

Honorable Mayor and Members
of the City Council
City Hall
Torrance, California

Members of the Council:

SUBJECT: Public Works – Approve a Change Order for provision of unforeseen work encountered during the construction of the Torrance Blvd Storm Drain Improvements, I-96. Expenditure: \$133,876.92

RECOMMENDATION

Recommendation of the Public Works Director that City Council approve Change Order No. 1 in the amount of \$133,876.92 to the Public Works Agreement (C2008-154) with Sully-Miller Contracting Co. for provision of unforeseen work encountered during the construction of the Torrance Blvd Storm Drain Improvements, I-96.

Funding

Funding is available from the 5% contingency (\$31,000) and from a portion (\$102,876.92) of the existing fund balance of CIP I-96.

BACKGROUND AND ANALYSIS

On July 15, 2008 Your Honorable Body awarded a Public Works Agreement(C2008-154) to Sully-Miller Contracting Co. in the amount of \$620,000 for the construction of the Torrance Boulevard Storm Drain Improvements, I-96. Improvements include new 24 and 36 inch storm drain pipelines and new catch basins along Torrance Boulevard in 3 areas.

While excavating approximately 1,500 feet for the storm drain trench, an old concrete roadway, approximately 10 inches in depth, was encountered underneath the asphalt pavement. The existence of the underlying concrete was not discovered during the design phase and therefore, is considered a “changed” condition. As such the contractor incurred additional costs for the removal and disposal of the concrete.

Additionally, several conflicting utility lines were encountered that either had to be relocated or removed and added to the project cost.

Because construction of the storm drains is on the critical path for completing construction along Torrance Boulevard between Sartori Avenue to Madrona Avenue for the 50th Annual Armed Forces Day Parade in May of 2009, the extra work has already been completed. However, before staff authorized Sully-Miller Contracting Co. to complete the

work, we determined that any additional funds needed for the proposed change order were available from the project contingency and the CIP I-96 budget.

If this change order is approved, the total contract amount will increase from \$620,000 to \$753,876.92. No additional contingency is requested as the project is significantly complete.

It is anticipated that all storm drain work will be completed by October 31, 2008. Street construction on Torrance Blvd began on October 6, 2008.

Respectfully submitted,

ROBERT J. BESTE
Public Works Director

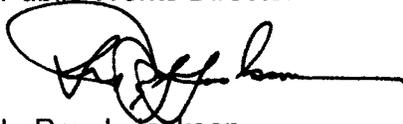


By Elizabeth Overstreet
Engineering Manager

CONCUR:



