

PUBLIC SERVICE BOARD MEETING AGENDA ITEM REGULAR MEETING

Wednesday, November 09, 2022

SUBJECT

Ratification of Cost for Emergency Repairs to 30-inch Diameter Water Main along Via Descanso

BACKGROUND

On July 13, 2022, a 30-inch water main that extends along Via Descanso Drive near the intersection with Ojo De Agua Drive broke, creating a large hole and impacting another water main that extends parallel to the 30-inch pipeline. EPWater repair crews responded to the emergency immediately to isolate the impacted pipeline segment and minimize disruption to the neighborhood. In an effort to return service as quickly as possible, Oscar Renda Contracting, Inc., was called in to assist. Oscar Renda Contracting, Inc., and EPWater crews worked together diligently over the span of three days and two nights to restore water service. Clean-up work, concrete curb and gutter restoration, and repaying followed so that the impacted area was returned to its original condition.

STRATEGIC OBJECTIVES SUPPORTED

Improve Infrastructure

EVALUATION PROCESS

Staff reviewed and negotiated the submitted costs associated with the emergency repair and verified the costs aligned with the services rendered and the level of work required.

FINANCIAL IMPLICATIONS

Sufficient funds are available in Account Number 440-7880, and the funding source is the Water and Sewer Fund.

PROPOSED ACTION REQUESTED

Ratify the incurred repair costs with Oscar Renda Construction, Inc, related to the emergency repairs of the 30-inch diameter water transmission pipeline along Via Descanso in the amount of \$155,659.88 pursuant to Section 252.022(a)(2) of the Texas Local Government Code, procurement necessary to preserve or protect the public health or safety of the municipality's residents.

SUPPORTING DOCUMENTATION PROVIDED

• Oscar Renda Construction, Inc., Cost Proposal

COST PROPOSAL

PROJECT: Via Descanso Watermain Break Repair

OWNER: El Paso Water

ENGINEER: N/A

CONTRACTOR: Oscar Renda Contracting, Inc.

Description: Viva Descanso Watermain Break Repair

SUMMARY SHEET

1 MATERIAL				
Material Cost		1	LS	\$ 5,341.00
Sales Tax		@	8.25%	
Material Handling Cost		@	0.00%	
Expendable Material		@	0.00%	
2 LABOR				
Hourly		1	LS	\$ 17,471.08
Supervision		1	LS	\$ 5,110.00
Housing/Per Diem		1	LS	\$ 6,985.00
Fringe Benefits		@	\$0.00	
Labor Cost		1	LS	\$ 23,123.58
Labor Burden		@	52.0%	\$ 12,024.26
Tool Replacement Cost		@	4.00%	\$ 924.94
3 EQUIPMENT COSTS		1	LS	\$ 46,133.76
4 SUBCONTRACTOR COST		1	LS	\$27,300.89
	SUBTOTAL			\$ 121,833.43
5 BOND/INSURANCE COST		@		\$ 2,436.67
	SUBTOTAL			\$ 124,270.10
6 OH / P (On ORC Cost)	Material	@	22%	\$ 1,175.02
,	Subcontractor	@	22%	\$ 6,006.20
	Equipment	@	22%	\$ 10,149.43
	Labor	@	40%	\$ 14,059.14

Subcontractor Worksheet				
Date	Cost			
7/14/2022	Hidalgo 4:13	Haul Excavator to work site	\$700.00	
7/14/2022	Big Mountain Fabricators	Standby Time	\$293.55	
//15/2022	Big Mountain Fabricators	Standby Time	\$733.88	
/16/2022	Big Mountain Fabricators	Standby Time, Weld patch on top of water line	\$880.65	
7/18 or 7/19	Big Mountain Fabricators	Weld bolts for anodes on 30" pipe that CNE did not weld on	\$146.78	
7/22/2022	Hidalgo 4:13	Haul Excavator to ORC yard	\$700.00	
	ZTEX	Ashpalt Paving	\$23,846.04	
	1			
			Total \$27,300	

SUBCONTR/SUBCONTRACTOR TOTAL \$27,300.89

	Material Worksheet				
Date	Subcontractor	Description of Work	Cost		
//21/2022	Jobe	Flow Fill: 63 yards	\$5,341.00		
7/22/2022	GCC	Asphalt: 48.89 tons	\$0.00		
			Total \$5,3		

