

RESOLUTION NO. R14-15

**A RESOLUTION AUTHORIZING THE MAYOR TO SIGN
CHANGE ORDER NO. 1 WITH WILLIAMS BROTHERS CONSTRUCTION
FOR THE WASTEWATER TREATMENT PLANT PROJECT
IN THE AMOUNT OF (\$4,528.85).**

WHEREAS, the City Council of the City of Laurel previously authorized the Mayor to approve a contract with Williams Brothers Construction for the Wastewater Treatment Plant Upgrade Project through Resolution No. R13-38 on June 18, 2013; and

WHEREAS, the original contract price was \$6,369,000.00 to complete the project; and

WHEREAS, Williams Brothers Construction prepared the attached Change Order No. 1 to reconcile changes in the amounts of materials and labor utilized for the project and determined that the cost to the City should be reduced \$4,528.85; and

WHEREAS, Great West Engineering and City Staff reviewed Change Order No. 1 and determined that it was correct, reasonable and necessary to complete the project and recommend the Council's approval of the same.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Laurel, Montana, that the Mayor is authorized to sign Change Order No. 1, a copy of which is attached, to reduce the contract amount by \$4,528.85 for a total contract price of \$6,364,471.15.

Introduced at a regular meeting of the City Council on April 1, 2014, by Council Member
Mountsier.

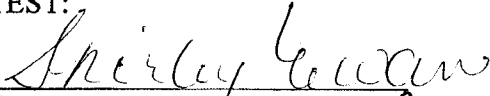
PASSED and APPROVED by the City Council of the City of Laurel this 1st day of April, 2014.

APPROVED by the Mayor this 1st day of April, 2014.

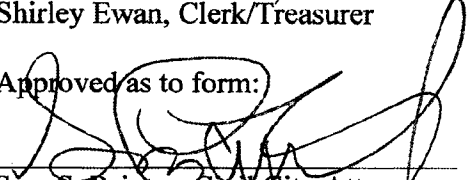
CITY OF LAUREL


Mark A. Mace, Mayor

ATTEST:


Shirley Ewan, Clerk/Treasurer

Approved as to form:


Sam S. Painter, Civil City Attorney

Change Order

No. 1

Date of Issuance: March 5, 2014 Effective Date: _____

Project: WWTP Improvements – BNR Upgrade	Owner: City of Laurel, MT
Contract:	Date of Contract: July 7, 2013
Contractor: Williams Brother Construction LLC	Engineer's Project No.: 2-07128, TO 16

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

See attached summary of changes to work.

Attachments (list documents supporting change):

Summary of changes to work and cost estimates for each change.

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price: \$ <u>6,369,000.00</u>	Original Contract Times: <input type="checkbox"/> Working days <input checked="" type="checkbox"/> Calendar days Substantial completion (days): <u>450 days</u> Ready for final payment (days): <u>90 days</u>
Increase from previously approved Change Orders No. _____ to No. _____: \$ <u>NA</u>	Increase from previously approved Change Orders No. _____ to No. _____: Substantial completion (days): <u>NA</u> Ready for final payment (days): <u>NA</u>
Contract Price prior to this Change Order: \$ <u>6,369,000.00</u>	Contract Times prior to this Change Order: Substantial completion (days): <u>450 days</u> Ready for final payment (days): <u>90 days</u>
Increase of this Change Order: \$ <u>(4,528.85)</u>	Increase of this Change Order: Substantial completion (days or date): <u>0</u> Ready for final payment (days or date): <u>0</u>
Contract Price incorporating this Change Order: \$ <u>6,364,471.15</u>	Contract Times with all approved Change Orders: Substantial completion (days): <u>450 days</u> Ready for final payment (days): <u>90 days</u>

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: <u>[Signature]</u> Engineer (Authorized Signature)	By: <u>[Signature]</u> Owner (Authorized Signature)	By: <u>[Signature]</u> Contractor (Authorized Signature)
Date: <u>03/05/14</u>	Date: <u>4/1/2014</u>	Date: <u>3-13-14</u>
Approved by Funding Agency (if applicable): _____		Date: _____

