Change Record

Contract Number 8662
Contract Title 1-90/Two Way Transit/HOV Operations
Federal Aid Number TIGER-2014(088)
Change Order Number 89
Change Description Temp Paint in Lieu of Tape
Date May 15, 2017
Region Northwest Region
Project Engineer Aleta Borschowa
Prime Contractor / Design-Build IMCO General Construction
Phone Number 206-768-5601

☐ Ordered by Engineer under the terms of Section 1-04.4 of the Standard Specifications or the RFP
☒ Change proposed by Contractor / Design-Build

Evolution & Description Of Change

The Special Provisions specify the material to be used for both Short Duration and Long Duration temporary pavement marking as 3M tape. At a March 15th meeting, the pavement marking Subcontractor, Specialty Pavement Markings, proposed an alternative plan to temporary pavement marking which is to remove existing plastic markings by grinding, then replace these, in the existing configuration, with temporary paint markings for the fog lines and temporary tape for the lane lines. These temporary paint lines will later be hydroblasted, and the tape removed, and the permanent pavement markings installed in their new configuration.

Per Aleta:

The original quantities of temporary pavement markings assumed that the Contractor would elect to shift traffic lanes multiple times to perform various items of work. The contractor did not implement all of the shifts that the design team envisioned. We are therefore able to reduce quantities. MMA shall be placed on dry pavement. Removal of existing striping is to be done via hydro-blasting, which leaves a wet surface. In addition, due to the sheer number of lanes across I-90, the amount of time it takes to remove old and then place permanent striping is longer than allowed closure hours. For these reasons, the contractor shall add an intermediate step to the process. During first closures in each area, after existing striping is removed, the contractor shall place Temporary Pavement Marking – Short Term paint in the new lane configuration. Then during a second closure, he shall to return to place MMA.

Though negotiations the Contractor agreed that the Temporary Pavement Marking – Short Duration paint placed during the first of this two-step process shall be paid at a price of $0.17 per lineal foot
Basis of Cost & Justification:

WSDOT calculated a credit to the State of $877,408.00 net for this change order. This includes the payment of $0.15 per linear foot to SPM with a markup to the Prime for a total of $0.17 per linear foot for the temporary paint. Unit Bid Analysis was used to justify the price of $0.17/LF. Short Duration marking is zeroed out as that item was not used on this Project. The 120,000 feet of marking by temp paint was deleted from Long Duration marking.

The contractor agreed to this cost but has not signed the change order.

After many months of waiting for the contractor to sign the decision was made by the PE (Aleta Borschowa) to unilateral this change order.

Contract Time:

No working days are added to contract time as a result of this change.

This change does not affect the critical path.

Prior Approvals:

Aleta Borschowa 4/7/17
Bob Dyer, HQ 6/20/17
Messay Sheferaw, NWR 6/20/17

List Attachments:

Signed Change Order  Quantity calc.s
Checklist
Email approvals
UBA Estimate

Distribution By:

Project Office
Copy of Change Records & Change Order w/Backup - Project Engineer
Copy of ONLY Change Order - Prime Contractor / Design-Build
Electronic Copy of Change Records & Change Order w/Backup - State Construction Office
Original of Change Records & Change Order w/Backup - Region Construction Office
Region
Original of Change Records & Change Order w/Backup - State Construction Office

DOT Form 422-002
Revised 6/2016
WASHINGTON STATE
DEPARTMENT OF TRANSPORTATION
CHANGE ORDER

CONTRACT NO: 008662
FEDERAL AID NO: TIGER-2014 (088)
CONTRACT TITLE: I-90, TWO-WAY TRANSIT & HOV OPERATIONS STAGE 3
CHANGE ORDER NO: 89
PRIME CONTRACTOR: 911066365
IMCO GENERAL CONSTRUCTION, INC.
2116 BUCHANAN LOOP
FERNDALE WA 98248-9801

TEMP PAINT IN LIEU OF TAPE

( ) Ordered by Engineer under the terms of Section 1-04.4 of the Standard Specifications
( ) Change proposed by Contractor

ENDORSED BY: ____________________________

SURETY CONSENT: ____________________________

CONTRACTOR ____________________________

ATTORNEY IN FACT ____________________________

DATE ____________________________

DATE ____________________________

ORIGINAL CONTRACT AMOUNT: 120,105,661.15
CURRENT CONTRACT AMOUNT: 126,873,547.81
ESTIMATED NET CHANGE THIS ORDER: -877,408.00
ESTIMATED CONTRACT TOTAL AFTER CHANGE: 125,996,139.81
Approval Required: ( ) Region ( ) Olympia Service Center ( ) Local Agency

