

CITY OF FOUNTAINS  
HEART OF THE NATIONKANSAS CITY  
MISSOURI**CHANGE ORDER**

Project Number 62220553

Project Title Landside Structural Rehab

Change Order No: 3 Date of Issuance: 9/11/2023

Ordinance No: 220227 Ordinance Effective Date: 3/31/2022  
Contract Notice To Proceed Date: 5/18/2022

To CONTRACTOR: *Comanche Construction, Inc.*

The Contract is changed as follows:

CO Item No.	Item	Item Description	Remarks:
3.1	20	Substructure Repair (Formed)	Addition of 6.6 / SF Original Quantity: 157 SF Add. Quantity from CO2: 124.3 SF Final Quantity: 287.9 SF Overrun: 6.6 SF @ \$198.00/SF= \$1,306.80
3.2	21	Superstructure Repair (Formed)	Deduction of 31.5 / SF Original Quantity: 45 SF Final Quantity: 13.5 SF Underrun: 31.5 SF @ \$526.00/SF= (\$16,569.00)
3.3	22	Barrier Repair (Formed)	Deduction of 263 / SF Original Quantity: 458 SF Final Quantity: 195 SF Underrun: 263 SF @ \$152.00/SF= (\$39,976.00)
3.4	23	Superstructure Repair (Unformed)	Addition of 15.6 / SF Original Quantity: 77 SF Final Quantity: 92.6 SF Overrun: 15.6 SF @ \$268.00/SF= \$4,180.80
3.5	24	Half-Sole Repair	Addition of 1365.6 / SF Original Quantity: 2200 SF Add. Quantity from CO1: 150.1 SF Add. Quantity from CO2: 1600 SF Final Quantity: 5315.7 SF Overrun: 1365.6 SF @ \$51.00/SF= \$69,645.60
3.6	25	Full Depth Repair	Deduction of 131 / SF Original Quantity: 300 SF Final Quantity: 169 SF Underrun: 131 SF @ \$91.00/SF= (\$11,921.00)
3.7	26	Epoxy Pressure Injection	Addition of 165 / LF Original Quantity: 743 LF Final Quantity: 908 LF Overrun: 165 LF @ \$91.50/LF= \$15,097.50
3.8	28	Embedded Galvanic Anodes	Deduction of 379 / EA Original Quantity: 2026 EA Final Quantity: 1647 EA Underrun: 379 EA @ \$47.00/EA= (\$17,813.00)

3.9	29	Weep Drain Clean and Repair	Addition of 6 EA Original Quantity: 142 EA Final Quantity: 148 EA Overrun: 6 EA @ \$148.00/Ea=	\$888.00
3.10	34	Slurry Pit Cleanout	Addition of 1 LS Original Quantity: 0 Final Quantity: 1 LS Overrun: 1 LS @ \$8063.95=	\$8,063.95
3.11	35	Barrier Curb Reinforcing	Addition of 1 LS Original Quantity: 0 Final Quantity: 1 LS Overrun: 1 LS @ \$14,847.30=	\$14,847.30

This Change Order constitutes compensation in full on behalf of the Contractor and its subcontractors and suppliers for all costs, including impact costs and extended general conditions, and markups directly and indirectly attributable to the Work changes ordered herein, for all delays related thereto and for performance of the changes within the time stated. Contractor hereby releases all claims for delay, interruption, extended general conditions, impact and cumulative impact claims for this Work.

See Attached Document(s).

**Not valid until signed by the Director of Finance.**

The original Contract Price was	\$1,919,514.00
Net change by previously authorized Change Orders	\$486,332.91
The Contract Price prior to this Change Order was	\$2,405,846.91
The Contract Price will be increased by	\$27,750.95
The new Contract Price including this Change Order will be	\$2,433,597.86
The Contract Time will be <b>extended</b>	5 days
The date of Substantial Completion as of the date of this Change Order therefore is	8/3/2023
The date of Final Completion as of the date of this Change Order therefore is	9/2/2023

Project No. & Title 62220553 Landside Structural Rehab

Change Order No. 3

DESIGN PROFESSIONAL: <i>David Y. Barrett</i>	By: David Barrett, P.E. Project Manager HDR Engineering, Inc. Title:	Date: September 11, 2023
CONTRACTOR: <i>Barclay Hornung</i>	By: <i>Barclay Hornung</i> Title: <i>President</i>	Date: <i>09/12/23</i>
CITY: Kansas City, Missouri	By: <i>Justin Meyer</i> DocuSigned by: Title: Director, 585701189E3B458...	Date: 9/18/2023

Approved as to form: \_\_\_\_\_

DocuSigned by:  
*Charlotte Ferns*  
Assistant City Attorney

I certify there is a balance otherwise unencumbered to the credit of the appropriation to which the above amount is chargeable, and a cash balance otherwise unencumbered in the treasury to the credit of the fund from which payment is to be made, each sufficient to meet the above obligation.

Director of Finance *Eric Clewinger*  
18F59B5A8EE444E...

9/25/2023

Date

Distribution:  CITY  CONTRACTOR  DESIGN PROFESSIONAL

**REMINDER:** CONTRACTOR is responsible for considering the effect this Change Order may have on its ability to meet or exceed the D/M/WBE participation amounts in its Contractor Utilization Plan (CUP) as amended by any previously approved Request for Modification/Substitution. If CONTRACTOR will not be able to achieve the approved participation amounts in performing the work included within this Change Order, or if CONTRACTOR needs to retain the services of additional D/M/WBEs not previously listed in its CUP, CONTRACTOR is advised to submit a Request for Modification/Substitution.