CHANGE ORDER No. 1 SUMMARY

Change to Work		Change to Contract Cost
1-A	Pumps P-4101, P-4102, and P-4103 (Sheet P-13) need to be equipped with 15 HP VFDs instead of 5 HP VFDs (Sheet E-29).	\$ 4,665.38
1-B	Hand valves HV-4118, HV-4119, HV-4001, HV-4002, HV-4003, and HV-4004 need power to operate solenoid valves and limit switches.	\$ 4,825.74
1-C	The Contractor has proposed relocating the new switchgear and CT Panel.	\$ (7,546.11)
1-D	The Owner requested the composite sampler on the plant effluent line be relocated inside the UV building. The Contractor agreed to perform the work at no additional cost.	\$ -
1-E	The generator pad has been resized based upon submittals of the actual generator being supplied.	\$ (8,295.07)
1-F	The Owner has requested the generator pad be moved to the west, adjacent to the parking lot, and bollards added.	\$ 1,821.21
Subtotal: Change Order 1		\$ (4,528.88)
Total Change Orders		\$ (4,528.88)

LAUREL WWTP
Power for HV Valves

BWC
Date: 11-8-13

Materials

Description	Unit	Quantity	Cost (NWP)
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Labor

Description	Unit	Quantity	Cost
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Equipment

Description	Unit	Quantity	Cost
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Sub- Contractors

Description	Unit	Quantity	Cost
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CEI		\$3,987.50	LS	1	\$3,987.50
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Subtotal					\$3,987.50
Markup					\$677.88
TOTAL					<u>\$4,665.38</u>

CEI ELECTRICAL CONTRACTORS

6131 Homestead Blvd
PO Box 1934
Colstrip, MT 59323
TEL: (406) 748-4048
FAX: (406) 748-3135
cei@cei-online.com
www.cei-online.com

2675 Overland Ave.
Billings, MT 59102
TEL: (406) 656-4365
FAX: (406) 656-4534

2401 S. Greely Hwy
Cheyenne, WY 82003
TEL: (307) 426-4258
FAX: (307) 426-4259

4105 S. Broadway
Minot, ND 58701
TEL: (701) 500-1007
FAX: (406) 748-3135

November 4, 2013

Williams Bros Construction, LLC

RE: PCO-003 Increase VFD and Breaker Sizes for P-4101, P-4102 and P-4103

Attn: Barry Curtis

CEI would like to submit the following proposal for the aforementioned changes at the Laurel WWTP BNR Upgrades project located in Laurel, MT.

Quote:

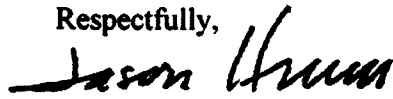
\$ 3,987.50

Notes:

- 1) GRT is not included, add 1% to be included.
- 2) Any concrete demo/restoration by others.
- 3) Any required concrete pads, housekeeping pads and foundations by others.
- 4) Any asphalt demo/restoration by others.
- 5) Any seeding, sodding and landscaping demo/restoration by others.

If you have any further questions please call me at 406-656-4365.

Respectfully,



Jason Krum
Project Manager

LAUREL WWTP
 Power for HV Valves

BWC
 Date: 11-8-13

Materials

Description	Unit	Quantity	Cost (NWP)
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Labor

Description	Unit	Quantity	Cost
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Equipment

Description	Unit	Quantity	Cost
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Sub- Contractors

Description	Unit	Quantity	Cost
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CEI		\$4,124.56	LS	1	\$4,124.56
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Subtotal					\$4,124.56
Markup					\$701.18
TOTAL					<u>\$4,825.74</u>

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November 8, 2013

Williams Bros Construction, LLC

RE: PCO-004 Provide 120 volts to 6 new hand actuated valves in Blower Building

Attn: Barry Curtis

CEI would like to submit the following proposal for the aforementioned changes at the Laurel WWTP BNR Upgrades project located in Laurel, MT.

Quote:

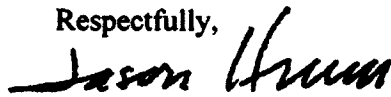
\$ 4,124.56

Notes:

- 1) GRT is not included, add 1% to be included.
- 2) Any concrete demo/restoration by others.
- 3) Any required concrete pads, housekeeping pads and foundations by others.
- 4) Any asphalt demo/restoration by others.
- 5) Any seeding, sodding and landscaping demo/restoration by others.

If you have any further questions please call me at 406-656-4365.

