidder's total: \$395,537.00	\$30,000.00
TOTAL BID PRICE (ITEMS 1 THROUGH 37)				\$372,671.25	\$702,191.36 RESIDENT BIDDER BID BOND PROVIDED	\$996,487.35 RESIDENT BIDDER BID BOND PROVIDED	\$1,013,483.37 RESIDENT BIDDER NO BID BOND PROVIDED