



## Board of Aldermen Request for Action

**MEETING DATE:** 2/7/2023

**DEPARTMENT:** Public Works

**AGENDA ITEM:** Resolution 1180, approving Change Order No. 6 at Smith Fork Pump Station

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**REQUESTED BOARD ACTION:**

A motion to approve Resolution 1180, approving Change Order No. 6 with Irvinbilt Constructors in the amount of \$4,500.90 for additional electrical work at the Smith Fork Wastewater Pump Station.

**SUMMARY:** During construction of the Smith Fork Wastewater Pump Station, Platte Clay Electric required the new transformer and meter location be changed from the design drawings. This change increased the wiring and conduit that Irvinbuilt had to install.

Included in the contract was a \$120,000 construction allowance which has been expended through Change Orders 1 – 5:

Change Order #1-	\$11,663 – Generator price increase
Change Order #2 -	\$98,857 – Dewatering at Smith Fork
Change Order #3 -	\$487 – upsizing breaker for copper ion generator
Change Order #4 -	\$2,419- Granular backfill between building and fence
Change Order #5 -	\$7,742- Additional gate for Platte Clay Elec
Change Order #6 -	<u>\$4,500</u> – additional electric due to Platte Clay relocation of transformer
Total	\$125,668

**PREVIOUS ACTION:** June 15, 2021 Board approved Resolution 926 awarding the contract to Irvinbuilt Constructors

**POLICY ISSUE:**

Growth and Infrastructure

**FINANCIAL CONSIDERATIONS:**

The project is part of the CIP in the CWWF Fund. The \$4,500.90 overage is available within the Utilities operation budget.

**ATTACHMENTS:**

- |  |                                   |
|--|-----------------------------------|
| <input type="checkbox"/> Ordinance                         | <input type="checkbox"/> Contract |
| <input checked="" type="checkbox"/> Resolution             | <input type="checkbox"/> Plans    |
| <input type="checkbox"/> Staff Report                      | <input type="checkbox"/> Minutes  |
| <input checked="" type="checkbox"/> Other: Change Order #6 |                                   |

## **RESOLUTION 1180**

### **A RESOLUTION APPROVING CHANGE ORDER NO. 6 WITH IRVINBILT CONSTRUCTORS IN THE AMOUNT OF \$4,500.90 FOR ADDITIONAL ELECTRICAL WORK AT SMITH FORK WASTEWATER PUMP STATION**

**WHEREAS**, the City hired Irvinbuilt Constructors to complete construction of the Smith Fork Wastewater pump Station; and

**WHEREAS**, additional electrical work was necessary as a result of Platte Clay Electric required transformer location; and

**WHEREAS**, the additional cost was \$5,377.00, the net increase over the approved construction allowance / force account, Change Order No. 6, is \$4,500.90.

### **NOW THEREFORE BE IT RESOLVED BY THE BOARD OF ALDERMEN OF THE CITY OF SMITHVILLE, MISSOURI, AS FOLLOWS:**

**That** Change Order No. 6 in the amount of \$45,00.90 is approved.

**PASSED AND ADOPTED** by the Board of Aldermen and **APPROVED** by the Mayor of the City of Smithville, Missouri, the 7<sup>th</sup> day of February, 2023.

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Damien Boley, Mayor

ATTEST:

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Linda Drummond, City Clerk

Date of Issuance:	Effective Date:
Owner: <b>City of Smithville, Missouri</b>	Owner's Contract No.: <b>RFP #21-15</b>
Contractor: <b>Irvinbilt Constructors, Inc.</b>	Contractor's Project No.:
Engineer: <b>HDR Engineering, Inc.</b>	Engineer's Project No.: <b>10208674</b>
Project: <b>Raw Water Pump Station, Valve Vault and Zebra Mussel Control</b>	Contract Name: <b>Authorization 89</b>

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

Description: During construction of the Smith Fork Wastewater Pump Station, Platte Clay Electric required the transformer and Meter location to be changed from where it was shown on the design drawings at the new pump station to closer to the old pump station. This change reduced the amount of wire and conduit Platte Clay would install and increased the amount Irvinbilt would have to install, and required an additional disconnect. The cost for this change is \$5,377.00. See break down attached.

This change along with Change Orders 1-5 is above the \$120,000.00 Allowance in Bid Form Item No. 10 by \$4,500.90 and increases the total contract amount as indicated below.

This Change Order will also increase the Substantial and Final Completion Dates, as indicated below, due to cold weather preventing concrete pours, potential for freezing by pass pumps and temporary water supply pipe, and work by the Corps of Engineers at the spillway that is preventing access to the valve vault. This change was requested by both the City and the Contractor to delay the work until warmer weather.

Attachments: Change Order Request from Irvinbilt

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
Original Contract Price:  \$ <u>2,983,795.00</u>	Original Contract Times: Substantial Completion: <u>August 2, 2022</u> Ready for Final Payment: <u>October 1, 2022</u>
<del>[Increase]</del> <del>[Decrease]</del> No Change from previously approved Change Orders No. <u>1</u> to No. <u>5</u> :  \$ <u>None</u>	Increase <del>[Decrease]</del> from previously Approved Change Order No. <u>5</u> : Substantial Completion: <u>December 22, 2022</u> Ready for Final Payment: <u>March 24, 2023</u>
Contract Price prior to this Change Order:  \$ <u>2,983,795.00</u>	Approved Contract Times prior to this Change Order: Substantial Completion: <u>December 22, 2022</u> Ready for Final Payment: <u>March 24, 2023</u> days or dates
Increase of this Change Order <i>is to the Total Contract</i> :  \$ <u>4,500.90</u>	Increase of this Change Order: Substantial Completion Date: <u>May 1, 2023</u> Ready for Final Payment: <u>June 15, 2023</u>
Contract Price incorporating this Change Order:  \$ <u>2,988,295.90</u>	Contract Times with all approved Change Orders: Substantial Completion Date: <u>May 1, 2023</u> Ready for Final Payment: <u>June 15, 2023</u>

