

RESOLUTION NO. R14-89

**A RESOLUTION AUTHORIZING THE MAYOR TO SIGN
CHANGE ORDER NO. 4 WITH WILLIAMS BROTHERS CONSTRUCTION
FOR THE WASTEWATER TREATMENT PLANT PROJECT CONSTITUTING AN
INCREASE OF \$33,445.29 FOR ADDITIONAL WORK.**

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, the City Council previously approved Change Order No. 1 to the contract with Williams Brothers Construction to reduce the cost of the project by \$4,528.85; and

WHEREAS, the City Council previously approved Change Order No. 2 to the contract with Williams Brothers Construction to increase the cost of the project by \$17,264.42.

WHEREAS, the City Council previously approved Change Order No. 3 to the contract with Williams Brothers Construction to increase the cost of the project by \$28,438.35.

WHEREAS, additional work and compensation is required to finish the project as described in the attached Change Order; and

WHEREAS, Great West Engineering and City Staff reviewed Change Order No. 4 and determined that it was correct, reasonable and necessary to complete the project and recommend the Council's approval of the same.

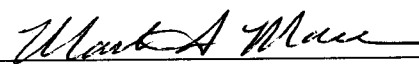
NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Laurel, Montana, that the Mayor is authorized to sign Change Order No. 4 a copy of which is attached, to increase the contract amount by \$33,445.29 for a total contract price of \$6,443,619.21.

Introduced at a regular meeting of the City Council on December 16, 2014, by Council Member Herr.

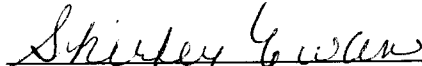
PASSED and APPROVED by the City Council of the City of Laurel this 16th day of December, 2014.

APPROVED by the Mayor this 16th day of December, 2014.

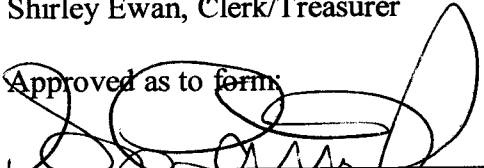
CITY OF LAUREL


Mark A. Mace, Mayor

ATTEST:


Shirley Ewan, Clerk/Treasurer

Approved as to form:


Sam S. Painter, Civil City Attorney

Change Order

No. 4

Date of Issuance: December 8, 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 (date): <u>November 5, 2014</u> Ready for final payment (date): <u>February 3, 2015</u>
Increase from previously approved Change Orders No. <u>1</u> to No. <u>3</u> : \$ <u>41,173.92</u>	Increase from previously approved Change Orders No. <u>1</u> to No. <u>3</u> : Substantial completion (days): <u>47</u> Ready for final payment (days): <u>60</u>
Contract Price prior to this Change Order: \$ <u>6,410,173.92</u>	Contract Times prior to this Change Order: Substantial completion (date): <u>December 22, 2014</u> Ready for final payment (date): <u>May 21, 2015</u>
Increase of this Change Order: \$ <u>33,445.29</u>	Increase of this Change Order: Substantial completion (days): <u>0</u> Ready for final payment (days): <u>0</u>
Contract Price incorporating this Change Order: \$ <u>6,443,619.21</u>	Contract Times with all approved Change Orders: Substantial completion (date): <u>December 22, 2014</u> Ready for final payment (date): <u>May 21, 2015</u>

RECOMMENDED: By: <u>[Signature]</u> Engineer (Authorized Signature) Date: <u>12/08/14</u> Approved by Funding Agency (if applicable): _____	ACCEPTED: By: <u>[Signature]</u> Owner (Authorized Signature) Date: <u>12/10/2014</u>	ACCEPTED: By: <u>[Signature]</u> Contractor (Authorized Signature) Date: <u>12-10-14</u> Date: _____
--	---	---

CHANGE ORDER No. 4 SUMMARY

Change to Work		Change to Contract Cost
4-A	Miscellaneous changes to mechanical plans to meet MDU requirements on gas service lines and to replumb water lines and manifold in Blower Building as requested by City.	\$ 14,316.61
4-B	The City requested two additional, exterior plug valves on the RAS lines outside of the blower building.	\$ 5,537.63
4-C	The City requested two additional, interior plug valves on the sludge suction lines from the secondary clarifiers.	\$ 4,793.19
4-D	During construction, the conduit for power from the blower building to the secondary clarifiers was discovered to be severely corroded and a large section needs to be replaced.	\$ 6,165.36
4-E	Separate, additional circuits are required for the air dryer units on the new compressors in the blower building.	\$ 2,632.50
Subtotal: Change Order 4		\$ 33,445.29
Total Change Orders		\$ 74,619.21

