

Date of Issuance: 10/4/2023
 Owner: City of Earlham
 Contractor: Blue Ribbon Builders
 Engineer: Shive-Hattery, Inc.
 Project: Earlham Lagoon Upgrades

Effective Date:
 Owner's Contract No.:
 Contractor's Project No.:
 Engineer's Project No.: 3201860
 Contract Name:

The Contract is modified as follows upon execution of this Change Order:

Description:

- 1 – Change Three (3) Wall Pipes to Pipe Sleeve with Link Seal.....(\$3,755.00) Deduct
 - 2 – Change Screen Building Sheet Metal to Local Source.....(\$3,600.00) Deduct
 - 3 - Change Settling Lagoon Air Header from DIP to HDPE.....(\$4,238.00) Deduct
 - 4 – Increase size of Manhole #2 from 48” to 60”.....\$1,800.00 Add
 - 5 – Add grout in Flow Splitting Chamber and Wet Well.....\$5,472.24 Add
 - 6 – Add Lift Station Stilling Well.....\$4,636.50 Add
 - 7 – Flow Elevation Adjustments\$5,470.00 Add
- Total.....\$5785.74 Add**

Attachments: Change Order Detail, BRB Wall Sleeve Estimate, BRB Sheet Metal Substitution Request, BRB Air Header Substitution Request, Manhole Submittal Cover, BRB Grout Estimate, BRB Stilling Well Estimate, BRB Flow Adjustment Estimate

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: \$ <u>3,951,100</u>	Original Contract Times: Substantial Completion: <u>December 1, 2023</u> Ready for Final Payment: <u>February 1, 2024</u> days or dates
[Increase] [Decrease] from previously approved Change Orders No. <u> </u> to No. <u> </u> : \$ <u> </u>	[Increase] [Decrease] from previously approved Change Orders No. <u> </u> to No. <u> </u> : Substantial Completion: <u>N/A</u> Ready for Final Payment: <u>N/A</u> days
Contract Price prior to this Change Order: \$ <u>3,951,100</u>	Contract Times prior to this Change Order: Substantial Completion: <u>December 1, 2023</u> Ready for Final Payment: <u>February 1, 2023</u> days or dates
[Increase] [Decrease] of this Change Order: \$ <u>5,785.74</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: <u>N/A</u> Ready for Final Payment: <u>N/A</u> days or dates
Contract Price incorporating this Change Order: \$ <u>3,956,885.74</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>December 1, 2023</u> Ready for Final Payment: <u>February 1, 2023</u> days or dates

<p>RECOMMENDED:</p> <p>Rv. <u>Jami D. Wiley</u> Engineer (if required)</p> <p>Title: <u>Civil Engineer</u></p> <p>Date: <u>10/04/2023</u></p>	<p>ACCEPTED:</p> <p>Rv. _____ Owner (Authorized)</p> <p>Title: _____</p> <p>Date: _____</p>	<p>ACCEPTED:</p> <p>Rv. _____ Contractor (Authorized Signature)</p> <p>Title: _____</p> <p>Date: _____</p>
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Approved by Funding Agency (if applicable)

By: _____ Date: _____
 Title: _____

Change Order 1 - Detail

Item #	Description	Reason	Cost
1	Change Two (2) Wall Pipes to Pipe Sleeve with Link Seal	Due to delivery time concerns with the ductile iron wall pipes. The wall pipes were changed to galvanized pipe sleeves with link	\$ (3,755.00)
2	Change Screen Building Sheet Metal to Local Source	Sheet metal was sourced from Earlham local supplier. Quality is different than specifications, but acceptable and locally sourced.	\$ (3,600.00)
3	Change Settling Lagoon Air Header from DIP to HDPE	Due to delivery time concerns with the ductile iron pipe specified, BRB submitted HDPE air header pipe as an alternate for a	\$ (4,238.00)
4	Increase size of Manhole #2 from 48" to 60"	The manhole supplier suggested increasing the size of manhole due to size of pipes entering the manhole.	\$ 1,800.00
5	Add Grout in Flow Splitting Chamber and Wet Well	The grout will make the chambers easier to clean in the future. It was not shown on the plans, but is recommended.	\$ 5,472.24
6	Add Lift Station Stilling Well	The Stilling Well is for the Radar level sensor. The radar level sensor controls the pump running times and speed based on water level in the wet well. The stilling well will even out flow level should waves or foaming occur in the wet well.	\$ 4,636.50
7	Flow Elevation Adjustments	The weir elevations in the flow splitting chamber were set too high and needed to be adjusted. This was identified after they were installed. Rework was required and Shive-Hattery plans to reimburse the city for this cost.	\$ 5,470.00
			\$ 5,785.74

SECTION 00 6325

SUBSTITUTION REQUEST FORM - DURING CONSTRUCTION

TO: Shive-Hattery, Inc., Tami L. Wilcox PE

PROJECT: Earlham Lagoons Upgrades

OWNER: City of Earlham

A/E: Shive-Hattery, Inc.

BID DATE: _____

We hereby submit for your consideration the following product instead of the specified item for the above project:

DRAWING NO.: _____ DRAWING NAME: _____

SPEC SECT. SPEC NAME PARAGRAPH SPECIFIED ITEM

07 6200 Sheet Metal _____

Proposed Substitution: Rollex Aluminum

Attach complete information on changes to Drawings and/or Specifications which proposed substitution will require for its proper installation.

Submit, with request, all necessary samples and substantiating data to prove equal quality and performance to that which is specified. Clearly mark manufacturer's literature to indicate equality in performance.

