

RESOLUTION NO. R19-17

RESOLUTION APPROVING CHANGE ORDER NO.2 TO THE CONTRACT FOR THE CITY OF LAUREL'S WWTP SLUDGE DEWATERING FACILITIES AND AUTHORIZING THE MAYOR TO SIGN ALL CHANGE ORDER DOCUMENTS ON THE CITY'S BEHALF.

WHEREAS, the City of Laurel planned and publicly advertised the project known as the WWTP Sludge Dewatering Facilities Project, and the City awarded the project to Strategic Construction Solutions; and

WHEREAS, City Staff requested additional work on the project as detailed in the attached Change Order Documents and the additional work increased the charges and time required by the contract; and

WHEREAS, the City's Engineers, KLJ, prepared the attached Change Order No. 2 and has determined the additional work requires an extension of the contract term and cost which are both necessary, reasonable, and in the City's best interest.

NOW, THEREFORE, BE IT RESOLVED, the City Council hereby approves the attached Change Order No. 2 and authorizes the Mayor to execute it and all necessary documents on the City's behalf.

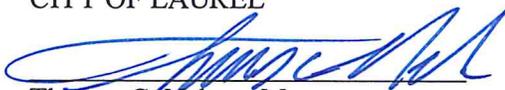
BE IT FUTHER RESOLVED the City Council authorizes both the increased cost and term of the contract as detailed and provided in the attached Change Order No.2.

Introduced at a regular meeting of the City Council on May 21, 2019, by Council Member Mountsier.

PASSED and APPROVED by the City Council of the City of Laurel this 21st day of May 2019

APPROVED by the Mayor this 21st day of May 2019.

CITY OF LAUREL


Thomas C. Nelson, Mayor

ATTEST:



Bethany Langve, Clerk-Treasurer, Clerk-Treasurer

Approved as to form:



Sam Painter, Civil City Attorney

April 29, 2019

Tim Reiter
Utility Plants Superintendent
City of Laurel
PO Box 10
Laurel, MT 59044

Re: WWTP Sludge Dewatering Facilities Change Order 2 – Recommendation & Reconciliation

Dear Tim:

KLJ has reviewed the information submitted by the Contractor for the additional repair Work in Digester B as per Work Change Directive #1. It is KLJ's recommendation that the City move forward with Change Order 2 (attached) for the WWTP Sludge Dewatering Facilities project. Our records show a date range from February 27th (Inspection) to March 31st (completed) for the additional work in Digester B. Therefore, we recommend that 32 days be added to the Contract Time for both the Dewatering and Contract portion of the project. The effects of this Change Order on the project are as follows:

- **Contract Price Changes**
 - Original Contract Price - \$1,575,000.00
 - Contract Price after Change Order 1 - \$ 1,601,173.00
 - Increase to Contract Price from Change Order 2 - \$11,758.11
 - Final Contract Price - \$ 1,612,931.15
- **Contract Time Changes (Contract)**
 - Original Contract Time to Substantial Completion – 150 days
 - Increase to Contract Time to Substantial Completion – 32 days
 - Final Contract Time to Substantial Completion – 182 days
- **Contract Time Changes (Dewatering)**
 - Original Contract Dewatering Time – 45 days
 - Increase to Dewatering Time after Change Order 1 – 54 days
 - Increase to Dewatering Time from Change Order 2 – 32 days
 - Final Contract Dewatering Time –86 days

Please review the attached Change Order 2 for the WWTP Sludge Dewatering Facilities project. Feel free to contact us if you have any questions.

Sincerely,

KLJ



Douglas C. Whitney, PE
Project Engineer

Enclosure(s): Change Order 2 & Attachments
Project #: 1804-00120
cc: Terry Sutherland, File

Change Order

No. 2

Date of Issuance: April 29, 2019

Effective Date: _____

Project: WWTP Sludge Dewatering Facilities	Owner: City of Laurel	Owner's Contract No.: N/A
Contract: Base Bid Lump Sum Price		Date of Contract: 11/16/2018
Contractor: Strategic Construction Solutions		Engineer's Project No.: 1804-00120

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

Description:
This Change Order is for approved additional repair Work in Digester B. Description of Work included can be found in Work Change Directive 1 and corresponding attachments. As part of this Change Order an additional 32 days will be added to the allocated time for dewatering and overall Contract Time.

Attachments (list documents supporting change):

Work Change Directive 1 & corresponding attachments-3/13/19 (4 Pages), SCS Proposed Change Order Package & Corresponding Attachments Excluding Work Change Directive 1 which is already attached and Daily Logs-available upon request (2 pages).