September 11, 2023

Mallie Hare  
 Project Manager  
 Kansas City Aviation Department  
 601 Brasilia Ave.  
 Kansas City, MO 64153

Re: Design Professional Recommendation for Change Order No. 03  
 Kansas City International Airport  
 Landside Structural Rehab  
 Project No.62220553

Dear Ms. Hare:

HDR Engineering, Inc. recommends the approval of Change Order No. 03 in the amount of \$27,750.95 to Comanche Construction, Inc. The items included and background information on each is included below. The proposed costs provided by the contractor in response to the requests for proposals described below have been evaluated, and we believe the costs proposed for these items are fair.

Item No.	Reason	Change in Value
3.1	<b>Substructure Repair Formed: Quantity Adjustment</b> Item 20 Substructure Repair (Formed): Plan quantity is 157 SF. Quantity in place is 287.9 SF. An additional 124.3 SF was added in CO2. During construction, actual repair areas were found to be larger than estimated. The previously adjusted contract quantity was overrun by 6.6 SF. Cost was adjusted according to the modified bid unit pricing for this pay item.	\$1306.80
3.2	<b>Superstructure Repair (Formed)</b> Item 21 Superstructure Repair (Formed): Plan quantity is 45 SF. Quantity in place is 13.5 SF. During construction, actual repair areas were found to be smaller than estimated. Some areas assumed to be formed repairs were completed as unformed repairs as shown in paragraph 3.4 below. The original plan quantity was underrun by 31.5 SF. Cost was adjusted according to the modified bid unit pricing for this pay item.	- \$16,569.00

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 (816) 360-2700

3.3	<p><b>Barrier Repair (Formed)</b>  Item 22 Barrier Repair (Formed): Plan quantity is 458 SF. Quantity in place is 195SF. Plan quantities were estimated from inspection photographs. During construction, actual repair areas were found to be smaller than estimated. The original plan quantity was underrun by 263SF. Cost was adjusted according to the modified bid unit pricing for this pay item.</p>	- \$39,976.00
3.4	<p><b>Superstructure Repair (Unormed)</b>  Item 23 Superstructure Repair (Unormed): Plan quantity is 77 SF. Quantity in place is 92.6 SF. During construction, actual repair areas were found to be larger than estimated. Some areas assumed to be formed repairs were completed as unormed. The original plan quantity was overrun by 15.6 SF. Cost was adjusted according to the modified bid unit pricing for this pay item.</p>	\$4180.80
3.5	<p><b>Half-Sole Repair</b>  Item 24 Half-Sole Repair: Plan Quantity is 2200 SF. An additional 150.1 SF was added in CO1 and 1600 SF was added in CO2. Quantity in place is 5315.7 SF. The plans assumed 9% of the deck area would need to be repaired. The actual repair areas found after the overlay was removed are greater. The previously adjusted contract quantity and previous changed orders was overrun by 1365.6 SF Cost was adjusted according to the-bid unit pricing for this pay item.</p>	\$69,645.60
3.6	<p><b>Full Depth Repair</b>  Item 25 Full Depth Repair: Plan quantity is 300 SF. Quantity in place is 169 SF. Plan quantities were estimated from inspection photographs. During construction, actual repair areas were found to be smaller than estimated. The original plan quantity was underrun by 131 SF. Cost was adjusted according to the modified bid unit pricing for this pay item.</p>	- \$11,921.00

3.7	<p><b>Epoxy Pressure Injection</b>  Item 26 Epoxy Pressure Injection: Plan quantity is 743 LF. Quantity in place is 908 LF. During construction, actual crack lengths were found to be larger than estimated. The original plan quantity was overrun by 165 LF. Cost was adjusted according to the modified bid unit pricing for this pay item.</p>	\$15,097.50
3.8	<p><b>Embedded Galvanic Anodes</b>  Item 28 Embedded Galvanic Anodes: Plan quantity is 2026 EA. Quantity in place is 1647 EA. Plan quantities were estimated assuming repair areas were multiple smaller patches. Actual deck repairs were larger areas requiring less anodes around the perimeter. The original plan quantity was underrun by 379 EA. Cost was adjusted according to the modified bid unit pricing for this pay item.</p>	- \$17,813.00
3.9	<p><b>Weep Drain Clean and Repair</b>  Item 29 Weep Drain Clean and Repair: Plan quantity is 142 EA. Quantity in place is 148 EA. Plans were developed based on as-built drawings. During construction, actual number of weep drains was found to be greater than included in as-built plans. The original plan quantity was overrun by 6 EA. Cost was adjusted according to the modified bid unit pricing for this pay item.</p>	\$888.00
3.10	<p><b>Slurry Pit Cleanout</b>  Item 34 Slurry Pit Cleanout: New item. During the temporary suspension of construction for the winter shut down of the project the previously established slurry pit was used as a concrete truck washout. Concrete and debris were removed from the slurry pit. The cost of various labor and equipment needed to clear the slurry pit were combined into a Lump Sum price of \$8063.95.</p>	\$8063.95

3.11	<b>Barrier Curb Reinforcing</b> Item 35 Barrier Curb Reinforcing: New item. After removal of deteriorated concrete in the curb portion of the north barrier on Paris Street bridge, the reinforcing was found to be heavily deteriorated and ineffective. New reinforcing was acquired and anchored to the existing bridge deck using epoxy in drilled holes. The cost of various labor, material and equipment needed to install the reinforcing bars was combined into a Lump Sum price of \$14,847.30.	\$14,847.30

Feel free to give me a call with any questions or concerns you may have at 816.360.2752.

Sincerely,  
HDR Engineering, Inc.



David Barrett  
Sr. Bridge Engineer