

## CHANGE ORDER NO.: 02

Owner: City of Jackson, Missouri  
Engineer: Horner & Shifrin, Inc. Engineer's Project No.: 2103602  
Contractor: RIHC Contracting  
Project: Jackson Water Plan Improvements Project, Phase 2, Project 2D

Date Issued: May 01, 2024 Effective Date of Change Order: May 07 2024

The Contract is modified as follows upon execution of this Change Order No. 02 Revision 03

### **CO 02 REV 03**

#### **Description:**

The Contract Times must be extended to accommodate unforeseen project delays, summarized below, which are beyond the control of the Contractor. The Contractor has cooperated with the City and with the Engineer and has generally made a good faith effort to minimize the impact of these delays. Horner & Shifrin recommends that the City approve the Contract Time extension(s) as indicated on the Contractor's revised Construction Schedule, attached herewith.

- 1.) Contractor's field investigation found the construction of the existing WTP#2 roof was not compatible with the Engineer's details for the construction of the new Fluoride Room walls. The Contractor was instructed to suspend construction on this portion of the Work until revised construction details were developed, approved by the City, and distributed. Construction of these masonry walls is a critical path activity; therefore, other trade Work is delayed as well. The Contractor has submitted a request for a Contract Price INCREASE to construct the wall as modified in RFP\_04\_REV\_00.
- 2.) The new Motor Control Center (MCC) equipment needed to support the new High Service Pump (HSP-03) installation in the existing WTP#01 was specified as a sole-source supply to ensure compatibility with existing equipment. The equipment OEM (Eaton) responded with excessive fabrication lead times during the shop drawing submittal phase of this project. The Contractor has proposed an alternative (see RFP\_05\_REV\_00) to significantly reduce equipment lead time(s); however, the construction schedule must be still be extended, albeit to a lesser extent, to accommodate fabrication lead times of the alternative equipment. The Contractor's proposed solution results in a Contractor Price DEDUCT due to the City.

The total of the Contractor's Contract Price adjustment for the above-stated Work results in a total Contract Price DEDUCT and CREDIT back to the City. See TABLE 01, attached, for further detail.

#### **Attachments:**


- 1.) Table No. 01 – Description of Change Order No. 02 REV\_03
- 2.) Contractor's Notice of Potential Delay and Reservation of Rights, dated 2/16/24 (pages 2 of 2)
- 3.) Contractor's Revised Construction Schedule, dated 04/30/2024 (pages 2 of 2)
- 4.) Contract Notice to Proceed, dated 03/14/2023 (pages 1 of 1)
- 5.) Request for Proposal No. 04 REV\_00 (RFP\_04\_REV\_00)
  - a. Contractor's Change Order Request #006 (COR\_006)
- 6.) Request for Proposal No. 05 REV\_00 (RFP\_05\_REV\_00)
  - a. Contractor's Change Order Request #005 (COR\_005)

**Change in Contract Times**  
**[State Contract Times as either a specific date or a number of days]**

| <b>Change in Contract Price</b>  |  | <b>Change in Contract Times</b>  |  |
|--|--|--|--|
| Original Contract Price:<br>\$ <u>1,269,000.00</u>   |  | Original Contract Times:<br>Substantial Completion: <u>February 18, 2024</u><br>Ready for final payment: <u>March 19, 2024</u>                           |  |
| <b>Increase</b> from previously approved Change Orders <b>No.01</b><br>\$ <u>\$46,830.00</u> |  | <b>No Change [days]</b> from previously approved Change Orders No.1<br>Substantial Completion: <u>0 days</u><br>Ready for final payment: <u>0 days</u>   |  |
| Contract Price prior to this Change Order:<br>\$ <u>1,315,830.00</u>                         |  | Contract Times prior to this Change Order:<br>Substantial Completion: <u>February 18, 2024</u><br>Ready for final payment: <u>March 19, 2024</u>         |  |
| <b>Decrease</b> this Change Order:<br>\$ <u>-(43,724.09)</u>                                 |  | <b>Increase [days]</b> this Change Order:<br>Substantial Completion: <u>277 days</u><br>Ready for final payment: <u>277 days</u>                         |  |
| Contract Price incorporating this Change Order:<br>\$ <u>1,272,105.91</u>                    |  | Contract Times with all approved Change Orders:<br>Substantial Completion: <u>November 21, 2024</u><br>Ready for final payment: <u>December 21, 2024</u> |  |

Recommended by Engineer (if required)

Authorized by Owner


By:   
 Lisa Fennewald, P.E.

Title: Senior Project Manager, H&S

Date: May 01, 2024

Accepted by Contactor

Mayor, City of Jackson

By: 

Title: President - Robinson Companies, Inc.

Date: 5/3/24

**Table No. 1 - Description of Change Order No. 02 REV 03**

**Jackson Water Plant Improvements, Phase 2, Project 2D  
City of Jackson, Missouri**

| <b>Item No.</b>                     | <b>Description</b>   | <b>Attached Reference Exhibit</b> | <b>Lump Sum Price</b> | <b>Increase (Decrease) in Contract Price</b> | <b>Increase (Decrease) in Contract Time</b> | <b>Explanation/Comments</b>   |
|-------------------------------------|--|-----------------------------------|-----------------------|--|---|---|
| 1                                   | Alternative supply of WTP#01 new HSP-03 Eaton MCC panel and Eaton drive due to excessive equipment fabrication lead times quoted by Contractor's original supplier, Municipal Equipment Company (MEC). | RFP_05 (REV_00)<br><br>COR_005    | (\$48,483.94)         | (\$48,483.94)                                | 277 Days                                    | Alternative supply of WTP#01 new HSP-03 Eaton MCC panel and Eaton drive due to excessive equipment fabrication lead times quoted by Contractor's original supplier, Municipal Equipment Company (MEC). Prime Contractor has proposed expanding the current sub-contract agreement with the electrical sub-contract, KT Power & Assoc., to include provision and installation of the MCC equipment under the electrical sub-contractor's Scope to reduce delivery lead times of equipment.<br><br>The City will furnish one (1) new spare Eaton VFD DG1-3425-FN-C21C to the Contractor for installation within the new HSP-03 MCC section in order to avoid delays from equipment lead times. The Contractor will purchase one (1) new like-kind Eaton VFD DG1-3425-FN-C21C to furnish loose to City prior to end of construction. Lead time on the replacement Eaton VFD is currently estimated at 28 weeks following submittal approval. Contractor will surrender new replacement VFD to City immediately upon receipt. |
| 2                                   | Modify connction of new fluoride room interior walls to existing roof/ceiling of WTP#02. Install drop ceiling in Flouride room.  | RFP_04 (REV_00)<br><br>COR_006    | \$4,759.85            | \$4,759.85                                   |   | Contractor observed construction of existing WTP#02 roof/ceiling differs from that shown on the record drawings furnished by the City for design. The field-documented construction of the existing WTP#02 roof precludes anchoring of the new Fluoride room interior walls to the existing roof. The Fluoride room design was modified via RFP_04_REV_00 to utilize a new interior ceiling to eliminate the need to anchor the new interior walls to the existing roof system. This modification delayed construction progress as the Contractor was instructed not to proceed with the block wall construction until Engineer had finalized and distributed new construction details.   |
| <b>TOTAL [Increase, (Decrease)]</b> |  |                                   |                       | <b>(\$43,724.09)</b>                         | <b>277 Days</b>                             |   |