

CHANGE ORDER NO.: 04

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: January 29, 2025 Effective Date of Change Order: January 29, 2025

The Contract is modified as follows upon execution of this Change Order No. 04 **CO 04 REV 00**

Description: See attached Table No.01

- 1.) WTP No.2 Doorway Lintel Replacement and Rehabilitation. Remove and replace three (3) ex. door lintels on the main level of WTP No.2 and rehabilitate one (1) ex. door lintel at the lower level of WTP No.2. Refer to RFI_008_REV_00, attached, for further information. Refer to Contractor's Change Request COR_003, attached, for pricing of additional Scope.
- 2.) RFI #12 - Repair existing opening in existing exterior masonry wall of new Fluoride Room at WTP No.2 with clay masonry units (bricks) to match existing exterior building finish. Refer to Contractor's Change Request COR_004, attached, for pricing of additional Scope.
- 3.) Extra electrical work, related to SCADA, agreed upon on-site w/ Janet during WTP#2 substantial completion startup on T&M basis. Conduit installation to accommodate the existing SCADA wiring in the lower level, and recabling of SCADA cables from the chlorine room to the SCADA panel. Refer to Contractor's Change Order COR_009, attached for pricing of additional scope.

The total of the Contractor's Contract Price adjustment for the above-stated Work results in a total Contract Price ADDER. See TABLE 01, attached, for further detail.

Attachments:

- 1.) Table No. 01 – Description of Change Order No. 04 REV_00
- 2.) Request for Proposal No. 08 REV_00
 - a. Contractor's Change Order COR_003
- 3.) Request for Proposal No. 12 REV_00
 - a. Contractor's Change Order COR_004
- 4.) Contractor's Change Order COR_009

(Continued on following page)

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

Change in Contract Price	
Original Contract Price: \$ <u>1,269,000.00</u>	Original Contract Times: Substantial Completion: <u>February 18, 2024</u> Ready for final payment: <u>March 19, 2024</u>
Increase from previously approved Change Orders No.01, No. 02 and No. 03 \$ <u>\$15,121.85</u>	Increase [days] from previously approved Change Orders No.02 Substantial Completion: <u>277 days</u> Ready for final payment: <u>277 days</u>
Contract Price prior to this Change Order: \$ <u>1,284,121.85</u>	Contract Times prior to this Change Order: Substantial Completion: <u>November 21, 2024</u> Ready for final payment: <u>December 21, 2024</u>
Increase this Change Order: \$ <u>\$7,505.17</u>	No Change [days] this Change Order: Substantial Completion: <u>0 days</u> Ready for final payment: <u>0 days</u>
Contract Price incorporating this Change Order: \$ <u>1,291,627.02</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>November 21, 2024</u> Ready for final payment: <u>December 21, 2024</u>

Recommended by Engineer (if required)

Authorized by Owner

By: <u>Lisa Fennewald, P.E.</u>	<u></u>
Title: <u>Senior Project Manager, H&S</u>	<u>Mayor, City of Jackson</u>
Date: <u>January 29, 2025</u>	<u></u>
<u>Accepted by Contactor</u>	<u></u>

By: <u></u>	<u></u>
Title: <u></u>	<u></u>
Date: <u></u>	<u></u>

Table No. 1 - Description of Change Order No. 04 REV 00

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

Item No.	Description	Attached Reference Exhibit	Increase (Decrease) in Contract Price	Increase (Decrease) in Contract Time	Explanation/Comments
1	WTP#2 - Lintel replacement and repairs	RFP_08_REV_00; G.C. COR #003	\$4,202.08	0 DAYS	WTP No.2 Doorway Lintel Replacement and Rehabilitation. Remove and replace three (3) ex. door lintels on the main level of WTP No.2 and rehabilitate one (1) ex. door lintel at the lower level of WTP No.2. Refer to RFI_008_REV_00, attached, for further information.
2	WTP#2 - Repair existing masonry wall opening of new Flouride Room	RFI_012_REV_00; G.C. COR #004	\$892.50	0 DAYS	Repair existing opening in existing exterior masonry wall of new Fluoride Room at WTP No.2 with clay masonry units (bricks) to match existing exterior building finish. Refer to Contractor's Change Request CR_004, attached, for pricing of additional Scope
4	WTP#2 - Extra electrical work related to SCADA	G.C. COR #009	\$2,410.59	0 DAYS	Extra electrical work, related to SCADA, agreed upon on-site w/ Janet during WTP#2 substantial completion startup on T&M basis. Conduit installation to accommodate the existing SCADA wiring in the lower level, and recabling of SCADA cables from the chlorine room to the SCADA panel.
	TOTAL [Increase, (Decrease)]		\$7,505.17	0 DAYS	