RECOMMENDED:		ACCEPTED:	
By: <u>[Signature]</u>	By: _____	By: <u>[Signature]</u>	By: _____
Engineer (if required)	Owner (Authorized Signature)	Contractor (Authorized Signature)	
Title: <u>Project Manager</u>	Title: _____	Title: <u>President</u>	
Date: <u>01-09-23</u>	Date: _____	Date: <u>1/9/2023</u>	



September 9, 2022

Mr. Kent Newport, P.E.  
HDR Engineering  
10450 Holmes Road, Suite 600  
Kansas City, MO 64131

Re: Raw Water Pump Station, Valve Vault, & Zebra Mussel Control  
Smithville, MO

Mr. Newport,

The following is our change order request for the additional work to relocate the meter at the sewage lift station per Platte Clay Electric at the referenced project:

Missouri Electric:	\$5,121
Overhead & Profit (5%):	<u>\$256</u>
Total:	\$5,377

Please review this proposal and if acceptable include this amount on a future change order

Sincerely,

**IRVINBILT CONSTRUCTORS, INC.**



Joe Garrison,  
President

Cc; File  
Brad Zahner

Enclosure

Joe Garrison, P.E.  
PRESIDENT

Wayne Cunningham  
VICE PRESIDENT

# Missouri Electric, Inc.

1109 Frederick Avenue

St. Joseph, MO 64501

Tel: (816) 279-1056 Fax: (816) 279-4309

Email: missourielectric@sbcglobal.net

## \*\*\*CHANGE ORDER\*\*\*

September 7, 2022

**TO:** Irvinbilt Constructors  
P. O. Box 1107  
Chillicothe, MO 64601

**Ref:** Raw Water Pump Station, Smithville, MO  
Relocate meter per Platte-Clay Electric at Sewage Lift Station

### Description:

Following are the changes required as requested:

<b>ADD:</b>	<b>Cost</b>	<b>Hours</b>
100 Amp NEMA 4X Non-fused Disconnect	\$619.16	4
180' - 1-1/2" PVC	\$522.40	14.5
720' - #4 THHN	\$883.82	9
180' - #10 THHN	<u>\$50.31</u>	<u>1.5</u>
	\$2,075.69	29

**Material:** \$2,075.69

**Labor:** \$2,378.00 ( 29 Hours @ \$ 82.00/hr)

**Sub Total:** \$4,453.69

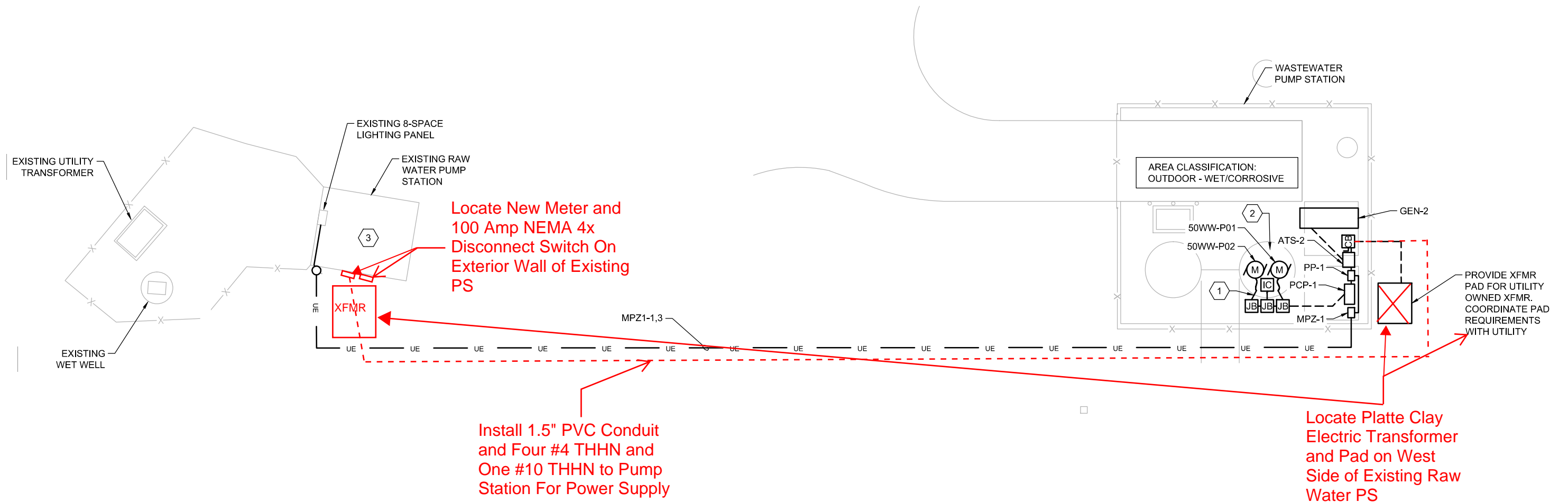
**15% Mark up:** \$668.05

**TOTAL:** \$5,121.74

Prepared by: Tom R. Nelson, President

Date: September 7, 2022

## Change Order NO. 6 Electrical Changes To Satisfy Platte Clay Electric Requested Transformer Location



Note: New Wastewater Pump Station Site Was Relocated 30 Feet West of Location Shown Due to Location of Water Line

N ←

Not To Scale