



DOWNES
CONSTRUCTION COMPANY

CHANGE ORDER PROPOSAL NO.: 2

TO: Daniel E. Carter
Town of Bethel
1 School Street
Bethel, CT 06801

DATE: 10/03/2023

PROJECT: Bethel PD Training Range

JOB NUMBER: 25-01-0502

DESCRIPTION:

PCO #002 - RFI #004 - Remove and Replacing Existing Conductors

This PCO includes all labor, materials, and equipment to remove existing undersized conductors from the electrical panel to the existing junction box, located on the east wall of the firing range and replace with the correct wire sizes for the East Trap Vacuum. Also included is furnishing and installing the correct conductor size for the new trap vacuum; this includes a credit for the no longer needed material due to the resizing of the wire for the trap vacuum, located on the west wall. All of this added/revised work is in accordance with RFI #004.

REASON: None

Description	Vendor	Comments	Amount
Electrical	Rogers ElectricConnecticut,LLC		\$ 3,662.00
General Liability Insurance	Downes Construction Co., LLC	Insurance (0.70%)	\$ 25.63
Construction Management Fee	Downes Construction Co., LLC	CM Fee (3.00%)	\$ 110.63
TOTAL COST OF THIS CHANGE ORDER PROPOSAL IS:			3,798.26

STATUS:

This Change Order Proposal was reviewed by Downes Construction and found to be acceptable.

If you have any questions or concerns regarding this COP please advise us in writing within five (5) business days.

Submitted by:
Downes Construction Company, LLC

Architect:
Jacynshi Humes Architects, LLC

Owner:
Town of Bethel

Kevin Guite

Brian Humes

Daniel E. Carter

10/24/2023

10-24-23

Date

Date

Date

CC:

To: Mark Allen
Jacunski Humes Architects, LLC
15 Massirio Drive
Suite 101
Berlin, CT 06037
Ph: 860-828-9221 Fax: 860-828-9223

RFI #: 004
Date: 10/3/2023
Job: 25-01-0502 Bethel PD Training Range
Phone:

CC:

Subject: Existing Conductor Size

Drawing:
Cost Impact: TBD

Spec Section:
Schedule Impact: TBD

Request: **Date Required: 10/3/2023**
The existing power source for "Trap Vac Number 2" (which is existing to remain) currently has #10 & #12 AWG wire installed, which is called to be existing to remain. It is our belief that due to voltage drop the number 10 wires are undersized, and the number 12 are not large enough period. Please advise if these conductors should be removed and replaced with #8 AWG conductors.

Requested by: Kevin Guite
Downes Construction Co., LLC

Response:

Disconnect and remove the existing wiring serving the trap vacuum on the east wall back to source. Provide 3#8 + #10G in existing conduit.

For the trap vacuum on the west wall, provide 3#8 + #10G - 3/4"C in lieu of what is identified on the construction documents.

The above response assumes the two trap vacuums are expecting 30A, 208V, 3Ø, 3W power. Should this not be the case, please update RFI for engineer's review.

R. Martins - 10/3/23

Answered by

Company

Date



October 10, 2023

Bethel PD Firing Range
12 Judd Ave.
Bethel, CT 06801

Change Order Request Number 001

RE: RFI 004: Existing Conductor Size

East Trap Vacuum

Remove the existing undersized wiring to the existing junction box located on the east wall of the firing range and replace with the correct wire sizes.

West Trap Vacuum

F&I the correct wire size for the new trap vacuum.

Provide credit for the no longer needed material due to the resizing of the wire for the trap vacuum located on the west wall.

NOTES: (As Applicable).

1. All work herein is figured at NORMAL time labor rates. If the work is required to be performed at PREMIUM time this proposal will have to be modified to reflect the additional expense.
2. Bond fee is not included.
3. Cutting, patching, and painting are by others.
4. Access panels are supplied by Rogers and installed by others.
5. Excavation, backfill, and restoration of surfaces are by others.
6. Roof and exterior wall penetrations are by Rogers. Sealing of penetrations is by others.
7. Clean up of electrical debris into an on-site DOWNES provided dumpster is by Rogers.
8. The above is our interpretation of the changes requested. However, we reserve the right to correct our quote for errors and omissions. We also reserve our right to revise our quote if it is not accepted within 15 days to reflect the current fluctuation of the commodity material market.
9. Upon receipt of a written change order or written Notice to Proceed we will proceed with this work. If a written request is issued it must guarantee that we may requisition and be paid against this change order on a monthly basis.
10. This additional work will require a time extension to our contract of 2 days.
11. This proposal is predicated on the building construction being open IE: no sheet rock, ceilings, or concrete having been installed prior to electrical installations.

Total Cost: \$3,662.00

Thank you for the opportunity to quote this work. Please contact us should you have any questions and advise if you would like to proceed.

45 Peter Court, P.O. Box 638 New Britain, Connecticut 06050-0638
Phone 860.229.0800 * Fax 860.229.0406 * www.rogersservices.com * CT License No. ELC.0191315-E1



DAVID OLIVEIRA

Project Manager at Rogers Electric

Phone: 770.713.7077

Email: doliveira@rogerselectric.com

Web: www.rogerselectric.com

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**Bethel PD - Firing Range
Proposed Change Order # 001**

To: Downes Construction Co., LLC

From: Rogers Electric

Date: 10/10/2023

Ref: RFI 004: Existing Conductor Size

CM Number:

Trade Contractor PCO Number: 001

Description: F&I the corrected conductors for the (2) trap vacs & provide credit for the no longer required materials.