~~CERTIFICATION OF EQUAL PERFORMANCE AND ASSUMPTION OF LIABILITY FOR EQUAL PERFORMANCE~~

~~The undersigned states that the function, appearance and quality are equivalent or superior to the specified item.~~

Submitted by:

Signature: _____ Title: Manager

Firm: Blue Ribbon Builders

Address: PO Box 486 Earlham, IA

Telephone: 515-290-3023 Date: 8-21-2023

Signature shall be by person having authority to legally bind the firm to the above terms.

Failure to provide legally binding signature will result in retraction of approval.

FOR USE BY Architect/Engineer:

__ Accepted __ Accepted as Noted __ Not Accepted __ Received Too Late

Date: _____

FILL IN BLANKS BELOW

Does the substitution affect dimensions shown on Drawings? Yes No

SECTION 00 6325

SUBSTITUTION REQUEST FORM - DURING CONSTRUCTION

TO: Blue Ribbon Builders

PROJECT: Earham Lagoons Upgrades

OWNER: City of Earham

A/E: Shive-Hattery, Inc.

BID DATE: 6/30/22

We hereby submit for your consideration the following product instead of the specified item for the above project:

DRAWING NO.: C301, D004 DRAWING NAME: Utility Plan, Details

SPEC SECT.	SPEC NAME	PARAGRAPH	SPECIFIED ITEM
<u>40.500</u>	<u>Common Work Results for</u>	<u>2. System</u>	<u>3). Pipe Size 4 in.</u>
Proposed Substitution: <u>Process Components</u>			

HDPE in place of Ductal Iron

Attach complete information on changes to Drawings and/or Specifications which proposed substitution will require for its proper installation.

Submit, with request, all necessary samples and substantiating data to prove equal quality and performance to that which is specified. Clearly mark manufacturer's literature to indicate equality in performance.

CERTIFICATION OF EQUAL PERFORMANCE AND ASSUMPTION OF LIABILITY FOR EQUAL PERFORMANCE

The undersigned states that the function, appearance and quality are equivalent or superior to the specified item.

Submitted by: _____

Signature: [Signature]

Title: owner

Firm: Thorne Contracting, LLC

Address: PO Box 220 Adel, IA 50003

Telephone: 515 - 289 - 2345 Date: 2/21/23

Signature shall be by person having authority to legally bind the firm to the above terms.

Failure to provide legally binding signature will result in retraction of approval.

FOR USE BY Architect/Engineer:

Accepted Accepted as Noted Not Accepted Received Too Late

Date: _____

FILL IN BLANKS BELOW

Does the substitution affect dimensions shown on Drawings? Yes No

If Yes, clearly indicate changes:

Will the undersigned pay for changes to the building design, including engineering and detailing costs caused by the requested substitution? Yes No

If No, fully explain:

No design needed.

What effect does substitution have on other Contracts or other trades?

None

What effect does substitution have on construction schedule?

Spec'd pipe was 40 week lead time. Alternate is in stock and ready for shipment.

Manufacturer's warranties of the proposed and specified items are:

_____ Same _____ Different

(Explain on Attachment)

Reason for Request:

Product availability

Itemized comparison of specified item(s) with the proposed substitution. List significant variations:

HOPE vers Ductal Iron Pipe

Accurate cost data comparing proposed substitution with product specified:

Deduct \$4,238⁰²

Designation of maintenance services and sources:

None

(ATTACH ADDITIONAL SHEETS IF REQUIRED)

END OF SECTION



Submittal

The following has been reviewed for conformance. Our notes are in green.

DATE: 12 / 9 / 2022

TO: Shive-Hattery, Inc., Tami L. Wilcox PE

JOB: Earlham Lagoons Upgrades #3201860

Specification / Submittal No.:

Description: Sanitary Manholes 2

CONTAINS:

- Product Data
- Drawings
- Samples
- Other _____

Contractor Remarks:

SA2 submitted as both 48" and 60". If upgrade to 60" is elected subcontractor's additional charge is \$1,800.

Engineer may elect for a sump-style base in order to allow for the gate frame to be free from the base casting. If elected, please specify elevation of the top of the base. Subcontractor recommends 8" to 12" below pipe invert. A preliminary drawing of the sluice gates has been included for reference.

SHIVEHATTERY ARCHITECTURE+ENGINEERING	
Submittal Review	
Project Name:	Earlham Lagoon Upgrades
Submittal ID:	33 3000-001r01
Spec Section:	33 3000
Reviewed On:	12/23/2022
Reviewed By:	Tami Wilcox
Action:	Furnish as Corrected
<small>THIS REVIEW IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. CORRECTIONS OR COMMENTS MADE ON THE SUBMITTALS DURING THIS REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE REQUIREMENTS OF THE PLANS AND THE SPECIFICATIONS. APPROVAL OF A SPECIFIC ITEM SHALL NOT INCLUDE APPROVAL OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS TO BE CONFIRMED AND CORRELATED AT THE JOBSITE; INFORMATION THAT PERTAINS SOLELY TO THE FABRICATION PROCESS OR TO THE MEANS, METHODS, TECHNIQUE, SEQUENCES, AND PROCEDURES OF CONSTRUCTION; COORDINATION OF THE WORK OF ALL TRADES; AND FOR PERFORMING ALL WORK IN A SAFE AND SATISFACTORY MANNER.</small>	

Respectfully Submitted,

Isaac Tessmer

Blue Ribbon Builders

