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OCT 28 2017

Change Record

Contract Number 008977	Contract Title I-90/Adams Co Line to Spokane Co Line - Paving	Federal Aid Number NHPP-0905(104)
Change Order Number 3 <i>RI</i>	Change Description Delete SMA	Date Oct 12, 2017
Region Eastern Region	Project Engineer Chad Simonson, P.E. <i>CS</i>	Phone Number 324-6252
Prime Contractor / Design-Builder Kerr Contractors Oregon, Inc.		

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

Evolution & Description Of Change

Following execution of the Contract (1/10/17), Kerr Contractors began expressing concerns over the SMA mix design. These concerns grew after several tests, performed by their testing subcontractor, resulted in unacceptable mixes. One of the main concerns for Kerr was the absorption rate of the rock out of the WSDOT source from which Kerr got the material for the SMA. The SMA mix design was received by HQ Lab on 5/25/17 and rejected on 7/6/17. A second SMA mix design was received by HQ Lab on 7/31/17 and rejected on 8/30/17. Kerr was allowed to grind the existing pavement prior to having the SMA Mix Design approved. Due to time constraints for getting pavement placed this season and with in the paving window of October 1st, Region and HQ Construction relented to Kerr's request to pave back with HMA instead of SMA. A meeting took place in Robert Blegen's office on 9/8/17 that included a conference call between Region, Kerr, and HQ Construction. Kerr was given permission to proceed with paving the SMA areas with HMA with an understanding that a change order was forthcoming.

[Handwritten signature]

Contract Number 008977	Contract Title I-90/Adams Co Line to Spokane Co Line - Paving	Change Order Number 3R1
<p>Basis of Cost & Justification:</p> <p>Credit is based on the loss of life of HMA vs. SMA. By using a conservative estimate of 14 years for HMA and 18 years for SMA, the cost is \$130,807. Utilizing associated cost of 50% of the HMA to produce, advertise, and provide associated work results in \$185,883 for a total of \$316,690. The 50% was determined from discussion with HQ construction and comparing the overall project costs.</p> <p>This equates to #316,690</p> <p>Kerr noted cost savings of \$45,000 to not purchase materials and specialized equipment.</p> <p>The total credit to substitute HMA for SMA is \$361,690.</p>		
<p>Contract Time:</p> <p>Contract time is not effected as the time to produce each product is the same.</p>		
<p>Prior Approvals:</p> <p>HQ Const.: Denys Tak 9/5/17 ER Const: Robert Blegen 9/5/17 PE: Chad Simonson 9/5/17 Provided during phone meeting on 9/5/17</p>		
<p>List Attachments:</p> <p>Change Order #3 Change Order Check List Estimate Letter from Kerr noting Unilateral Acceptance</p>		

Distribution By: Project Office
Copy of Change Records & Change Order w/Backup - Project Engineer
Copy of ONLY Change Order - Prime Contractor / Design-Builder
Electronic Copy of Change Records & Change Order w/Backup - State Construction Office
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Region
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**WASHINGTON STATE
DEPARTMENT OF TRANSPORTATION
CHANGE ORDER**

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CONTRACT NO: 008977 FEDERAL AID NO: NHPP-0905 (104)
 CONTRACT TITLE: I-90 ADAMS COUNTY LINE TO SPOKANE COUNTY LINE PAVI
 CHANGE ORDER NO: 3 R1 CO3 - DELETE SMA

PRIME CONTRACTOR: SW0159719 KERR CONTRACTORS OREGON, INC.
 P O BOX 1060
 WOODBURN OR 97071-1060

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

ENDORSED BY: _____ UNILATERAL _____ CONTRACTOR _____ DATE	SURETY CONSENT: _____ ATTORNEY IN FACT _____ DATE
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ORIGINAL CONTRACT AMOUNT: 9,721,681.27
 CURRENT CONTRACT AMOUNT: 9,721,681.27
 ESTIMATED NET CHANGE THIS ORDER: -630,890.00
 ESTIMATED CONTRACT TOTAL AFTER CHANGE: 9,090,791.27

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

<input checked="" type="checkbox"/> APPROVAL RECOMMENDED _____ PROJECT ENGINEER 10/19/17 _____ DATE	<input type="checkbox"/> EXECUTED EXECUTED: ✓ _____ STATE CONSTRUCTION ENGINEER 11-1-2017 _____ DATE
<input checked="" type="checkbox"/> APPROVAL RECOMMENDED REGIONAL ADMIN: _____ BY: _____ 10/19/17 _____ DATE	<input type="checkbox"/> EXECUTED OTHER APPROVAL WHEN REQUIRED _____ SIGNATURE _____ REPRESENTING _____ DATE

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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

This Contractor proposed change order replaces all Stone Matrix Asphalt (SMA) with Hot Mix Asphalt (HMA). An equitable adjustment credit payment to WSDOT is included for the added costs WSDOT incurs resulting from the change order.

Materials

All materials requirements of Section 5-04.2 shall apply.

Construction Requirements

All Work for Bid Item 29 "SMA CL. IN. PG 76-28" is deleted from the Contract and is replaced with Bid Item 74 "HMA CL 3/8 IN. PG 76-28".

All references to SMA CL. IN. PG 76-28, Shown on the Plan Sheets, shall be revised to HMA CL. 3/8 IN. PG 76-28.

Payment

The additional quantity of HMA CL. 3/8 IN. PG 76-28 will be paid by Bid Item 74. This shall be full payment for all costs for the substitution of HMA for SMA.

Bid Item 29 "SMA CL. 1/2 IN. PG 76-28" is deleted by this change order.

Bid Item "CO3 - SMA EA Credit", lump sum.

The new Bid tem "CO3 - SMA EA Credit" shall be an equitable adjustment credit for the deletion of Bid item 29 "SMA CL. 1/2 IN. PG 76-28" applied to WSDOT in the amount of \$361,690.00.

Contract Time

Working days are not impacted by this change.

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ITEM NO	GROUP NO	STD ITEM	ITEM DESCRIPTION	UNIT MEASURE	UNIT PRICE	EST QTY CHANGE	EST AMT CHANGE
0029	01		SMA CL. 1/2 IN. PG 76-28	TON	64.00	-26,920.00	-1,722,880.00
0074	07	5766	HMA CL. 3/8 IN. PG 76-28	TON	54.00	26,920.00	1,453,680.00
1001	07		CO3 - SMA EA CREDIT	L.S.	-361,690.00	1.00	-361,690.00

-630,890.00
