



# City of Manhattan Beach Department of Public Works Engineering Division

3621 Bell Avenue, Manhattan Beach, CA 90266  
Phone: (310) 802-5350 Fax: (310) 802-5351 TDD: (310) 546-3501

## CHANGE ORDER FORM

Change Order No.	FINAL	Plan No.	S-262
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Project Engineer	Tim Birthisel (Manhattan Beach)	Phone	310-802-5368
Inspector	Mark Leura (SA Associates)	Phone	626-622-1462

Project Title	Cycle 1 Sewer Main Replacement Project
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Item Description	Original Contract Qty.	Recommended Addtl. Qty.	Change Order Cost
<b>CCO#1 TOTAL (ITEM #1 TO ITEM #7)</b>			<b>\$ (5,182.57)</b>
CCO#1 ITEM #1 Slurry backfill due to void beneath residential driveway apron located on north side of 16 <sup>th</sup> street.	0	1	\$ 1,933.60
CCO#1 ITEM #2 Sewer lateral camera investigation and sewer lateral restoration due to multiple sewer laterals connected to single residential building.	0	1	\$ 5,283.52
CCO#1 ITEM #3 Hand digging around Edison traffic light conduits conflicting with sewer pipe alignment near Fisher Ave.	0	1	\$ 4,351.57
CCO#1 ITEM #4 Hand digging around SCE electrical conduit bank crossing Manhattan Beach Blvd near intersection of MBB and Valley Dr.	0	1	\$ 6,465.70
CCO#1 ITEM #5 Traffic Control modifications and coordination with ongoing Gas Company.	0	1	\$ 2,771.02
CCO#1 ITEM #6 Hydro jetting and Camera inspection for additional Pipe Segments on Artesia Ave and Manhattan Beach Blvd	0	1	\$ 3,012.02
CCO#1 ITEM #7 Additional Sewer Camera inspection for 17 <sup>th</sup> Street Sewer from Redondo to Herrin.	0	1	\$ 800.00
<b>CCO#1 ITEM #7 TOTAL QUANTITY ADJUSTMENTS:</b>			<b>\$ (29,800.00)</b>
Quantity Adjustments:			
1. Bid Item #25: Reconnect existing sewer lateral to proposed new sewer including all fittings. Reconstruct lateral as required. Add (1) lateral. Total laterals installed and verified is (9).	8	9	\$ 500.00
2. Bid Item #38: Reconnect existing sewer lateral to proposed new sewer including all fittings. Reconstruct lateral as required. Add (4) laterals. Total laterals installed and verified is (5).	1	5	\$ 3,000.00
3. Bid Item #50: Reconnect existing sewer lateral to proposed new sewer including all fittings. Reconstruct lateral as required. Add (1) laterals. Total laterals installed and verified is (2).	1	2	\$ 750.00



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4. Bid Item #60: Point repair by excavation in pavement between 4 feet and 10 feet deep. Length to 12 feet. Remove (1) length of pipe. Total length installed (3).	4	3	\$ (7,500.00)
5. Bid Item #63: Reconnect existing sewer lateral to proposed new sewer including all fittings. Reconstruct lateral as required. Remove (1) laterals. Total laterals installed and verified is (2).	3	2	\$ (500.00)
6. Bid Item #75: Reconnect existing sewer lateral to proposed new sewer including all fittings. Reconstruct lateral as required. Add (1) lateral. Total laterals installed and verified is (2).	1	2	\$ 750.00
7. Bid Item #88: Reconnect existing sewer lateral to proposed new sewer including all fittings. Reconstruct lateral as required. Add (1) lateral. Total laterals installed and verified is (2).	1	2	\$ 500.00
8. Bid Item #112: Remove and dispose existing manholes. Construct sewer manhole with Plastic Steps and cover per plan. Connect to existing sewers. Remove (1) manhole. Total manholes installed and verified (1).	2	1	\$ (7,500.00)
9. Bid Item #116: Remove Entire Existing Manhole. Reconstruct surface to match existing. Remove (1). Total Restoration installed and verified (8).	16	8	\$ (800.00)
10. Bid Item #117: Restore all traffic signing and striping in accordance with City of Manhattan Beach Standards.	1	.20	\$ (4,000.00)
11. Bid Item #121: Special project site maintenance and public convenience and safety. Remove (1).	1	0	\$ (15,000.00)
<b>CCO#2</b> 1. Replacement of corroded 12" CMP Storm Drain with 12" RCP crossing Manhattan Beach Blvd, 50' east of the intersection of Manhattan Beach Blvd and Valley Dr. 2. Increase the contract time by 5 non-compensable workdays to complete the work.	0	1	\$ <b>49,500.00</b>
<b>CCO#3</b> Replacement of 75' corroded 24" CMP Storm Drain with 24" RCP crossing Artesia Blvd, 350' west of intersection of Artesia Blvd and S Peck Ave. due to sink hole.	0	1	\$ <b>152,859.22</b>
<b>CCO#4</b> Stabilization and Restoration of roadway surface on Marine Ave due to sinkhole.	0	1	\$ <b>24,615.99</b>
<b>Total Change Order Cost:</b>			\$ <b>221,792.64</b>

**METHOD OF PAYMENT** (May be combination):

Contract Unit Prices       Negotiated Price       Time & Materials (Estimated)\*

CHANGE TO CONTRACT COST		CHANGE TO CONTRACT TIME	
Original Contract Cost	\$ 444,950	Original Working Days	120
Previous Changes	\$ -	Previous Work Days Changes	
Additions/Deletions to Bid Items per this C.O.	\$ 221,792.64	Current C.O. Work Day Change	5
To be billed per this C.O.	\$	New Total Working Days	125
New Contract Cost	\$ 666,742.64		

\*Estimate Only



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**Engineering Division**

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**CITY OF MANHATTAN BEACH:** Project Manager: \_\_\_\_\_ Date: \_\_\_\_\_

**APPROVED:** City Engineer: \_\_\_\_\_ Date: \_\_\_\_\_

Public Works Director : \_\_\_\_\_ Date: \_\_\_\_\_

**NOTE:** This Change Order is effective on the date signed by the Public Works Director. Notify the Project Manager immediately if there is any disagreement. The Change Order costs indicated represent the complete cost to perform the noted work, and no other incidental or related costs are due or will be claimed for this item of work.

**RECEIVED:**

\_\_\_\_\_  
Ramona, Inc. By \_\_\_\_\_  
CONTRACTOR OFFICER DATE