LAUREL WWTP
Misc. Mechanical Changes

BWC
Date: 11-19-14

Gas Line Changes - No Cost
Exterior Water Piping - No cost except valves and core drill

Materials

Description		Unit	Quantity	Cost (NWP)
1" Curb Stop	\$100.74	ea	2	\$201.48
1" Ball Valves	\$23.26	ea	2	\$46.52
Curb Box	\$92.76	ea	2	\$185.52

Labor

Description		Unit	Quantity	Cost
Superitendant	\$45.00	hr	1	\$45.00
Laborer	\$34.46	hr	5	\$172.30
Carpenter	\$43.32	hr	5	\$216.60

Equipment

Description		Unit	Quantity	Cost
-------------	--	------	----------	------

Sub- Contractors

Description		Unit	Quantity	Cost
Stevens Brothers (w/ins.)	\$6,301.00	ls	1	\$6,301.00
Stevens Brothers (w/ins.)	\$5,068.00	ls	1	\$5,068.00

Subtotal				\$12,236.42
Markup				\$2,080.19
TOTAL				<u>\$14,316.61</u>

Stevens Brothers Mechanical

Residential • Commercial • Industrial
Plumbing, Heating, Fire Protection, Electrical
Mechanical Insulation & Piping Professionals

240 Moore Lane
P.O. Box 20224
Billings, MT 59104
Phone: (406) 256-7823 Fax: (406) 245-0487

PROPOSAL

DATE: 11-19-14

TO: WILLIAMS BROTHERS CONST. (ATTN: BARRY)

FROM: Dale Wilkes

PROJECT: LAUREL WWTP

ADDENDUMS: N/A

SECTION: PLUMBING

PRICE: MATERIAL	2,915.00
LABOR	1,736.00
SUB-TOTAL	4,651.00
10 % MARK-UP	465.00
SUB-TOTAL	5,116.00
1 % GRT TAX	52.00
TOTAL	5,168.00

DESCRIPTION: INSTALL WATER ENTRY DET.1-M3 THAT WAS NOT INCLUDED IN BLOWER BUILDING

EXCLUSIONS:

COMMENTS: IF PIPE INSUL. IS REQUIRED ADD 200.00/ DEDUCT 300.00 FOR HEADER THAT WAS DELETED ON MANIFOLD

Stevens Brothers Mechanical

Signature

Name: _____

Title: _____

Date: _____

Signature

Name: Dale Wilkes

This proposal is valid until _____

Stevens Brothers Mechanical

Residential • Commercial • Industrial
Plumbing, Heating, Fire Protection, Electrical
Mechanical Insulation & Piping Professionals

240 Moore Lane
P.O. Box 20224
Billings, MT 59104
Phone: (406) 256-7823 Fax: (406) 245-0487

PROPOSAL

DATE: 11-19-14

TO: WILLIAMS BROTHERS CONST. (ATTN: BARRY)

FROM: Dale Wilkes

PROJECT: LAUREL WWTP

ADDENDUMS: N/A

SECTION: PLUMBING

PRICE: MATERIAL	2,915.00
LABOR	1,736.00
SUB-TOTAL	4,651.00
10 % MARK-UP	465.00
SUB-TOTAL	5,116.00
1 % GRT TAX	52.00
TOTAL	5,168.00

DESCRIPTION: INSTALL WATER ENTRY DET.1-M3 THAT WAS NOT INCLUDED IN BLOWER BUILDING

EXCLUSIONS:

COMMENTS: IF PIPE INSUL. IS REQUIRED ADD 200.00/ DEDUCT 300.00 FOR HEADER THAT WAS DELETED ON MANIFOLD

Stevens Brothers Mechanical

Signature

Name: _____

Title: _____

Date: _____

Signature

Name: Dale Wilkes

This proposal is valid until _____

NORTHWEST PIPE FITTINGS, INC.