Robert J. Beste
Public Works Director



LeRoy J. Jackson
City Manager

Attachments: A. Construction Cost Summary

BID ITEM NO.	DESCRIPTION	UNIT	CONTRACT	CONTRACT	CONTRACT	QUANTITY	Extra Cost billed in item	CONTRACT	EST.	EST.	EST.	EST.	
			UNIT PRICE	QTY.	ITEM COST	COMPLETED TO DATE		COST TO DATE	QUANTITY TO FINISH PROJECT	COST TO COMPLETE PROJECT	TOTAL PROJECT QUANTITY	TOTAL PROJECT COST	
1	MOBILIZATION (5% MAX. OF CONTRACT BID)	LS	\$25,410.00	1	\$ 25,410.00	0.50	\$ -	\$ 12,705.00	0.50	\$ 12,705.00	1.00	\$25,410.00	
2	CONSTRUCTION SURVEYING	LS	\$5,600.00	1	\$ 5,600.00	0.50	\$ -	\$ 2,800.00	0.50	\$ 2,800.00	1.00	\$5,600.00	
3	TRAFFIC CONTROL	LS	\$28,000.00	1	\$ 28,000.00	0.50	\$ -	\$ 14,000.00	0.50	\$ 14,000.00	1.00	\$28,000.00	
4	CLEARING AND GRUBBING	LS	\$12,500.00	1	\$ 12,500.00	0.50	\$ -	\$ 6,250.00	0.50	\$ 6,250.00	1.00	\$12,500.00	
5	PORTABLE CHANGEABLE MESSAGE SIGNS (MODEL: SOLAR TECH MB2)	LS	\$5,700.00	1	\$ 5,700.00	0.50	\$ -	\$ 2,850.00	0.50	\$ 2,850.00	1.00	\$5,700.00	
6	NOT USED					0.00							
7	CATCH BASIN PER SPPWC STD PLAN 300-2, W=7'	EA	\$6,700.00	5	\$ 33,500.00	3.00	\$ -	\$ 20,100.00	2.00	\$ 13,400.00	5.00	\$33,500.00	
8	CATCH BASIN PER SPPWC STD PLAN 300-2, W=14'	EA	\$9,500.00	1	\$ 9,500.00	0.00	\$ -	\$ -	1.00	\$ 9,500.00	1.00	\$9,500.00	
9	CATCH BASIN WITH GRATING PER SPPWC STD PLAN 302-2, W=2'-11 3/8"	EA	\$6,800.00	1	\$ 6,800.00	1.00	\$ -	\$ 6,800.00	0.00	\$ -	1.00	\$6,800.00	
10	CURB SIDE GRATING CATCH BASIN PER SPPWC STD PLAN 303-2, W=2'-11 3/8"	EA	\$5,900.00	1	\$ 5,900.00	1.00	\$ -	\$ 5,900.00	0.00	\$ -	1.00	\$5,900.00	
11	STD PLAN 313-2, WD=7', OVER 6" CAB	EA	\$1,350.00	5	\$ 6,750.00	4.00	\$ -	\$ 5,400.00	1.00	\$ 1,350.00	5.00	\$6,750.00	
12	LOCAL DEPRESSION PER SPPWC STD PLAN 313-2, WD=14', OVER 6" CAB	EA	\$1,800.00	1	\$ 1,800.00	0.00	\$ -	\$ -	1.00	\$ 1,800.00	1.00	\$1,800.00	
13	LOCAL DEPRESSION PER SPPWA STD PLAN 313-2, WD=3', OVER 6" CAB	EA	\$750.00	2	\$ 1,500.00	0.00	\$ -	\$ -	2.00	\$ 1,500.00	2.00	\$1,500.00	
14	12" DIA. REINFORCED CONCRETE PIPE	LF	\$175.00	45	\$ 7,875.00	40.00	\$ -	\$ 7,000.00	5.00	\$ 875.00	45.00	\$7,875.00	
15	18" DIA. REINFORCED CONCRETE PIPE	LF	\$145.00	310	\$ 44,950.00	103.00	\$ -	\$ 14,935.00	207.00	\$ 30,015.00	310.00	\$44,950.00	
16	24" DIA. REINFORCED CONCRETE PIPE	LF	\$155.00	960	\$ 148,800.00	748.00	\$ -	\$ 115,940.00	212.00	\$ 32,860.00	960.00	\$148,800.00	
17	36" DIA. REINFORCED CONCRETE PIPE	LF	\$168.00	1,180	\$ 198,240.00	1130.00	\$ -	\$ 189,840.00	50.00	\$ 8,400.00	1,180.00	\$198,240.00	