Respectfully,



Jason Krum
Project Manager

LAUREL WWTP
Move Electrical Service

BWC
 Date: 10-22-13

Materials

Description		Unit	Quantity	Cost (NWP)
Concrete	\$86.00	Yd	5	\$430.00
Drain Rock	\$8.95	Yd	5	\$44.75
Dump fee	\$25.00	ea	2	\$50.00
Bollard	\$235.00	ea	2	\$470.00

Labor

Description		Unit	Quantity	Cost
Sawcut Existing Sidewalk & Asphalt	\$34.46	Laborer	4	\$137.84
Remove Concrete & Asphalt	\$41.47	Operator	4	\$165.88
Form, Place, & Finish Sidewalk	\$43.32	Carpenter	4	\$173.28
Dig & Set Bollards	\$34.46	Laborer	2	\$68.92

Equipment

Description		Unit	Quantity	Cost
PC50 Komatsu Excavator	\$22.83	Hr.	2	\$45.66
Plate Compactor	\$15.00	Hr.	2	\$30.00
Skid Steer w/ Auger	\$59.32	Hr.	2	\$118.64
Skid Steer	\$39.32	Hr.	2	\$78.64

Sub-Contractors

Description		Unit	Quantity	Cost
T&L Painting	\$75.00	ea	2	\$150.00
CEI	-\$8,823.71	LS	1	-\$8,823.71

Subtotal				-\$6,860.10
Markup				-\$686.01
TOTAL				-\$7,546.11

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October 31, 2013

Williams Bros Construction, LLC

RE: PCO-001 Relocation of MSG-1

Attn: Barry Curtis

CEI would like to submit the following proposal for the aforementioned changes at the Laurel WWTP BNR Upgrades project located in Laurel, MT.

Quote:

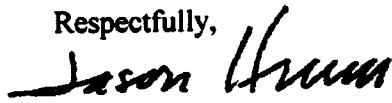
DEDUCT \$ 8,823.71

Notes:

- 1) GRT is *not* included, add 1% to be included.
- 2) Any concrete demo/restoration by others.
- 3) Any required concrete pads, housekeeping pads and foundations by others.
- 4) Any asphalt demo/restoration by others.
- 5) Any seeding, sodding and landscaping demo/restoration by others.

If you have any further questions please call me at 406-656-4365.

Respectfully,



Jason Krum
Project Manager

LAUREL WWTP
Revise Generator Pad

BWC
Date: 10-22-13

Materials

Description		Unit	Quantity	Cost (NWP)
Concrete	\$86.00	LF	50	\$4,300.00
1 1/2" Gravel	\$6.25	Ea.	350	\$2,187.50

Labor

Description		Unit	Quantity	Cost
Deduct Excavate Footings and Walls	\$41.47	Operator	3	\$124.41
Deduct Footing Gravel Installation	\$34.46	Laborer	6	\$206.76
	\$41.47	Operator	3	\$124.41
Form/Pour/Strip Footings and Walls	\$43.32	Carpenter	8	\$346.56
	\$34.46	Laborer	4	\$137.84

Equipment

Description		Unit	Quantity	Cost
PC50 Komatsu Excavator	\$22.83	Hr.	3	\$68.49
Plate Compactor	\$15.00	Hr.	3	\$45.00

Subtotal				\$7,540.97
Markup				\$754.10
TOTAL				\$8,295.07

LAUREL WWTP
Move Generator Pad

BWC
 Date: 10-22-13

Materials

Concrete	\$86.00	Yd	1	\$86.00
Bollards	\$235.00	EA	3	\$705.00
Asphalt Dump Fee	\$25.00	LS	1	\$25.00

Labor

Sawcut Asphalt	\$34.46	Laborer	2	\$68.92
Remove Asphalt	\$41.47	Operator	2	\$82.94
Dig & Set Bollards	\$41.47	Operator	2	\$82.94

Equipment

PC50 Komatsu Excavator	\$22.83	Hr.	1	\$22.83
Skid Steer	\$39.32	Hr.	1	\$39.32
Skid Steer w/ Auger	\$59.32	Hr.	2	\$118.64

Sub- Contractors

Asphalt Plus - patch asphalt	\$5.00	Sq Ft	20	\$100.00
T&L Painting	\$75.00	EA	3	\$225.00
CEI	\$0.00	LS	1	\$0.00