Serving Montana and Wyoming Since 1957

Wholesale Plumbing, Heating, Water Works, Industrial Supplies, SERVICE with our own trucks



P.O. BOX 1258
DILLINGS, MT 59103
PHONE (406) 258-0142
FAX (406) 248-0072

P.O. BOX 4163
GREAT FALLS, MT 59404
PHONE (406) 494-2120
FAX (406) 454-1757

406 1/2TH AVENUE NE
GREAT FALLS, MT 59404
PHONE (406) 727-0842
FAX (406) 494-1742

1720 MT HWY 28 NAB1
KALISPELL, MT 59902
PHONE (406) 762-4347
FAX (406) 762-2357

330 PLUS FLATS RD
BELGRADE, MT 59714
PHONE (406) 390-2045
FAX (406) 388-0983

34308 HWY 57
SIDNEY, MT 59370
PHONE (406) 630-2120
FAX (406) 630-2125

**NOT FOR SHIPPING
MATERIAL MAY NOT BE SHIPPED
FROM THIS DOCUMENT**

PICK LIST / QUOTATION FORM

QUOTE NO. 259164

QUOTE TO

83105
STEVENS BROS MECHANICAL
240 MOORE LANE
P O BOX 20224
BILLINGS, MT 59104

QUOTE DATE	TO DATE	JOB REFERENCE	FOB	TERMS	PREPARED BY
11/17/14	12/17/14	LAUREL WATER TREATMENT PLANT	DILLINGS	2% 10TH PROX NET 30	BRENI MCNEIL

(RPBF) REDUCED PRESSURE BACKFLOW

PART#	QTY	DESCRIPTION	UNIT	PRICE	EXT. PRICE
4055722	1	LF909-QT 1" RP BACKFLOW PREVENTER	EA	\$941.61	\$941.61
4055675	1	909AG-C AIR GAP 3/4, 1" 009/1-1/4, 1-1/2 009M2	EA	\$37.40	\$37.40
3621104	1	1" LF777S THRD BRONZE WYE STRAINER	EA	\$93.74	\$93.74
3883249	1	P456BL-05 MILJOCA 4-1/2" 0-100# GAUGE	EA	\$20.16	\$20.16
3883772	1	1200 MILJOCA PRESSURE SNUBBER	EA	\$8.19	\$8.19
Segment Total					\$1,001.10

(PRV) PRESSURE REDUCING VALVE

PART#	QTY	DESCRIPTION	UNIT	PRICE	EXT. PRICE
4060101	1	LFUSB-Z3 1" PRESSURE REDUCING VALVE	EA	\$188.80	\$188.80
Segment Total					\$188.80

We are pleased to quote you on the above material.
All quotes are subject to Northwest Pipe Fittings "Terms of Sale".
Quoted prices are subject to change after the "TO DATE" above.

Segments Total	\$1,187.90
Tax Total	\$0.00
Quotation Total	\$1,187.90

TAKE OFF

PROJECT LAURBI

BID DATE _____

ITEM DESCRIPTION	QTY	LIST PRICE	UNIT COST	TOTAL COST	LABOR HOURS	TOTAL LABOR
1" BRASS	2		879.01	1,758.02	1.0	2.0
1" PRV	2		186.80	373.60	1.0	2.0
BRASS GAUGE	2		28.35	56.70	.27	.54
1" STRAINER	2		107.20	208.40	.16	1.3
2" COPPER PIPE	10'		3.43	137.20	.05	2.0
1" 90	10		3.14	31.40	.5	5.0
TEE	2		7.24	14.48	.75	1.5
1/2" 1	2		7.27	14.54	.7	1.4
UNION	4		13.12	52.48	.5	2.0
MIP	12		5.17	62.04	.75	3.0
3/4" x 1/2" FIP	2		2.94	5.88	.3	.4
1/2" VALVE	2		6.16	12.32	.4	.8
1	6		15.20	91.20	.5	3.0
STRUT	10'		2.10	21.00	-	-
1" C CLAMPS	12		2.09	25.08	.3	3.6
MISS	-		-	50.00	-	2.0
				2,914.94		30.44 x 86
<p>MATL 2,915.00</p> <p>LABOR 1,736.00</p> <p>4,651.00</p> <p>10% 465.00</p> <p>5,116.00</p> <p>1% 52.00</p> <p>5,168.00</p> <p>INSUL 200.00</p>						
						30.44