18	MANHOLE PER SPPWC STD PLAN 321-1	EA	\$6,125.00	3	\$ 18,375.00	2.00	\$ -	\$ 12,250.00	1.00	\$ 6,125.00	3.00	\$18,375.00	
19	JUNCTION STRUCTURE PER SPPWC STD PLAN 331-2	EA	\$2,800.00	2	\$ 5,600.00	1.00	\$ -	\$ 2,800.00	1.00	\$ 2,800.00	2.00	\$5,600.00	
20	TRANSITION STRUCTURE PER SPPWC STD PLAN 342-1	EA	\$5,000.00	1	\$ 5,000.00	1.00	\$ -	\$ 5,000.00	0.00	\$ -	1.00	\$5,000.00	
21	CONCRETE COLLAR PER SPWWC STD PLAN 380-3	EA	\$1,800.00	1	\$ 1,800.00	0.00	\$ -	\$ -	1.00	\$ 1,800.00	1.00	\$1,800.00	
22	PIPE CONNECTIONS TO EXISTING STORM DRAINS PER SPWWC STD PLAN 335-1	EA	\$5,600.00	2	\$ 11,200.00	0.00	\$ -	\$ -	2.00	\$ 11,200.00	2.00	\$11,200.00	
23	PLUG	EA	\$600.00	2	\$ 1,200.00	0.00	\$ -	\$ -	2.00	\$ 1,200.00	2.00	\$1,200.00	
24	SHORING	LS	\$7,000.00	1	\$ 7,000.00	0.70	\$ -	\$ 4,900.00	0.30	\$ 2,100.00	1.00	\$7,000.00	
25	REMOVE EXISTING MANHOLE AT STATION 55+50 AND CONSTRUCT MANHOLE PER SPPWC STD PLAN 321-1	LS	\$1,000.00	1	\$ 1,000.00	0.00	\$ -	\$ -	1.00	\$ 1,000.00	1.00	\$1,000.00	
26	MANHOLE PER SPPWC STD PLAN 320-1	EA	\$6,500.00	4	\$ 26,000.00	4.00	\$ -	\$ 26,000.00	0.00	\$ -	4.00	\$26,000.00	
CO #1			\$0.00	0	\$ -	0.00	\$ -	\$ -	0.00	\$ -	#DIV/0!	#DIV/0!	
CO #2			\$0.00	0	\$ -	0.00	\$ -	\$ -	0.00	\$ -	#DIV/0!	#DIV/0!	
SUBTOTALS					\$ 620,000.00			\$ 455,470.00		\$ 164,530.00		\$620,000.00	
CREDITS										Unit	Quantity	Unit Price	COST
CR1	SURPLUS:								LS	0	\$ -	\$ -	
CR2	SURPLUS:								LS	0	\$ -	\$ -	
CR3	SURPLUS:								LS	0	\$ -	\$ -	
CR4	SURPLUS:								LS	0	\$ -	\$ -	
CR5	SURPLUS:								LS	0	\$ -	\$ -	
											SUBTOTAL	\$ -	
EXPENSES													
EW1.1	EXTRA WORK #1.1 - REPLACE CONCRETE PAVEMENT ABOVE LINE 'C' TRENCH								LS	1	\$ 65,579.67	\$ 65,579.67	
EW2A	EXTRA WORK #2A - SUBCONTRACTOR LOOPS AND CONDUIT RELOCATION								LS	1	\$ 19,675.00	\$ 19,675.00	
EW2B	EXTRA WORK #2B - SUBCONTRACTOR - CONCRETE BARRELS								LS	1	\$ 5,060.00	\$ 5,060.00	
EW3	EXTRA WORK #3 - REMOVE OLD CONCRETE ROADWAY AND 33" ABANDONED WATER LINE								LS	1	\$ 41,062.25	\$ 41,062.25	
EW4	EXTRA WORK #4 - LA COUNTY PERMIT FOR INSPECTION								LS	1	\$ 2,500.00	\$ 2,500.00	
									LS	1	\$ -	\$ -	
									LS	0	\$ -	\$ -	
									LS	0	\$ -	\$ -	
									LS	0	\$ -	\$ -	
									LS	0	\$ -	\$ -	
											SUBTOTAL	\$ 133,876.92	
ORIGINAL CONTRACT AMOUNT					\$ 620,000.00								
ORIGINAL CONTINGENCY AMOUNT					\$ 31,000.00								
										EST. PROJECT COST + EXTRA WORK		\$753,876.92	
BUDGET APPROPRIATION C. O. NO. 1					\$ -								
BUDGET APPROPRIATION C. O. NO. 2					\$ -								
CURRENT EXPENDITURE AUTHORITY					\$ 651,000.00								