RIHC Contracting
2411 Walters Lane
Perryville, Missouri 63775
P: (573) 605-0500

**Project: 53-616 City of Jackson-Jackson, MO-Water Plant
Improvements Ph 2**
420 Florence Drive
Jackson, Missouri 63755

RFI #8: Lintel Replacement

Status	Open		
To	Chad Brenton (Horner & Shifrin) Spencer Fitzgerald (Horner & Shifrin)	From	Susan Verseman (RIHC Contracting)
Date Initiated	Jun 29, 2023	Due Date	Jul 2, 2023
Location	Project Stage		
Cost Impact	Schedule Impact		
Spec Section	Cost Code		
Drawing Number	S5	Reference	
Linked Drawings			
Received From	Scott Brown (RIHC Contracting)	Sub Job	
Copies To	Lisa Fennewald (Horner & Shifrin)		

Activity

Question

Question from Susan Verseman RIHC Contracting on Thursday, Jun 29, 2023 at 06:25 PM CDT

We noticed the lintels are only called out to be replaced on three of the door/window replacements. There are four additional exterior doors that get replaced, three singles and a double, in which the plans do not indicate to replace the lintels. After inspecting these at the site on a recent visit, we noticed there is some considerable rust on the ones that are to remain.

I have attached pictures of some of these lintels, one is even pieced together from two separate pieces. It appears that some flashing was installed recently to conceal some of the rusted lintels. Should the replacement of all lintels with door replacements be considered?

Attachments

[Double Door-East \(Zoomed In\).png](#), [Double Door-East.png](#), [South 4' Wide Door.png](#), [South 4' Wide Door.png](#)

Awaiting an Official Response

All Replies

Response from Spencer Fitzgerald Horner & Shifrin on Tuesday, Jul 11, 2023 at 04:49 PM CDT

Horner & Shifrin will issue an RFP to solicit pricing to add the removal and replacement of the existing four (4) steel lintels to the current Contract Scope. RFP to follow. Do not proceed with cleaning of ex. lintels until Owner has either accepted or rejected the RFP response. (SJF, H&S, 07/11/2023)

Response from Chad Brenton Horner & Shifrin on Tuesday, Jul 11, 2023 at 02:24 PM CDT

If the steel lintels have a significant material loss, as in more than just surface rust that could be cleaned off, then they should be replaced. After further inspection of these photos, it does look like the double door lintel does need to be replaced.

If the other door lintels cannot be sufficiently cleaned of rust and repainted, then they should be replaced as well.

Also, the lintels need to be continuous so the one that is two separate pieces should be replaced with a continuous member.

Robinson Industrial, Heavy & Comm

2411 Walters Lane
Perryville, MO 63775
Ph : 573-605-0500

Change Request

To: Spencer Fitzgerald
Horner & Shifrin, Inc
401 S 18th Street
Suite 400
St. Louis, MO 63103-2296
Ph: (314)531-4321 Fax: (314)531-6966

Number: 003
Date: 8/31/23
Job: 53-616 Jackson-Jackson,MO-Water Plant
Phone:

Description: WTP #2 Doorway Lintel Replacment per RFP -3

We are pleased to offer the following specifications and pricing to make the following changes:

The removal and replacement of lintels in three additional doorways and the repair of one existing lintel in place per RFP 3. The lintel repair includes removing the rust and then painting the existing lintel per the specifications.

(3 EA) Linetel Replacements - \$3,677.08
(1 EA) Lintel Repair - \$525.00

The total amount to provide this work is \$4,202.08

If you have any questions, please contact me at (573)517-5111 .

Submitted by: Susan Verseman
Robinson Mechanical Contr Inc

Approved by: _____
Date: _____



RIHC Contracting
2411 Walters Lane
Perryville, Missouri 63775
P: (573) 605-0500

**Project: 53-616 City of Jackson-Jackson, MO-Water Plant
Improvements Ph 2**
420 Florence Drive
Jackson, Missouri 63755

RFI #12: Wall Opening in New Fluoride Room

Status	Open		
To	Spencer Fitzgerald (Horner & Shifrin)	From	Susan Verseman (RIHC Contracting)
Date Initiated	Jul 20, 2023	Due Date	Jul 23, 2023
Location	Project Stage		
Cost Impact	Schedule Impact		
Spec Section	Cost Code		
Drawing Number	Reference		
Linked Drawings			
Received From	Scott Brown (RIHC Contracting)	Sub Job	
Copies To	Lisa Fennewald (Horner & Shifrin)		

Activity

Question

Question from Susan Verseman RIHC Contracting on Thursday, Jul 20, 2023 at 03:17 PM CDT

See the attached site photos that show a small wall opening in the exterior wall of the new Fluoride Room. This is an existing opening that has been attempted to be grouted in but allows daylight through. There are two pictures attached showing the opening from the inside wall and one from the outside wall.

Does this opening need to be addressed?