LAUREL WWTP
Additional RAS Valves

BWC
Date: 11-19-14

Materials

8" Fig. Plug Valve	\$1,343.75	ea	2	\$2,687.50
8" Fig x Mj Adpt.	\$84.82	ea	4	\$339.28
8" Megalug	\$52.12	ea	4	\$208.48
8" Bolt Pak	\$15.45	ea	4	\$61.80
Valve Box Base	\$28.75	ea	2	\$57.50
Vave Box Top	\$20.81	ea	2	\$41.62
Valve Box Extensions	\$43.05	ea	4	\$172.20
Valve Stem Risers	\$66.20	ea	2	\$132.40
Freight	\$320.00	LS	1	\$320.00

Labor

Superitendant	\$45.00	hr	2	\$90.00
Laborer	\$34.46	hr	8	\$275.68
Carpenter	\$43.32	hr	8	\$346.56

Equipment

Sub- Contractors

Subtotal		\$4,733.02
Markup		\$804.61
TOTAL		\$5,537.63

LAUREL WWTP
Additional SL Valves

BWC
Date: 11-19-14

Materials

8" Fig. Plug Valve	\$1,343.75	ea	2	\$2,687.50
8" Fig x Cplg. Adpt.	\$84.82	ea	2	\$169.64
8" Bolt Pak	\$15.45	ea	4	\$61.80
Freight	\$310.00	LS	1	\$310.00

Labor

Superitendant	\$45.00	hr	2	\$90.00
Laborer	\$34.46	hr	10	\$344.60
Carpenter	\$43.32	hr	10	\$433.20

Equipment

Sub- Contractors

Subtotal	\$4,096.74
Markup	\$696.45
TOTAL	\$4,793.19

LAUREL WWTP
Conduit Repair

BWC
Date: 11-19-14

Materials

Description	Unit	Quantity	Cost (NWP)
Bedding	yds	2	\$16.90

Labor

Description	Unit	Quantity	Cost
Superintendent	hr	2	\$90.00
Operator	hr	6	\$248.82
Laborer	hr	4	\$137.84

Equipment

Description	Unit	Quantity	Cost
PC 50	hr	6	\$142.98
Plate Compactor	hr	4	\$60.00

Sub-Contractors

Description	Unit	Quantity	Cost
CEI	LS	1	\$4,573.00

Subtotal			\$5,269.54
Markup			\$895.82
TOTAL			\$6,165.36

Note: Requires 4 days time extension

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

647 S. 18th St W
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 19, 2014

Williams Bros Construction

RE: Laurel WWTP – CEI COR 15: Repair Blower Building Conduit and Circuits

Attn: Barry Curtis

CEI would like to submit the following pricing change per your request:

Scope: Identify damaged conduits and circuits. Reroute conduits into outside box. Core drill the foundation. Cut and intercept existing indoor conduits and reroute to an indoor box. Install conduit between the two boxes. Splice and re-terminate conductors as required.

Quote:

	Labor Hrs	Labor \$	Material	Equipment	Subtotal	MU	Totals
New Work	41.2	\$2,884	\$976	\$194	\$4,054	\$405	\$4,459
						Total	\$4,459

Notes:

- 1) Price is valid for 30 days.
- 2) Proposal is based off straight time rates.
- 3) Proposal may impact project duration.

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

Respectfully,



Wade Smith
PM/Estimator

LAUREL WWTP
Air Drier Circuits

BWC
Date: 12-3-14

Materials

Description	Unit	Quantity	Cost (NWP)
-------------	------	----------	------------

Labor

Description	Unit	Quantity	Cost
-------------	------	----------	------

Equipment

Description	Unit	Quantity	Cost
-------------	------	----------	------

Sub- Contractors

Description	Unit	Quantity	Cost
-------------	------	----------	------

CEI		\$2,250.00	LS	1	\$2,250.00
-----	--	------------	----	---	------------

Subtotal					\$2,250.00
Markup					\$382.50
TOTAL					\$2,632.50

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

647 S. 18th St W
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

December 2, 2014

Williams Bros Construction

RE: Laurel WWTP – CEI COR 17: Air Dryer Circuits per RFI 33A

Attn: Barry Curtis

CEI would like to submit the following pricing change per RFI 17:

Scope: Install electrical and wire per RFI 33A.

