

**CHANGE ORDER(s)**

**AND/OR**

**LETTER(s) OF EXTENSION**

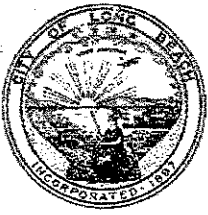
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**CONTRACT CHANGE ORDER AUTHORIZATION NO. 001  
DATED DECEMBER 28, 2018**

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**FILED WITH CONTRACT #34698**

**(ALDRIDGE ELECTRIC, INC)**



186038

**Date:** December 28, 2018  
**To:** Alvin Papa, City Engineer  
**From:** Marc Wright, Construction Services Officer  
**Subject:** CONTRACT CHANGE ORDER TRANSMITTAL MEMO

**PROJECT:** Contract-34698, R-7091 PWT280-05,  
Long Beach Blueline Signal Prioritization Project

**CONTRACTOR:** Aldridge Electrical Inc.

**CCO#:** 001

**ORIGINATED FROM:** Project Development

**SOURCE OF FUNDING:** CIP Projects

**REASON:** See Attached

**COST (CCO #001):** \$ 126,072.09

**ORIGINAL CONTRACT:** \$ 2,078,187.00

**ORIGINAL APPROVED  
CONTINGENCY (15%):** \$ 311,728.00

**ORIGINAL CONTRACT +  
CONTINGENCY (NOT TO  
EXCEED):** \$ 2,389,915.00

**TOTAL OF ALL CCOs TO DATE  
(INCLUDING THIS CCO):** \$ 126,072.09

**TOTAL PERCENT (%) OF  
CONTINGENCY USED TO  
DATE:** 40.44%

**CONTINGENCY REMAINING  
TO DATE:** 59,568 AP 5-20-19  
8.93% (\$ 185,655.91)

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

Aldridge Electrical Inc.  
505 W. Foothill Blvd.  
Azusa, Ca. 91702

Date: December 28, 2018  
R-7091  
Contract No.: 34698  
Program No.: PWT280-05

**PROJECT: LONG BEACH BLUELINE SIGNAL PRIORITIZATION PROJECT**

**CONTRACT CHANGE ORDER AUTHORIZATION NO. 1**

**PART 1 Reason for Change**

- 1.1 Change order required because flood control channel at STA 173+70 caused the proposed 3 inch conduit to be rerouted from the sidewalk (per plan) to the street and back to the sidewalk.
- 1.2 Change order required because existing pull boxes on 1<sup>st</sup> St. between Pine and Long Beach Blvd at the bus stop and on Ocean Blvd and Locust could not be located, the raceways in these pull boxes are to be used for proposed fiber cable.
- 1.3 Change order required because existing conduits that were to be used as fiber optic cable raceways were not able to be utilized in their current condition per plan.
- 1.4 Change order required because Traffic Engineering did not have signal timing prepared in time for new traffic equipment installation. Aldridge installed gear per schedule and was forced to remobilize to complete installation when signal timing became available.
- 1.5 Change order required because additional exploratory excavations were required for utilities omitted or incorrectly reflected in bid set plans.
- 1.6 Change order required because newly purchased 2070 controllers did not have the required D4 or Omni software required for field use.
- 1.7 Change order required because loop detectors at 16<sup>th</sup> and Long Beach Blvd were not operational and the signal was placed on a left turn recall. The left turn recall in the traffic timing would negatively affect D4 program and signal prioritization for the Blueline.

**PART 2 Description of Change**

- 2.1 Provide all labor, material and equipment to terminate 3 inch conduit that was installed in the street to replaced pull box in side walk at STA 173+70. Work was performed on Time and Material.
- 2.2 Provide all labor, material and equipment to locate existing pull boxes at Ocean and Locust and on 1<sup>st</sup> between Long Beach Blvd. and Pine at bus station. Verify raceways and prepare conduits for fiber optic cables. Work was performed on Time and Material.
- 2.3 Provide all labor, material and equipment to verify an alternative fiber path or clean out plugged raceways and prepare conduits for proposed fiber at 3<sup>rd</sup>/Pacific, 4<sup>th</sup>/Pacific, 5<sup>th</sup>/Pacific and 12<sup>th</sup>/Long Beach Blvd. Work to be performed on Time and Material.
- 2.4 Provide all labor, material and equipment for remobilization at Pacific and Wardlow, to complete contract signal upgrade work with new signal timing. Work to be performed on Time and Material.
- 2.5 Provide all labor, material and equipment to perform additional exploratory excavations for unaccounted. Work was done at a negotiated price.
- 2.6 Provide all labor, material and equipment to install D4 software for 8 ea 2070 controllers and Omni software for 21 ea 2070 controllers.