APPROVAL RECOMMENDED ( ) EXECUTED

EXECUTED:

Jesse L. Shanker For Alisa Beresnova
STATE CONSTRUCTION ENGINEER

DATE November 2, 2017

( ) APPROVAL RECOMMENDED ( ) EXECUTED

OTHER APPROVAL WHEN REQUIRED

REGIONAL ADMIN: ____________________________

BY: ____________________________

SIGNATURE ____________________________

DATE ____________________________

REPRESENTING ____________________________

©CG02v04 (revised Feb 2005)
WASHINGON STATE
DEPARTMENT OF TRANSPORTATION
CHANGE ORDER

CONTRACT NO: 008662
CONTRACT TITLE: I-90, TWO-WAY TRANSIT & HOV OPERATIONS STAGE 3
CHANGE ORDER NO: 89 TEMP PAINT IN LIEU OF TAPE

PRIME CONTRACTOR: IMCD GENERAL CONSTRUCTION, INC.
2116 BUCHANAN LOOP
FERNDALE WA 98248-9801

(Ordered by Engineer under the terms of Section 1-04.4 of the Standard Specifications)

✓ Change proposed by Contractor

ENDORSED BY:

SURETY CONSENT:

CONTRACTOR

ATTORNEY IN FACT

DATE

DATE

ORIGINAL CONTRACT AMOUNT: 120,105,661.15
CURRENT CONTRACT AMOUNT: 125,924,216.55
ESTIMATED NET CHANGE THIS ORDER: -877,408.00
ESTIMATED CONTRACT TOTAL AFTER CHANGE: 125,046,808.55

Approval Required: ( ) Region ( ) Olympia Service Center ( ) Local Agency

✓ APPROVAL RECOMMENDED

STATE CONSTRUCTION ENGINEER

EXECUTED:

STATE CONSTRUCTION ENGINEER

DATE

✓ APPROVAL RECOMMENDED

REGIONAL ADMIN:

OTHER APPROVAL WHEN REQUIRED

EXECUTED:

FHWA

SIGNATURE

DATE

APPROVED FOR DIVISION ADMINISTRATOR

SOUND TRANSIT REPRESENTING

DATE

DATE

CC02/01 (revised Feb 2005)
All work, materials, and measurements to be in accordance with the provisions of the Standard Specifications and Special Provisions for the type of construction involved.

This contract is revised as follows:

DESCRIPTION OF THE WORK
The pavement marking Subcontractor is allowed to remove existing pavement markings and replace them using temporary pavement marking paint for edge lines and temporary pavement marking tape for lane lines.

MATERIALS REQUIREMENTS
Temporary pavement marking paint, meeting the requirements of Section 8-23.3(2)A, shall be used for temporary edge lines only. Removed lane lines shall be replaced with temporary pavement marking tape as specified in the Contract Provisions for Temporary Pavement Markings.

CONSTRUCTION REQUIREMENTS
For each direction of I-90, EB and WB the Contractor shall:

remove edge lines and lane lines down to the pavement surface. The Contractor shall, during the same shift as removals, replace the edge lines with temporary pavement marking paint and the lane lines with temporary pavement marking tape.

When installing permanent markings, the Contractor shall then remove the temporary pavement marking paint by hydro-blasting, and the temporary pavement marking tape by hand removal and install the new permanent pavement markings in their new, permanent configuration.

Temporary pavement marking paint shall be applied in accordance with Section 8-23.3.

Temporary pavement marking tape shall be applied in accordance with Section 8-23.3(2)C.

Removal of pavement markings shall be in accordance with the contract for the material specified.

MEASUREMENT
The total Proposal quantity of Bid Item 131, Temporary Pavement Marking-Short Duration, is deleted.

The Proposal quantity of Bid Item 132, Temporary Pavement Marking-Long Duration, is decreased by 120,000 linear feet.

The new Item "CO 89 Temp Paint" shall be measured by the linear foot in
accordance with Section 8-23.4.

PAYMENT
Payment for the new Item, "CO 89 Temp Paint", in the amount of $0.17 per linear foot, shall be for construction, maintaining, and removal of temporary pavement marking paint. This amount includes all markups.

CONTRACT TIME
No working days are added to contract time by this change order.

EXCEPTIONS AND DISCLAIMERS
By signing this change order, the Contractor agrees that no future claims for time or payment will be made for any temporary pavement marking issue including, but not limited to, additional days of contract time, price adjustment for overruns, and equitable adjustments for underruns.
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