Quote: **\$2,250**

Notes:

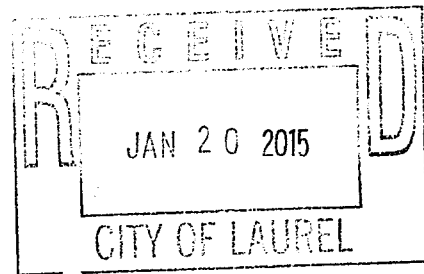
- 1) Price is valid for 30 days.
- 2) Proposal is based off straight time rates.
- 3) Proposal will impact project duration.

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

Respectfully,



Wade Smith
PM/Estimator



January 12, 2015

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

Re: City of Laurel, Change Order No. 4 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. 4 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 increased by \$33,445.29 through this change order to \$6,443,619.21. Of this amount, \$6,443,619.21 remains loan-eligible. The approved substantial completion contract time remains at 497 days and the ready date for final payment remains at 600 days.

Change Order No. 4 addresses (1) changes to mechanical plans for blower building, (2) two additional exterior plug valves on the RAS lines, (3) two interior plug valves on the sludge suction lines, (4) replacement of a corroded power conduit from the blower building to the secondary clarifiers, and (5) additional circuits on the air dryer units in the blower building.

The enclosed original approved Change Order No. 4 should be kept secure with the other project contract documents for future reference by personnel from this office during inspection activities.

Sincerely,

A handwritten signature in black ink that reads "Michele Marsh".

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

Encl: Approved Change Order No. 4

cc: Chad Hanson, PE, Great West Engineering
Kurt Markegard, Public Works Director, City of Laurel

Change Order

No. 4

Date of Issuance: December 8, 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:

\$ 6,369,000.00

Increase from previously approved Change Orders No. 1 to No. 3:

\$ 41,173.92

Contract Price prior to this Change Order:

\$ 6,410,173.92

Increase of this Change Order:

\$ 33,445.29

Contract Price incorporating this Change Order:

\$ 6,443,619.21

Original Contract Times: Working days Calendar days

Substantial completion (date): November 5, 2014

Ready for final payment (date): February 20, 2015

Increase from previously approved Change Orders No. 1 to No. 3:

Substantial completion (days): 47

Ready for final payment (days): 60

Contract Times prior to this Change Order:

Substantial completion (date): December 22, 2014

Ready for final payment (date): May 21, 2015

Increase of this Change Order:

Substantial completion (days): 0

Ready for final payment (days): 0

Contract Times with all approved Change Orders:

Substantial completion (date): December 22, 2014

Ready for final payment (date): May 21, 2015

RECOMMENDED:

By: [Signature]
Engineer (Authorized Signature)

Date: 12/08/14

Approved by Funding Agency (if applicable):

ACCEPTED:

By: [Signature]
Owner (Authorized Signature)

Date: 12/16/2014

ACCEPTED:

By: [Signature]
Contractor (Authorized Signature)

Date: 12-10-14

Date: _____

Department of Environmental Quality
 Montana
 The Montana Department of Environmental Quality has reviewed and approved the design and construction plans and specifications for the project described in this Change Order. The Department of Environmental Quality's approval is limited to the design and construction plans and specifications and does not constitute a warranty or a guarantee of the accuracy or completeness of the information provided. The design engineer and the owner are responsible for the design and construction of the project.

[Signature]
Authorized Signature

1-12-14
Date

CHANGE ORDER No. 4 SUMMARY

Change to Work		Change to Contract Cost
4-A	Miscellaneous changes to mechanical plans to meet MDU requirements on gas service lines and to replumb water lines and manifold in Blower Building as requested by City.	\$ 14,316.61 ✓
4-B	The City requested two additional, exterior plug valves on the RAS lines outside of the blower building.	\$ 5,537.63
4-C	The City requested two additional, interior plug valves on the sludge suction lines from the secondary clarifiers.	\$ 4,793.19
4-D	During construction, the conduit for power from the blower building to the secondary clarifiers was discovered to be severely corroded and a large section needs to be replaced.	\$ 6,165.36
4-E	Separate, additional circuits are required for the air dryer units on the new compressors in the blower building.	\$ 2,632.50
Subtotal: Change Order 4		\$ 33,445.29 ✓
Total Change Orders		\$ 74,619.21 ✓