- 2.7 Provide all labor, material and equipment to install 8 ea north bound loop detectors at 16<sup>th</sup> and Long Beach Blvd to optimize Blueline signal prioritization. Existing loops were not operating and northbound left turn was on phase recall. Work was done at an agreed upon price.

**PART 3 CHANGE IN CONTRACT AMOUNT**

**A. BID ITEM QUANTITY ADJUSTMENTS**

N/A

**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:

1. Provide all labor, material and equipment to reroute new 3 inch conduit from street and terminate conduit to replaced pull box in the sidewalk to avoid storm channel .  
All work  
as directed by the Project Manager,  
for the T&M cost of ..... \$ 10,364.72
  2. Provide all labor, material and equipment to locate and repair existing conduit and pull boxes at Ocean/Locust and on 1<sup>st</sup> between Long Beach Blvd and Pine.  
All work  
as directed by the Project Manager,  
for the T&M cost of ..... \$ 3,289.60
  3. Provide all labor, material and equipment to reroute or clear raceways to create a pathway for fiber optic cable to be installed at Pacific/3<sup>rd</sup>, Pacific/4<sup>th</sup> , Pacific 5<sup>th</sup> and Long Beach Blvd/ 12<sup>th</sup>.  
All work  
as directed by the Project Manager,  
for the T&M cost of ..... \$ 10,908.66
  4. Provide all labor, material and equipment to remobilize, install signal gear and activate signal with new signal timing at Pacific Pl. and Wardlow.  
All work as directed by the Project Manager,  
for the T&M cost of ..... \$ 2,328.44
  5. Provide all labor, material and equipment to perform additional exploratory excavations throughout areas that required new conduit to locate existing utilities which were not reflected on bid set plans.  
All work  
as directed by the Project Manager,  
for the lump sum cost of ..... \$ 26,605.98
  6. Provide all labor, material and equipment to install D4 software on 8 ea 2070 controllers and Omni software on 21 ea 2070 controllers.  
All work  
as directed by the Project Manager,  
for the lump sum cost of ..... \$ 67,434.69
  7. Provide all labor, material and equipment to install 8 ea northbound vehicle loop detectors at Long Beach and 16<sup>th</sup>.  
All work  
as directed by the Project Manager,  
for the lump sum cost of ..... \$ 5,140.00
- Net Bid Item Quantity Adjustment ..... = \$0.00  
 - Net Extra Work / Agreed Price ..... = \$126,072.09  
 - Net to Contract Cost ..... = \$126,072.09

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 ONE HUNDRED SIXTY (160) WORKING DAYS BEYOND THE ACTING CITY ENGINEER'S SIGNATURE

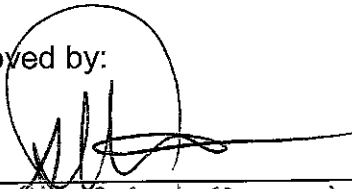
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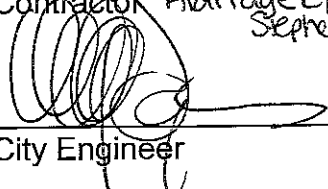
  
\_\_\_\_\_  
Chief Construction Inspector (Date)


  
\_\_\_\_\_  
Construction Services Officer (Date)

  
\_\_\_\_\_  
Project Manager (Date)

Approved by:

X   
\_\_\_\_\_  
Contractor Aldridge Electric Inc. (Date)  
Stephen Rivi, CEO

  
\_\_\_\_\_  
City Engineer (Date)

  
\_\_\_\_\_  
Financial Management (Date)