

CHANGE ORDER NO.: 1

Owner:	Town of Bristol	Owner's Project No.:	WW22532001
Engineer:	Commonwealth Engineers, Inc.	Engineer's Project No.:	S22145
		Contractor's Project	
Contractor:	Crosby Construction	No.:	24105-01
Project:	WWTP Improvement Project		
Contract Name:	WWTP Improvement Project		
		Effective Date of Change	
Date Issued:		Order:	

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

Description: Alternate MA-4 Value Adjustment, Wage Scale Change, ASH Tank Patching via T&M, Flexible Time Extension of 90 Days for the Creation of 150k Allowance

Attachments: Recommendation Letter, Change Order Breakdown Memo, and Contractor correspondence.

Change in Contract Price	Change in Contract Times [State Contract Times as either a specific date or a number of days]
Original Contract Price: \$ <u>24,293,749.00</u>	Original Contract Times: Calendar days Substantial Completion: <u>630</u> Ready for final payment: <u>30</u>
{Increase} {Decrease} from previously approved Change Orders No. 1 to No. 1: \$ <u>N/A</u>	{Increase} {Decrease} from previously approved Change Orders No. 1 to No. 1: Substantial Completion: <u>N/A</u> Ready for final payment: <u>N/A</u>
Contract Price prior to this Change Order: \$ <u>24,293,749.00</u>	Contract Times prior to this Change Order: Substantial Completion: <u>630</u> Ready for final payment: <u>30</u>
{Increase} {Decrease} this Change Order: \$ <u>277,020.00</u>	{Increase} {Decrease} this Change Order: Substantial Completion: <u>90</u> Ready for final payment: <u>0</u>
Contract Price incorporating this Change Order: \$ <u>24,016,729.00</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>720</u> Ready for final payment: <u>30</u>

Town of Bristol
WWTP Improvements Project
Change Order #1

Recommended by Engineer (if required)
By: Amy Mendoga
Title: Project Engineer
Date: 9/17/24

Authorized by Owner
By: _____
Title: _____
Date: _____

Accepted by Contractor
By: [Signature]
Title: PRESIDENT
Date: 9/19/2024

Approved by Funding Agency
(if applicable)
By: _____
Title: _____
Date: _____



September 16, 2024

Mike Yoder
Town of Bristol
303 E Vistula St
Bristol, IN 46507

**RE: Job Number S22145
WWTP Improvement Project
Proposed Change Order No. 1**

Dear Mr. Yoder:

Enclosed, please find the proposed Change Order No. 1 (CO #1) for the Town of Bristol's consideration and approval.

This CO #1 includes a net contract price reduction of \$277,020 and increased contract time of 90 days resulting in a new total contract price of \$24,016,729 and an additional 90 days that can be applied to the completion of any part of the contract; this extends the overall completion from a total of 630 days to 720 days.

Recommendation

We have reviewed and determined the following information to be accurate. The proposed change consists of the following:

- Alternate MA-4 Bid Price Correction
- Wage Scale Change
- ASH Tank Patching via T&M
- Flexible Time Extension of 90 Days for the Creation of \$150k Allowance

Further details can be found in the attached memorandum. We recommend acceptance of this change order. The table below provides a summary of components included within this change order:

Description	Cost Change	Time Extension (Days)	Summary Notes
Alternate MA-4 Value Adjustment	-\$156,100.00	0	An error in the bid was corrected.
Wage Scale Change	\$18,580.00	0	Wage scale increased to an additional \$1/hour between the bid date and closing on SRF loan.
ASH Tank Patching via T&M	-\$139,500.00	0	The Contractor recommended time and material pricing rather than base bid pricing to save cost.
Flexible Time Extension of 90 Days for the Creation of \$150k Allowance	\$0	90	Contract extension in exchange for a \$150k allowance.
Total:	-\$277,020.00	90	

If you have any questions, please feel free to contact us.

Sincerely,

COMMONWEALTH ENGINEERS, INC.



Amy Mendoza, P.E.



COMMONWEALTH[™]
ENGINEERS, INC.
A wealth of resources to master a common goal.

100 East Wayne St., Suite 315
South Bend, IN 46601
PH: (574) 800-7177

CHANGE ORDER SUMMARY MEMORANDUM

DATE: September 16, 2024

SUBJECT: Wastewater Treatment Plant Improvements
Work Item Breakdown for Change Order No. 1

Change Order No. 1 for this project contains a net cost decrease. The cost decrease is associated with modifications to the original contract including a correction of pricing for Alternate MA-4, an increase due to wage scale change, revising the payment method for rehabilitation of the ASH tank, and a flexible time extension. The Engineer has determined that the area of cost is necessary for the project to be completed following federally-required wage scale, and the areas of cost savings are not detrimental to optimal completion of the project.

The attached request for change documents the net cost savings described below.

1) Alternate MA-4 Bid Price Correction

The bid tab value for Item MA-4 was incorrectly submitted by the Contractor. A communication error resulted in double-counting the markup on the equipment from the vendor. This adjustment reflects a cost savings of \$156,100.00 and no additional contract time.