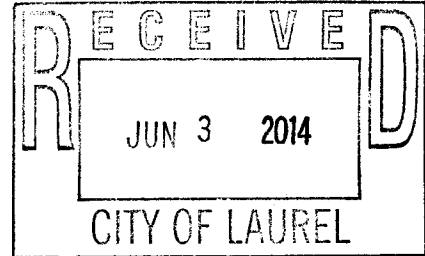
Subtotal				\$1,556.59
Markup				\$264.62
TOTAL				<u>\$1,821.21</u>



**Montana Department of
ENVIRONMENTAL QUALITY**

Steve Bullock, Governor
Tracy Stone-Manning, Director

P. O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • Website: www.deq.mt.gov



May 5, 2014

Honorable Mark Mace, Mayor
City of Laurel
P.O. Box 10
Laurel, MT 59044

Re: City of Laurel, Change Order No. 1 Approval, Biological Nutrient Removal Upgrade and Expansion of the Laurel Wastewater Treatment Plant (WWTP), Phase 2A2, WPCSRF No. C301241

Dear Mayor Mace:

Change Order No. 1 for the above-referenced project has been reviewed. Therefore, by the authority provided in the Montana Water Quality Act and Title VI of the Clean Water Act, the Montana Department of Environmental Quality hereby approves the change order.

The current contract amount has been decreased by \$4,528.85 through this change order to \$6,364,471.15. Of this amount, \$6,364,471.15 remains loan-eligible. The approved substantial completion contract time remains unchanged.

Change Order No. 1 addresses 15 hp VFDs for Pumps P-4101, P-4102, and P-4103; power to six hand valves; relocation of new switchgear and the CT panel; relocation of the automatic effluent sampler; and resizing and relocation of the generator pad.

The enclosed original approved Change Order No. 1 should be kept secure with the other project contract documents for future reference by personnel from this office during inspection activities.

Sincerely,

Michele Marsh, P.E.
Environmental Engineer
Technical & Financial Assistance Bureau

Encl: Approved Change Order No. 1

cc: Chad Hanson, PE, Great West Engineering
Kurt Markegard, Public Works Director, City of Laurel
~~Janice Yearry, DNRC~~ mmm

Change Order

No. 1

Date of Issuance: March 5, 2014 Effective Date: _____

Project: WWTP Improvements – BNR Upgrade	Owner: City of Laurel, MT
Contract:	Date of Contract: July 7, 2013
Contractor: Williams Brother Construction LLC	Engineer's Project No.: 2-07128, TO 16

The Contract Documents are modified as follows upon execution of this Change Order:
See attached summary of changes to work.

Attachments (list documents supporting change):
Summary of changes to work and cost estimates for each change.

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price: \$ <u>6,369,000.00</u>	Original Contract Times: <input type="checkbox"/> Working days <input checked="" type="checkbox"/> Calendar days Substantial completion (days): <u>450 days</u> Ready for final payment (days): <u>90 days</u>
Increase from previously approved Change Orders No. _____ to No. _____: \$ <u>NA</u>	Increase from previously approved Change Orders No. _____ to No. _____: Substantial completion (days): <u>NA</u> Ready for final payment (days): <u>NA</u>
Contract Price prior to this Change Order: \$ <u>6,369,000.00</u>	Contract Times prior to this Change Order: Substantial completion (days): <u>450 days</u> Ready for final payment (days): <u>90 days</u>
Increase of this Change Order: \$ <u>(4,528.85)</u>	Increase of this Change Order: Substantial completion (days or date): <u>0</u> Ready for final payment (days or date): <u>0</u>
Contract Price incorporating this Change Order: \$ <u>6,364,471.15</u>	Contract Times with all approved Change Orders: Substantial completion (days): <u>450 days</u> Ready for final payment (days): <u>90 days</u>

RECOMMENDED: By: [Signature] Engineer (Authorized Signature) Date: 03/05/14

ACCEPTED: By: [Signature] Owner (Authorized Signature) Date: 5/27/14

Approved by Funding Agency (if applicable): _____

Montana Department of Environmental Quality
These plans and specifications have been reviewed and are in compliance with applicable rules and regulations promulgated and administered by the Montana Department of Environmental Quality in accordance with the Montana Clean Water Act. The design engineer and the contractor are responsible for the design and construction of the project. The contractor is responsible for the quality and quantity of work and the performance of the project. The design engineer and the owner are responsible for the design and specifications of the project.