



**CITY OF REDONDO BEACH  
DEPARTMENT OF PUBLIC WORKS**

**Pier Parking Structure Repairs and Railing Rehabilitation Project**

**Job No. 70610**

**Change Order No. 4**

**August 18, 2020**

**I. Description of work included in the contract:**

The project work shall include the removal and installation of Traffic Topping/Membrane, removal of existing Traffic Topping/Membrane and installation of Floor Sealer, Concrete Floor and Ceiling repairs, Concrete Beam and Column Repairs, Concrete Wall repairs, Expansion Joint repairs, remove and replace or repair Metal Rail, Painting of concrete and structural steel, and installation of embedded Galvanic Anodes for the North and South Pier Parking Structures in the City of Redondo Beach, California.

**II. Changes Ordered:**

The following changes have been deemed necessary and ordered under the Contract Unit Prices

<b>Bid Item #</b>	<b>Description</b>	<b>Unit</b>	<b>Original Quantity</b>	<b>Change in Quantity</b>	<b>Adjusted Quantity</b>
2.1	Floor Preparation - Scarification	SF	32,150	572	32,722
3.1	Floor Repair - Partial Depth/Shallow	SF	5,431	-203	5,228
3.4	Floor Repair - Curbs/walks	SF	425	-217	208
4.1	Ceiling Repair	SF	1,346	334	1,680
5.1	Beam Repair - Partial Depth/Shallow	SF	75	114	189
5.3	Beam Repair - Full Depth 12"x15" Rail Section	LF	650	-8	642
6.1	Column Repair - Partial Depth/Shallow	SF	20	2	22
7.1	Wall Repair	SF	50	10	60
8.1	Tee Beam Repair - Partial Depth/Shallow	SF	100	140	240
16.5	Traffic Topping - Recoat (Complete System)	SF	32,150	572	32,722
43.2	Remove/Replace Rail	SF	650	-8	642
14.1	Repair/Replace Handrail Post @ Pedestrian Ramp	EA	6	-3	3
15.1	Galvanic Anodes	EA	1,500	46	1,546

The following items are negotiated prices and agreed upon between the Owner and the Contractor. Any additional cost for this type of work will be addressed in a future change order:

Item #	Description
1	Remove and Replace Additional 7" Thick Concrete Slab on Pier (280SF)
2	Remove and Replace Concrete Stairs (up to 140LFx 6"x 4") - Mobilize and set up equipment and protection - Demo out existing Spalled concrete and sawcut perimeter 1/2" deep - Prep exposed rebar and coat with SikaArmatex 110 - Form repair areas - Pour back with SikaTop 111 Plus extended with pea gravel - Strip forms and touch grind - Clean work area - Existing Rebar to be used - Excludes Paint
3	Vault Adjustment on Monstad Pier - Clean work area

### **III. Reasons for the changes:**

The above changes were requested by City staff due to unforeseen field conditions.

### **IV. Contract Price:**

<b>Original Contract Amount</b>	<b>\$ 1,368,900.50</b>
<b>Previous Change Orders</b>	<b>\$ 652,621.00</b>

This Change Order:

Reconciliation of Bid Items per this CO

Item #	Unit	Original Contract Price	Add or Delete	Change in Total
2.1	SF	\$ 1.05	572	\$ 600.60
3.1	SF	\$ 64.00	-203	\$ (12,992.00)
3.4	SF	\$ 78.00	-217	\$ (16,926.00)
4.1	SF	\$ 150.00	334	\$ 50,100.00
5.1	SF	\$ 140.00	114	\$ 15,960.00
5.3	LF	\$ 315.00	-8	\$ (2,520.00)
6.1	SF	\$ 180.00	2	\$ 360.00
7.1	SF	\$ 140.00	10	\$ 1,400.00
8.1	SF	\$ 155.00	140	\$ 21,700.00
16.5	SF	\$ 3.60	572	\$ 2,059.20
43.2	SF	\$ 400.00	-8	\$ (3,200.00)
14.1	EA	\$ 875.00	-3	\$ (2,625.00)
15.1	EA	\$ 32.00	46	\$ 1,472.00
Subtotal This Change Order				\$ 55,388.80

Negotiated Prices per this CO

Item #	Unit	Negotiated Price	Add or Delete	Total Item
1	LS	\$ 6,600.00	1	\$ 6,600.00
2	LS	\$ 15,257.00	1	\$ 15,257.00
3	LS	\$ 1,760.00	1	\$ 1,760.00
				\$ 23,617.00

<b>Total this Change Order</b>	<b>\$ 79,005.80</b>
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**Revised Contract Total \$ 2,100,527.30**

**IV.Contract Time:**

Original Contract Working Days	75
Previous Change Order Additional Working Days	50
Additional Working Days for this Change Order	30

**Revised Total Working Days: 155**

**V. Compensation:**

This change order constitutes full and complete payment for all costs associated with the above changes inclusive of consultant's profit, direct and indirect overhead, insurance, supervision, labor, material, equipment, and lost business opportunities.

**CITY OF REDONDO BEACH**

**SLATER WATERPROOFING, INC.**

By: \_\_\_\_\_

Lauren Sablan, P.E.  
Construction Manager

By: \_\_\_\_\_

Chad Gamell  
Vice President

By: \_\_\_\_\_

Andrew Winje, P.E.  
City Engineer