2) Wage Scale Change

SRF contracts are subject to a 90-day bid hold period, but the Town was unable to close on the SRF loan until beyond the 90-day bid hold period. The Davis Bacon wage scale increased between the bid date and SRF loan closing. The updated wage scale was provided to the Contractor, reflecting an additional \$1.10 per hour for laborers. The Contractor submitted the associated increase which was reviewed by Engineer and appears accurate and fair. This change reflects an additional cost of \$18,580.00 and no additional contract time.

3) ASH Tank Patching via T&M

The base bid of the project includes rehabilitation of the aerobic sludge holding (ASH) tank and the existing primary clarifier being converted to an ASH tank based on estimated quantities provided in the plans. As a cost saving measure, the Contractor recommended payment for the rehabilitation on a time and material (T&M) basis. The Contractor explained that the bid pricing was likely higher than necessary due to the risks associated with unknown labor required to complete the repairs. This change results in a reduction of \$139,500.00 and does not require any additional contract time. A future change order will be issued to pay for the rehabilitation on a T&M basis.

4) Flexible Time Extension of 90 Days for the Creation of \$150k Allowance

The Contractor submitted a proposed flexible time extension of 90 days, in exchange for a \$150k credit, to alleviate time constraint the Contractor felt existed between the completion of the new plant and the demo of the existing plant. The Contractor had included additional cost in their bid if the project was delayed by 90 days. The Contractor has requested the additional time be applicable to any part of the work, and the allowance can be used for construction changes. If the allowance is not used, it will be released into the general contingency. The Engineer has consulted with the Town, and both consider the extension to be reasonable and feasible. This change results in a net cost of \$0.00 and an additional 90 days of contract time.

The table below provides a summary of components included within this change order:

Description	Cost Change	Adjustment in Contract Time (Calendar Days)
Alternate MA-4 Bid Price Correction	-\$156,100.00	0
Wage Scale Change	\$18,580.00	0
ASH Tank Patching via T&M	-\$139,500.00	0
Flexible Time Extension of 90 Days for \$150k Allowance	\$0	90
Total:	-\$277,020.00	90

ALTERNATE MA-4 BID ITEM CORRECTION

From: Darren Wells,
PE, BCEE, ENV
SP
Sent: Wednesday,
February 7,
2024 11:13
AM
To: Amy
Mendoza, PE;
Andrew
Robarge, PE
(IN, IL); Sarah
Litsheim
Subject: Bristol - LS 10
bid number

Good news – please see below. This will need to be included in any VE/deductive change order issuance.

**Darren Wells, PE, BCEE, ENV SP | Associate, Senior
Project Manager**
T: 800-289-1177 | D: 317-296-7947 | M: 317-508-1171
Corporate Office: 7256 Company Dr., Indianapolis, IN, 46237, USA
Regional Offices: Crown Point, Evansville, Fort Wayne, Indianapolis North, and
South Bend, IN | Bowling Green, KY



From: Mike Mattingly <Mattingly@recrosby.com>
Sent: Wednesday, February 7, 2024 10:29 AM
To: Darren Wells, PE, BCEE, ENV SP <dwells@contactcei.com>
Subject: RE: Bristol - VE

Darren,

For LS-10, the number should have been \$168,900.

Thanks!

Michael R. Mattingly
PRESIDENT

mattingly@recrosby.com
O:(260) 432-5114 C:(260) 410-8270
WWW.RECROSBY.COM



WAGE SCALE ADJUSTMENTS

Date: 7/24/2024		Description:				Wage Rate Adjustments					Job: Bristol WWTP							
Description	Qty.	B	H	L	TOT.	UM	Crew	MH	UM	UPL	Labor	UPM	Materials	UP JE	Job Exp.	UPS	Subcontracts	Totals
Project Manager										\$ 135	0							0
Site Supervision / As-Built										\$ 92.00	0							0
Layout										\$ 92.00	0							0
Tools / Equipment										\$ 76.00	0							0
Dumpster / Cleanup										\$ 76.00	0							0
Mobilization										\$ 76.00	0							0
Temp. Utilities / Office / Fuel										\$ 76.00	0							0
Winter Protection										\$ 76.00	0							0
Testing										\$ 76.00	0							0
											0		0					0
											0		0					0
											0		0					0
Crosby Construction - Labor Utility Rate (\$1.10 increase)					11680	HRS				\$ 1.10	12848		0					12848
											0		0					0
Niblock Excavating - Labor Utility Rate (Increase + 15% OHP)					2470	HRS					0		0				3125	3125
											0		0					0
Beaty Construction - Labor Utility Rate (Increase + 15% OHP)					270	HRS					0		0				342	342
											0		0					0
											0		0					0
											0		0					0
											0		0					0
											0		0					0
											0		0					0
											0		0					0
											0		0					0
											0		0					0
Subtotal											12848		0		0		3467	16315
Sucontractor Bond																0	0	0
Tax - General Condition Items ONLY																7%	0	0
Project Insurance																0	0	0
Builders Risk																	0	0
Job Bond																1%	164	164
Architectural																0%	0	0
Sub Total											12848		0		0		3631	16479
OverHead & Profit														L&M Columns		15%	1927	1927
OverHead & Profit														Subcontractor Column		5%	173	173
Total Job											12848		0		0		5732	18580

