

CHANGE ORDER(s)

AND/OR

LETTER(s) OF EXTENSION

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**CONTRACT CHANGE ORDER AUTHORIZATION NO. 1
DATED OCTOBER 12, 2017**

FILED WITH CONTRACT #34672

(ENVIRONMENTAL CONSTRUCTION, INC)

34672

OFFICE OF THE CITY MANAGER
CITY OF LONG BEACH
LONG BEACH, CA 90802

Environmental Construction, Inc.
21550 Oxnard Street, Suite 1050
Woodland Hills, CA 91367

Date: October 12, 2017

R- 7060
Contract No.: 34672
Program No.: PW3070-59

PROJECT: Red Car Greenway Project

CONTRACT CHANGE ORDER AUTHORIZATION NO. 1

PART 1 – (Reason for Change)

- 1 The work outlined in this Change Order was not included in the original scope of work assigned to the prime contractor. However this work needs to be done to complete the construction of the Red Car Greenway project on the former Pacific Electric Railway Right-of-Way between E. 4th Street/Park Avenue and Ximeno Avenue. The scope of this change order includes the following:
 - 1.1 Removal and salvage of existing HDPE pipe, including delivery to the city yard at 7600 E. Spring Street. In past years, heavy rains produced storm water and soil runoff from the former railway site, causing flooding in adjacent areas. The City installed HDPE pipe along the north side of the property, between Roycroft Avenue and Prospect Avenue to prevent future runoff from site, and until completion of site development.
 - 1.2 Installation of one (1) gate in the Contractor's temporary chain link fence for access to project site from at Park Avenue. Gate access is required by City staff for use during construction and the City's groundbreaking ceremony on August 19, 2017.
 - 1.3 Construction of modifications to new concrete curb ramp from the main trail to Prospect Avenue (contract item Alternative #1). Original curb ramp design was modified to include a 6" to 18" high reinforced curb on both sides of new ramp to address steep topography at this location and retain steep cut back slopes. Design changes also includes removal of asphalt concrete from alley that encroaches on the project right-of-way, and construction of 10 liner feet of transition concrete curbs on both sides of curb ramp landing.
 - 1.4 Removal and disposal of unforeseen existing 2" to 3" thick asphalt concrete pavement adjacent to new sidewalk, between 6th Street and Ximeno Avenue.
 - 1.5 Construction of modifications to trail sidewalk due to redesign of 6th Street bike path crossing on the Red Car Greenway project site. Crossing grades for both trail sidewalk and bike path were adjusted to meet required design standards for ADA compliance and to match existing site conditions, including 6th Street roadway.

- 1.6 Credit from the Contractor for material in contract item #14, "Supply and Install Three (3) inch Depth of Mulch" in the amount of \$1,730.00. The City will supply and deliver all mulch required for this project as part of the City's sustainability program. The Contractor, with assistance from the Conservation Corps of Long Beach, will spread mulch as per the contract.

PART 2 – (Description of Change)

- 2.1 Provide all labor, materials, equipment, tools and incidentals required to remove and salvage all existing HDPE pipe, and deliver to the City yard at 7600 E. Spring Street, as agreed to in Change Order Request #1 dated August 18, 2017.
- 2.2 Provide all labor, materials, equipment, tools and incidentals required to install one (1) temporary access gate in existing temporary perimeter chain link fence at Park Avenue, complete in place.
- 2.3 Provide all labor, materials, equipment, tools and incidentals required to construct changes to new concrete curb ramp from the main trail to Prospect Avenue, including the construction of 6" to 18" high reinforced curbs, transition curbs at curb ramp landing and removal of existing asphalt concrete pavement, complete in place, as shown on revised plan, and as agreed to in Change Order Request #4 dated September 24, 2017.
- 2.4 Provide all labor, materials, equipment, tools and incidentals required to remove and disposed approximately 10 cubic yards of unforeseen 2" to 3" thick asphalt concrete pavement, as agreed to in Change Order Request #5 dated September 25, 2017.
- 2.5 Provide all labor, materials, equipment, tools and incidentals required to construct changes to trail walkway to due redesign of 6th Street Bike Path, complete in place, as shown on revised plan, and as agreed to in Change Order Request #6 dated September 25, 2017.
- 2.6 Provide a credit to contract item #14, for mulch material that the City will supply and deliver to project site.