CHANGE IN CONTRACT PRICE:

Original Contract Price:
\$ 1,575,000.00

Increase from previously approved Change Orders No. 0 to No. 1:
\$ 26,173.04

Contract Price prior to this Change Order:
\$ 1,601,173.00

Increase of this Change Order:
\$ 11,758.11

Contract Price incorporating this Change Order:
\$ 1,612,931.15

CHANGE IN CONTRACT TIMES:

Original Contract Times: Working days Calendar days
Substantial (Dewatering) completion (days): 150 (45)
Ready for final payment (days): 30 (N/A)

Increase from previously approved Change Orders No. 0 to No. 1:
Substantial (Dewatering) completion (days): 0 (9)
Ready for final payment (days): 0 (N/A)

Contract Times prior to this Change Order:
Substantial (Dewatering) completion (days): 150 (54)
Ready for final payment (days): 30 (N/A)

Increase of this Change Order:
Substantial (Dewatering) completion (days): 32 (32)
Ready for final payment (days): 0 (N/A)

Contract Times with all approved Change Orders:
Substantial (Dewatering) completion (days): 182 (86)
Ready for final payment (days): 30 (N/A)

RECOMMENDED:

By: [Signature]
Engineer (Authorized Signature)

Date: 4/29/19

ACCEPTED:

By: [Signature]
Owner (Authorized Signature)

Date: 5/21/2019

ACCEPTED:

By: [Signature]
Contractor (Authorized Signature)

Date: 4-29-19

Work Change Directive

No. 1

Date of Issuance: 3/13/19 Effective Date: 1/18/19

Project: WWTP Sludge Dewatering Facility	Owner: Laurel, MT	Owner's Contract No.: N/A
Contract: WWTP Sludge Dewatering Facilities		Date of Contract: 11/16/18 (Effective Date)
Contractor: Strategic Construction Solutions		Engineer's Project No.: 1804-00120

Contractor is directed to proceed promptly with the following change(s):

Item No.	Description
1	Items #1, 2 and 3 from the KLJ email dated 3/1/19. (Note*)
Note *	Additional Work may be required as directed by Engineer. Re-coating will not be required. Payment will be on actual time and materials plus Contractor's Fee as allowed by the Contract Documents. Additional contract Time will be added to the digester dewatering and cleaning portion of the Agreement.

Attachments (list documents supporting change):

KLJ email of 3/1/19

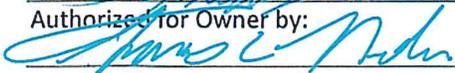
Purpose for Work Change Directive:

Authorization for Work described herein to proceed on the basis of Cost of the Work due to:

- Non-agreement on pricing of proposed change.
- Necessity to expedite Work described herein prior to agreeing to changes on Contract Price and Contract Time.

Estimated change in Contract Price and Contract Times:

Contract Price \$7,833.00 (increase/decrease) Contract Time 24 (increase/decrease)

Recommended for Approval by Engineer:	Date: <u>3/13/19</u>
Authorized for Owner by: 	Date: <u>3/13/19</u>
Received for Contractor by:	Date:
Received by Funding Agency (if applicable): N/A	Date:

Doug Whitney

From: Doug Whitney
Sent: Friday, March 01, 2019 2:14 PM
To: 'Terry Sutherland'
Subject: Laurel WWTP - Repair Work

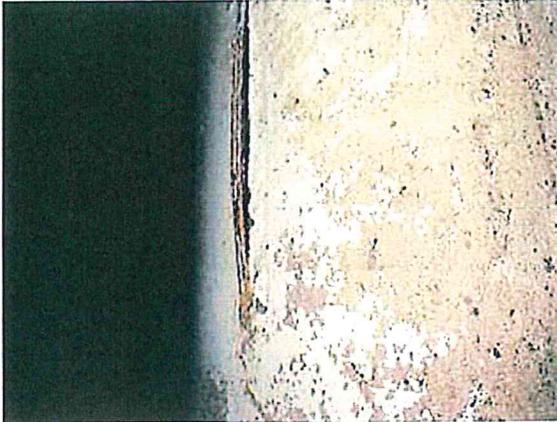
Terry,
The City requests a budgetary estimate for the following repair work on Digester B prior to returning it into service.
Please provide budgetary cost and additional days.
Please get back to us asap so we can decide how to proceed.

Thanks,
Doug

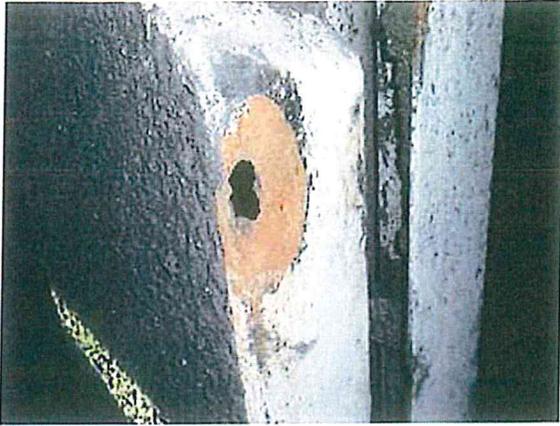
1. Weld repair on the dome exterior and piping under the PRV isolation valve.