Quantity	Unit	Description of Material and Equipment	Unit Cost	Total
1		Material		\$ 925.00
1		Permit		\$ 25.00
				\$ -
				\$ -
				\$ -
Line 1		Material and Equipment Total		\$ 950.00

Crew	Labor Classification	Hours	Base Rate	FICA & Med Care	FUTA & SUTA	G/L, W/C Ins	Benefits	Total Rate	Total
	Foreman	1.73						\$ 125.00	\$ 216.25
	Journeyman	17.30						\$ 125.00	\$ 2,163.00
								\$ -	\$ -
								\$ -	\$ -
								\$ -	\$ -
								\$ -	\$ -
								\$ -	\$ -
								\$ -	\$ -
								\$ -	\$ -
								\$ -	\$ -
								\$ -	\$ -
Line 2								Labor Total	\$ 2,379.25

Subcontractor Cost (Attach Proposals)		
Trade	Name of Subcontractor	Total
Line 3	Subcontractor Total	\$ -

Line 4	Total Labor, Material, and Equipment	\$ 3,329.25
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Contractor Overhead and Profit		Allow %	Amount	Total
Net Value of Self Performed Work (Amount = Lines 1+2)		10%	\$ 3,329.25	\$ 332.93
Net Value of Subcontract Work (Amount = Line 3)		5%	\$ -	\$ -
Line 5	Contractor Overhead and Profit Total			\$ 332.93

Line 6	Total Proposed Change Order Amount (Lines 4+5)	\$ 3,662.18
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Extension

Attributes		Item Description	Qty	Total Mat. \$	Total Labor	System
System: East Trav Vac Adders				513.73	14.061	
#10 Green		Wire THHN / T90 - Copper Stranded	340.000	77.72	1.921	East Trav Vac A
#8 Black		Wire THHN / T90 - Copper Stranded	1,020.000	434.01	7.140	East Trav Vac A
		Demolition - Existing Underground Cabling	1.000	2.00	5.000	East Trav Vac A
System: West Trap Vac Adders				1,625.36	21.982	
1"		Conduit - EMT 10' Lengths	140.000	226.42	5.670	West Trap Vac
1"		Coupling - EMT Set Screw Steel	14.000	17.45	0.700	West Trap Vac
1"		Connector - EMT Set Screw Steel	4.000	3.99	0.480	West Trap Vac
2-1/8" D		4-11/16" Square Box 3/4 & 1" KO	2.000	11.96	0.500	West Trap Vac
		4-11/16" Square Box Cover Blank - Steel	2.000	3.04	0.050	West Trap Vac
#10 Green		Wire THHN / T90 - Copper Stranded	154.000	35.20	0.870	West Trap Vac
#8 Black		Wire THHN / T90 - Copper Stranded	462.000	196.58	3.234	West Trap Vac
#12 to #6		Wire Connector Live Spring Twist-On - 600V	8.000	3.84	0.800	West Trap Vac
1" x 1/4-20		Conduit Clip Snap Close Rod Hanger	15.217	37.62	1.202	West Trap Vac
		Sleeve Anchor for Tie Wire - Plated Steel	17.217	14.51	1.722	West Trap Vac
#12		Ceiling Wire	103.304	15.50		West Trap Vac
#8 x 1/2"		Self-Tapping Screw Wafer Head Phillips up to 12 Gauge	4.000	0.32	0.096	West Trap Vac
		Drop Wire To T-Bar Securing Clip	17.217	36.26		West Trap Vac
1" x 1/4-20		Conduit Clip Snap Close w/ Box Support Side Mount from Rod	2.000	18.27	0.178	West Trap Vac
		MC Cable - 8/3 Conductor w/ Ground Wire	270.000	1,004.40	6.480	West Trap Vac
System: West Trap Vac Credits				-1,214.08	-18.739	
3/4"		Conduit - EMT 10' Lengths	-140.000	-134.71	-4.480	West Trap Vac
3/4"		Coupling - EMT Set Screw Steel	-14.000	-24.61	-0.560	West Trap Vac
3/4"		Connector - EMT Set Screw Steel	-4.000	-6.11	-0.400	West Trap Vac
2-1/8" D		4" Square Box 1/2 & 3/4" KO	-2.000	-5.51	-0.460	West Trap Vac
		4" Square Box Cover Flat Blank - Steel	-2.000	-1.60	-0.050	West Trap Vac
#12 Green		Wire THHN / T90 - Copper Stranded	-154.000	-23.73	-0.793	West Trap Vac
#10 Black		Wire THHN / T90 - Copper Stranded	-462.000	-104.74	-2.610	West Trap Vac
#10/3C		MC Cable (to #10) w/ Aluminum Armor - Copper Solid	-270.000	-792.74	-5.508	West Trap Vac
#12 to #6		Wire Connector Live Spring Twist-On - 600V	-8.000	-3.84	-0.800	West Trap Vac
3/4" x 1/4-20		Conduit Clip Snap Close Rod Hanger	-15.217	-33.42	-1.096	West Trap Vac
		Sleeve Anchor for Tie Wire - Plated Steel	-17.217	-14.51	-1.722	West Trap Vac
#12		Ceiling Wire	-103.304	-15.50		West Trap Vac
#8 x 1/2"		Self-Tapping Screw Wafer Head Phillips up to 12 Gauge	-4.000	-0.32	-0.096	West Trap Vac
		Drop Wire To T-Bar Securing Clip	-17.217	-36.26		West Trap Vac
3/4" x 1/4-20		Conduit Clip Snap Close w/ Box Support Side Mount from Rod	-2.000	-16.49	-0.164	West Trap Vac
				\$925.00	17.304	