PART 3 – CHANGE IN CONTRACT AMOUNT

A. BID ITEM QUANTITY ADJUSTMENTS

In accordance with procedures for changes in the work established in the specifications, you are authorized to do the following:

- 3.1 Provide all labor, materials, equipment, tools and incidentals required to install one (1) additional trail light pole and fixture, per contract item #18.

For the unit cost of each \$ 9,680.00

B. EXTRA WORK/AGREED PRICE

In accordance with procedures for changes in the work established in the specifications, you are authorized to do the following:

3.2

- 3.2.1 Provide all labor, materials, equipment, tools and incidentals required to remove and salvage all existing HDPE pipe from, and deliver to the City yard at 7600 E. Spring Street, as agreed to in Change Order Request #1 dated August 18, 2017.

For the lump sum cost of \$ **3,215.34**

- 3.2.2 Provide all labor, materials, equipment, tools and incidentals required to install one (1) temporary access gate in existing temporary perimeter chain link fence at Park Avenue, complete in place.

For the lump sum cost of \$ **555.50**

- 3.2.3 Provide all labor, materials, equipment, tools and incidentals required to construct changes to new concrete curb ramp from the main trail to Prospect Avenue, including the construction of 6" to 18" high reinforced curbs, transition curbs at curb ramp landing and removal of existing asphalt concrete pavement, complete in place, as shown on revised plan, and as agreed to in Change Order Request #4 dated September 24, 2017.

For the lump sum cost of \$ **9,174.84**

- 3.2.4 Provide all labor, materials, equipment, tools and incidentals required to remove and disposed approximately 10 cubic yards of unforeseen 2" to 3" thick asphalt concrete pavement, as agreed to in Change Order Request #5 dated September 25, 2017.

For the lump sum cost of \$ **1,771.16**

- 3.2.5 Provide all labor, materials, equipment, tools and incidentals required to construct changes to trail walkway to due to the 6th Street Bike Path design modifications, complete in place, as shown on revised plan, and as agreed to in Change Order Request #6 dated September 25, 2017.

For the lump sum cost of \$ **5,107.38**

- 3.2.6 Provide a credit to contract item #14, for mulch material that the City will supply and deliver to project site.

For the lump sum cost of \$ **(1,730.00)**

- Net Bid Item Quantity Adjustment	=	\$ 9,680.00
- Net Extra Work / Agreed Price	=	\$ 8,094.22
- Net to Contract Cost	=	\$ 27,774.22

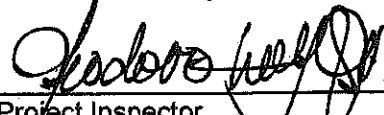
By signing this change order the Contractor acknowledges that it is familiar with California Civil Code Section 1542, which reads: "A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him must have materially affected his settlement with the debtor;" and Contractor hereby releases the City from any unknown claims and waives its rights under Section 1542.

The prices set forth herein above shall be considered full compensation for all obligations of the contractor associated with this change order, and the City will not be liable for any claim of the contractor for delays or extra compensation resulting from performance of the requirements of this change order.

PART 4 – CHANGE IN CONTRACT TIME

TIME FOR COMPLETION OF ALL WORK UNDER THE CONTRACT WILL BE EXTENDED FIVE (5) WORKING DAYS BEYOND THE DEPUTY DIRECTOR/CITY ENGINEER'S SIGNATURE.

Recommended by:


 10-25-17
Project Inspector (Date)

 11-10-2017
Chief Construction Inspector (Date)

 11-10-2017
Construction Services Officer (Date)

 2/13/18
Deputy Director/City Engineer (Date)

Approved by:

 11/9/2017
Project Manager (Date)

 10/20/17
Contractor (Date)


Project Management Officer (Date)

Financial Management (Date)