2. Weld repair the split in the outer water jacket of the heat exchanger.



3. Weld patch over hole in the Methane Box.

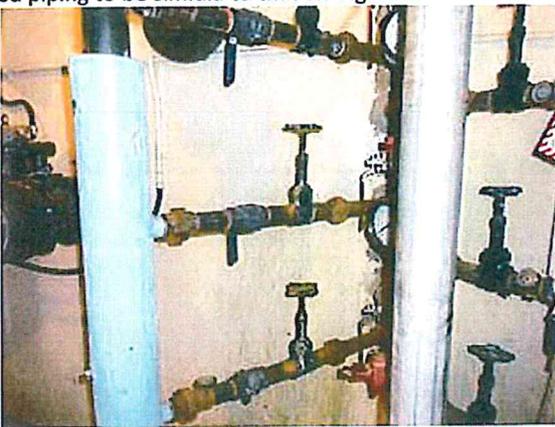


4. Clean and repair six bracket points on the heat exchanger.

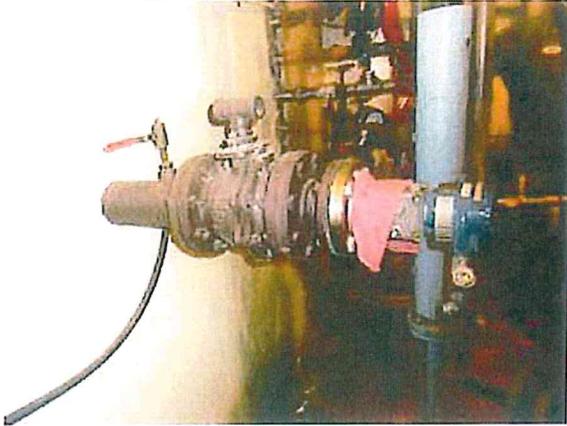


Five to be sand blasted and re-coated.
One to receive welding to repair leak and re-coated.

5. Replace six sections of 1.5-inch piping in the digester pipe gallery with stainless steel piping. Replace two unions, one ball valve, one gate valve and one 45-degree bend on each segment. Completed piping to be simiula to that on Digester A.



6. Remove valve, grout inside of 4-inch pipe and cap pipe.



All welded is to be cleaned and re-coated.

Doug Whitney PE



406-247-2913 Direct
406-861-7853 Cell
2611 Gabel Road
Billings, MT 59102-7329
kljeng.com



PCCO #001

SCS
4700 E Southern Ave
Mesa, Arizona 85206
Phone: (480) 586-2400

Project: SCS18002715 - SCS - Laurel WWTP Sludge Dewatering
Facilities
1599 Sewer Plant Rd.
Laurel, Montana 59044

Prime Contract Change Order #001: CE #04 - Secondary digester repairs

TO:	KLJ 2611 Gabel Rd. Billings, Montana 59102	FROM:	Strategic Construction Solutions 4700 E. Southern Ave Mesa, Arizona 85206
DATE CREATED:	4/10/2019	CREATED BY:	Terry Sutherland (SCS)
CONTRACT STATUS:	Pending - In Review	REVISION:	0
DESIGNATED REVIEWER:		REVIEWED BY:	
DUE DATE:		REVIEW DATE:	
INVOICED DATE:		PAID DATE:	
SCHEDULE IMPACT:	24 days	EXECUTED:	No
CONTRACT FOR:	1:SCS - Laurel WWTP Sludge Dewatering Facilities Prime Contract	TOTAL AMOUNT:	\$11,758.11

DESCRIPTION:

CE #04 - Secondary digester repairs

1. Weld repair on the dome exterior piping under the prv.
2. Weld repair the split in the outer water jacket of heat exchanger.
3. Weld patch over hole in methane box.

ATTACHMENTS:

[2019-03-29.pdf](#) [2019-03-28.pdf](#) [2019-03-27.pdf](#) [Work Change Directive 1.pdf](#) [2019-03-21.pdf](#) [2019-03-22.pdf](#) [2019-03-19.pdf](#) [2019-03-18.pdf](#) [2019-03-20.pdf](#)

POTENTIAL CHANGE ORDERS IN THIS CHANGE ORDER:

PCO #	Title	Schedule Impact	Amount
003	CE #04 - Secondary digester repairs		\$11,758.11
Total:			\$11,758.11

CHANGE ORDER LINE ITEMS:

PCO # 003 : CE #04 - Secondary digester repairs

#	SubJob	Cost Code	Description	Type	Amount
1	N/A	000-000.2 - Change Order 2	Labor	Labor	\$6,746.41
2	N/A	000-000.2 - Change Order 2	Welder, small tools & trucks	Equipment	\$3,100.00
3	N/A	000-000.2 - Change Order 2	Materials	Materials	\$127.24
4	N/A	000-000.2 - Change Order 2	15% profit & overhead	Other	\$1,496.05
5	N/A	000-000.2 - Change Order 2	Bonds	Other	\$172.00
6	N/A		1% GRT	Other	\$116.41
Subtotal:					\$11,758.11
Grand Total:					\$11,758.11

The original (Contract Sum) \$1,575,000.00
 Net change by previously authorized Change Orders \$0.00
 The contract sum prior to this Change Order was \$1,575,000.00
 The contract sum would be changed by this Change Order in the amount of \$11,758.11
 The new contract sum including this Change Order will be \$1,586,758.11
 The contract time will be increased by this Change Order by 24 days.