ASH TANK REPAIRS INCLUDED IN BID



RE: Change Order #1

From Mike Mattingly <Mattingly@recrosby.com>

Date Thu 9/19/2024 9:02 AM

To Amy Mendoza, PE (IN) <amendoza@contactcei.com>; Luke Parrish <lparrish@recrosby.com>

Amy,

The amount we offered was based on what we figured in our base bid, which wasn't based on the unit prices on the bid form.

There was 1,500 SF of patching and for our base bid estimate we figured \$93 / SF. Total credit should be (\$139,500).

Thanks!

Michael R. Mattingly

PRESIDENT

mattingly@recrosby.com

O:(260) 432-5114 C:(260) 410-8270

WWW.RECROSBY.COM WWW.RECROSBY.COM



From: Amy Mendoza, PE (IN) <amendoza@contactcei.com>

Sent: Wednesday, September 18, 2024 3:35 PM

To: Luke Parrish <lparrish@recrosby.com>

Cc: Mike Mattingly <Mattingly@recrosby.com>

Subject: Re: Change Order #1

Hi Luke,

That came from the quantities of the rehab items from the plans and applying the unit price from the bid (table outlining it attached). Let me know if you'd use a different cost, this might be missing something. I just now thought to look at your schedule of values and I see you have some different numbers. Just let me know how to revise and I can.

Thanks!

Amy Mendoza, PE (IN)
Project Engineer

T: 800-289-1177 | D: 219-900-9104

Corporate Office: 7256 Company Dr., Indianapolis, IN, 46237, USA

Regional Offices: Crown Point, Evansville, Fort Wayne, Indianapolis North, and South Bend, IN | Bowling Green, KY



From: Luke Parrish <lparrish@recrosby.com>
Sent: Wednesday, September 18, 2024 2:12 PM
To: Amy Mendoza, PE (IN) <amendoza@contactcei.com>
Cc: Mike Mattingly <Mattingly@recrosby.com>
Subject: Change Order #1

Amy,

For the Ash Tank repairs just wanted to qualify where the \$147,000 number came from. Please advise and thank you!

Luke Parrish
Project Manager

Cell: (260) 413-0461

Work: (260) 432-5114

Email: lparrish@recrosby.com



FLEXIBLE TIME EXTENSION

From: Mike Yoder
<mikeyoder@BristolIndiana.org>
Sent: Friday, July 26, 2024 10:52 AM
To: Amy Mendoza, PE (IN); Bristol Sewer
Cc: Jill Swartz; Jeremy Hardy, PE (IN); Andrew Robarge, PE (IN, IL); Darren S. Wells, PE (IN, KY, IL, OH, WI), BCEE, ENV SP
Subject: RE: WW Project Time Extension for Credit

I can approve the flexible times extension.

Mike Yoder

Town Manager | Bristol Indiana
574-298-3331

[Bristol](#)

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From: Amy Mendoza, PE (IN) <amendoza@contactcei.com>

Sent: Friday, July 26, 2024 10:42 AM

To: Mike Yoder <mikeyoder@BristolIndiana.org>; Bristol Sewer <BristolSewer@BristolIndiana.org>

Cc: Jill Swartz <jillswartz@BristolIndiana.org>; Jeremy Hardy, PE (IN) <jhardy@contactcei.com>; Andrew Robarge, PE (IN, IL) <arobarge@contactcei.com>; Darren S. Wells, PE (IN, KY, IL, OH, WI), BCEE, ENV SP <dwells@contactcei.com>

Subject: WW Project Time Extension for Credit

Hi Mike and Tim,

When we were discussing Value Engineering ideas with Crosby for the WWTP project, they let us know that they had included some additional cost in their bid for liquidated damages that they anticipated occurring between the completion of the new plant and demo of the old plant. They have offered up this additional cost (\$150,000) in exchange for a flexible 90-day time extension to the project. This would allow them to use that additional time in any part of their contract. The allowance would be available for construction changes and if unused, would be released into general contingency.

We do want to note that this extension will likely result in some additional cost for our inspector to be onsite (if needed) and for construction engineering as needed during that additional period. We can likely minimize this by having our inspector offsite during the startup period of the new plant if possible.

Please let us know if you have any questions and if you're okay with pursuing this. If you approve, I plan to use your email response as documentation in a future change order to establish this. To be clear, the change order would be a zero dollar change and plus 90 days. The \$150k would be assigned to an allowance.

Thanks!

Amy Mendoza, PE (IN)

Project Engineer

T: 800-289-1177 | D: 219-900-9104

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