Attachments

[Wall Open Fluoride Room #3 - Exterior Side.jpg](#), [Wall Open Fluoride Room #2 - Interior Side.jpg](#), [Wall Open Fluoride Room #1 - Interior Side.jpg](#)

Awaiting an Official Response

All Replies

Response from Spencer Fitzgerald Horner & Shifrin on Tuesday, Aug 8, 2023 at 04:44 PM CDT

REMOVE EXISTING GROUT FROM OPENING. REMOVE EXISTING STEEL CHANNEL FROM INSIDE PERIMETER OF OPENING TO EXTENT POSSIBLE WITH CHISEL AND HAMMER. BLOCK OPENING WITH TYP. CLAY BRICK TO BEST MATCH EXTERIOR. MORTAR STRENGTH AND COLOR TO MATCH EXISTING. REFER TO SPECIFICATIONS AND STRUCTURAL GENERAL NOTES DRAWING SHEET S1.

(SJF/CLB, H&S, 08/08/2023)

Robinson Industrial, Heavy & Comm

2411 Walters Lane
Perryville, MO 63775
Ph : 573-605-0500

Change Request

To: Spencer Fitzgerald
Horner & Shifrin, Inc
401 S 18th Street
Suite 400
St. Louis, MO 63103-2296
Ph: (314)531-4321 Fax: (314)531-6966

Number: 004
Date: 9/1/23
Job: 53-616 Jackson-Jackson,MO-Water Plant
Phone:

Description: Fill Masonry Opening in New Flouride Room per RFI #12

We are pleased to offer the following specifications and pricing to make the following changes:
To brick infill the opening discovered in the exterior wall of the new Fluoride Room per the RFI #12 response.

The total amount to provide this work is \$892.50

If you have any questions, please contact me at (573)517-5111 .

Submitted by: Susan Verseman
Robinson Mechanical Contr Inc

Approved by: _____
Date: _____

Robinson Mechanical Contractors

DBA:Robinson Construction Company
2411 Walters Lane
Perryville, MO 63775
Ph : (573)547-8397

Change Order Request

To: Spencer Fitzgerald
Horner & Shiffrin, Inc
401 S 18th Street
Suite 400
St. Louis, MO 63103-2296
Ph: (314)531-4321 Fax: (314)531-6966

Number: 009
Date: 1/21/25
Job: 53-616 Jackson-Jackson,MO-Water Plant
Phone:
Response Due:
Urgency: Normal

Description: Extra Electrical Work

Scope of Work:

This request is for the additional electrical work requested by the Owner/Engineer. It was agreed that the cost for the following changes would be reimbursed on a Time and Material basis.

- WP#2 Conduits in Lower Level - Conduit installation to accommodate the existing SCADA wiring that was not in conduit for the instrument inputs, into the existing SCADA Control Panel. (\$1,219.42)

- WP#2 Chlorine Room - Recabling SCADA cables from the Chlorine room to the SCADA Panel. This cost was for the work to re-pull the electrical cables installed to the emergency actuator and pressure sensor. This also replaced the single conductors for the actuator. (\$1,076.78)

The total amount to provide this work is \$2,410.59

If you have any questions, please contact me at (573)547-8397.

Submitted by: Susan Verseman
Susan Verseman
Robinson Construction Company

Approved by: _____
Date: _____



Power Systems

Electrical – Industrial - Commercial

433 County Road 638, Cape Girardeau, MO 63701

www.KTPowersystems.com (573) 388-4524 – Fax: (573)388-4547

January 21, 2025

Ms. Susan Verseman
Project Manager
Robinson Construction
2411 Walters Lane
Perryville, MO

RE: Additional Costing for Jackson Water Plant Added Items

Dear Ms. Susan,

The following is our short scope of work and costing for the three added items at the plant.

1. Additional work Downstairs is for the conduit installation to accommodate the existing SCADA wiring that was not in conduit for the instrument inputs, into the existing SCADA Control Panel. This conduit work puts the control wires that were in free air into a raceway system.

Material	\$ 136.56
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30' – ¾" PVC Conduit
8 – ¾" PVC Couplings
2 – ¾" PVC LB's, Cover and Gasket
2 – ¾" PVC T's, Cover and Gasket
8' – ¾" Flex
2 – ¾" Flex Connectors
125' - # 12 THHN

Labor 10 Hours on	\$ 1,082.86
Jay Helton 5 Hours on 11/19/24	
Kramer Crosier 5 Hours on 11/19/24	

Total	----- \$ 1,219.42
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Page 2
Ms. Susan Verseman
January 21, 2025

2. To Re-Cabling SCADA Cables. This work was for re-pulling the cabling that was installed to the emergency actuator and pressure sensor. This also replaced the single conductor's for the actuator. This cabling was from the Chlorine Room to the SCADA Panel.

Material	\$ 235.36

600' – 16/2 Belden Cable	
Labor 8 Hours	\$ 841.02
Jay Helton 2 Hours on 11/19/24	
Jay Helton 6 Hours on 11/21/24	

Total	\$ 1,076.38

If you have any questions, please let me know.

Sincerely,

Robin Koch Tolbert, E.E.