SUBCONTR/SUBCONTRACTOR TOTAL \$5,341.00

Equipment Cost Worksheet:							
Equipment Description	Hourly Ownership Cost	Hourly Operating Cost	Total Hourly Cost	Hours	Quantity	Total Cost	
Generator	\$4.01	\$2.08	\$6.09	28	1	\$170.52	
Loader 644J	\$41.51	\$45.02	\$86.53	78	1	\$6,749.34	
Loader 644K	\$46.38	\$45.72	\$92.10	12	1	\$1,105.20	
Excavator PC490LC-11	\$129.38	\$103.70	\$233.08	78	1	\$18,180.24	
Trailer	\$5.54	\$3.96	\$9.50	12	2	\$114.00	
Light Plant	\$3.26	\$5.15	\$8.41	28	1	\$235.48	
Water Truck 4400	\$14.61	\$52.86	\$67.47	35	1	\$2,361.45	
Pickup Truck - Trevor	\$5.72	\$38.99	\$44.71	65	1	\$2,906.15	
Pickup Truck - Willie	\$5.22	\$41.38	\$46.60	78	1	\$3,634.80	
Pickup Truck - Juan	\$6.62	\$33.84	\$40.46	70	1	\$2,832.20	
Pickup Truck - Chuy	\$5.48	\$38.97	\$44.45	70	1	\$3,111.50	
Pickup Truck - Joel	\$5.21	\$31.21	\$36.42	20	1	\$728.40	
Asphalt Roller	\$35.46	\$23.44	\$58.90		1	\$0.00	
Skidsteer	\$41.35	\$33.71	\$75.06		1	\$0.00	
2" Submersible Pump	\$3.34	\$2.12	\$5.46	48	3	\$786.24	
4" Submersible Pump	\$3.34	\$2.12	\$5.46	48	1	\$262.08	
3" Trash Pump	\$3.34	\$2.12	\$5.46	48	1	\$262.08	
4" Trash Pump	\$3.34	\$2.12	\$5.46	48	1	\$262.08	

Equipment Description	Daily Rate	Days	Quantity	Total Cost
8 x 20 Steel Plate	\$96.00	4 Days	4	\$1,536.00
8 x 28 Trench Box	\$224.00	4 Days	1	\$896.00

\$46,133.76

Housing & Per Diem - General Laborers						
Laborer	Housing	Per Diem	Days	Total		
Chuy	\$70.00	\$50.00	7	\$840.00		
Arvid	\$70.00	\$50.00	7	\$840.00		
Brian	\$70.00	\$50.00	4	\$480.00		
Leeon	\$70.00	\$50.00	6	\$720.00		
Mariano	\$70.00	\$50.00	2	\$240.00		
Lorenzo	\$70.00	\$50.00	7	\$840.00		
Speedy	\$70.00	\$50.00	1	\$120.00		
Speedy Jr.	\$70.00	\$50.00	1	\$120.00		
Nicolas	\$70.00	\$50.00	1	\$120.00		
Jonathan	\$70.00	\$50.00	1	\$120.00		
Tristan	\$70.00	\$50.00	1	\$120.00		
Timothy	\$70.00	\$50.00	1	\$120.00		
Antonio	\$70.00	\$50.00	2	\$240.00		

Housing & Per Diem - Supervision - Safety - Admin 25%						
Supervisors	Housing	Per Diem	Days	Total		
5	\$680.00	\$500.00	7.00	\$2,065.00		

Total \$4,920.00

Total

\$2,065.00

Housing & Per Diem Total

\$6,985.00

Date	Description	Workers	Hours	Labor Cost	Supervision 25%	Safety 25%
7/14/2022	Standby time, remove shoring, begin excavating	9	6.5	\$1,780.22	\$730.00	\$77.50
/15/2022	Excavate flow fill overhang, reset shoring, pump water	18	24	\$6,844.58	\$730.00	\$77.50
7/16/2022	Pump water, hand dig, weld patch on water line	9	6	\$1,778.28	\$730.00	\$77.50
7/18/2022	Begin back fill, removing shoring, haul off equipment/materials	7	12	\$1,791.00	\$730.00	\$77.50
/19/2022	Continue back fill in 2' lifts	7	10	\$1,492.50	\$730.00	\$77.50
/20/2022	Continue back fill in 2' lifts, install manhole cone over pipe, prep for flow fill	9	11	\$1,931.25	\$730.00	\$77.50
/21/2022	Pour and level out 12" of flow fill on 75' x 20' area	11	9	\$1,853.25	\$730.00	\$77.50
7/22/2022	Remove additional asphalt and pave 2" asphalt from curb to curb on 75' x 45' area, demobilize all equipment from work site	0	0	\$0.00	\$0.00	\$0.00
					+	
					+	
			 		+	-

Individual Totals Total

\$17,471.08	\$5,110.00	\$542.50
\$23,123.58		