



Crabtree, Rohrbaugh & Associates - Architects
 401 East Winding Hill Road
 Mechanicsburg, PA 17055
 Maryland • Pennsylvania • Virginia • West Virginia

Contractor: McCarty & Son, Inc.
Address: 1161 Steinmentz Rd
Address: 0
City, State, ZIP: Ephrata, PA 17522

Project : Renos & Additions to Northern
Address: Lebanon Middle & High School

Change Order No: 7
Date: 2/21/2024
Architect's Project No: 3624

The contract is changed as follows:

Contract Type: Electrical

Add \$	57,040.98
Deduct	

Notice to Proceed Date: 12/8/2023

As a result of specific phasing requirements in the kitchen/existing gym area, the existing RTU and ductwork could not remain operational as it was in the way of the new renovations for the kitchen area. Now the new RTUs-01A & 01B are needed sooner than anticipated. However the new 480v power required to run the new RTUs is not available until later in the project. This COR provides the credit for the 480v services to RTU-01A and RTU-01B and deletes panel HK and associated panel feeder. The EC will provide temporary feeds via transformer fed from MDB2. Temporary feeds will be removed when permanent service becomes available from panel HD1A.

Additional Documentation Attached

This Change Order is not valid until signed by the Owner, Architect, and Contractor.

Original Contract Amount	\$	9,344,066.00
Net Change by previous Change Orders	\$	(33,695.38)
Contract Amount prior to this Change Order	\$	9,310,370.62
Net Change by this Change Order	\$	57,040.98
Contract Amount after this Change Order	\$	9,367,411.60

Contract Time adjustment as a result of this Change Order Days
 Date of Substantial Completion as of this Change Order

Architect
 Crabtree Rohrbaugh & Assoc.
 401 East Winding Hill Road
 Third Floor
 Mechanicsburg, PA 17055

Contractor
 McCarty & Son, Inc.
 1161 Steinmentz Rd
 0
 Ephrata, PA 17522

Owner
 Northern Lebanon SD
 345 School Drive
 0
 Fredricksburg, PA 17026

By: _____

By: _____

By: _____

Date: _____

Date: _____

Date: _____

Project Name: Northern Lebanon HS/MS
MEC Project No.:22007

COR Number: EC-012
Date: 02-16-2024

Moore Engineering Comments:

1. MEC takes no exception to the proposed COR. Please proceed with Option #2 (480V RTU solution).

PROPOSAL



McCARTY & SON INC.

"Quality and Pride in Workmanship"



ELECTRICAL CONTRACTORS
Commercial & Industrial

1161 Steinmetz Road
Ephrata, PA 17522

(717) 626-9580
(717) 721-7680

Email: bmccarty@dejazzd.com

No. 8661R2

PROPOSAL SUBMITTED TO Northern Lebanon School District	PHONE	DATE February 14, 2024
STREET 345 School Drive	PROJECT NAME RTU 01A and 01B	
CITY, STATE and ZIP CODE Fredericksburg, PA 17026	PROJECT LOCATION Northern Lebanon MS and HS Project	
ARCHITECT	ATTENTION Attn: Bradly Reist	

We hereby submit specifications and estimates for:

Revised price quotation options for the RTU 01A and RTU 01B. Please see attached.

Price Quotation:

See attached

Thank you for giving us the opportunity to supply you with a quote for this work.

We Propose hereby to furnish material and labor – complete in accordance with above specifications, for the sum of: **See attached** dollars (\$ _____).

Payment to be made as follows:

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Authorized Signature _____

Note: This proposal may be withdrawn by us if not accepted within 15 days.

Signature _____

Acceptance of Proposal – The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance: _____



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February 14, 2024

Northern Lebanon School District
345 School Drive
Fredericksburg, PA 17026

RE: Northern Lebanon Middle School / High School Project
Proposal 8661R2 breakdown

To Whom It May Concern,

Below are revised option breakdowns for the RTU-01A and RTU-01B:

Option #1:

Credit 480V services to RTU-01A and RTU-01B and delete panel HK and associated panel feeder. Provide 208V services for RTU-01A and RTU-01B via switchboard MDB2:

- New Construction
- Renovations
- Fire Alarm System Installation
- Security System Installation
- Sound System Installation
- Data Networking
- Fiber Optics
- Power Distribution
- Control Wiring
- Phone and Cable Wiring
- Outdoor Lighting
- Distribution 13KV
- Bucket Truck Service
- Design - Build
- Plant Maintenance

Material Credit:

290'	3" EMT Conduit
4	3" EMT Connector
36	3" EMT Coupling
4	3" Bushing
1,200'	300 KCMILL THHN Copper wire
300'	#3 THHN Copper Wire
Lot	Hangers and Supports
1	24x24x8 Pull Box
Lot	Colonial Panel HK Credit
2	Square D 100A NEMA 3R Disconnect
160'	1 1/4" EMT Conduit
4	1 1/4" EMT Connector
18	1 1/4" EMT Coupling
4	1 1/4" EMT Bushing
10'	1 1/4" Flex
2	1 1/4" Flex Connector
2	1 1/4" Flex Connector 90 Degree
540'	#4 THHN Copper Wire
180'	#8 THHN Copper Wire
Lot	Hangers and Supports
2	Roof Penetrations



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Material Add:

2	Cutler Hammer ED3150 Circuit Breaker
1	Cutler Hammer KPRL4ED Kit
1	Cutler Hammer 6554C01H05 (3x)
970'	3" EMT Conduit
14	3" EMT Connectors
120	3" EMT Coupling
20	3" Bushing
20'	3" Sealtight
2	3" Sealtight Connector
2	3" Sealtight Connector 90 Degree
2	3" Rigid Coupling
1,665'	400 KCM THHN Copper Wire
1,455'	350 KCM THHN Copper Wire
1,040'	1/0 THHN Copper Wire
Lot	Hangers and Supports
2	Roof Penetrations
4	24x24x12 Pull Box
12	2 Cond Insulated Lug
4	2 Cond insulated Lug
Lot	Pulling Equipment
12	Reducing Pins

Material Credit:	(15,984.99)
Material Add:	47,088.98
Net Material Add:	31,103.99
Labor Credit:	(105 hrs.)
Labor Add:	444 hrs.
Net Labor Add:	339 hrs.

Material:	31,103.99
Overhead & Profit:	4,665.60
Labor (339 hrs.):	31,649.04
Bid Bond:	1,739.40

Price Quotation Option # 1:	69,158.03
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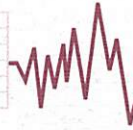
- New Construction
- Renovations
- Fire Alarm System Installation
- Security System Installation
- Sound System Installation
- Data Networking
- Fiber Optics
- Power Distribution
- Control Wiring
- Phone and Cable Wiring
- Outdoor Lighting
- Distribution 13KV
- Bucket Truck Service
- Design - Build
- Plant Maintenance



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Option #2:

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Credit 480V services to RTU-01A and RTU-01B and delete panel HK and associated panel feeder. Provide temporary 480V feeds via transformer fed from MDB2. Temporary feeds will be removed when permanent services become available from panel HD1A:

Material Credit:

290'	3" EMT Conduit
4	3" EMT Connector
36	3" EMT Coupling
4	3" Bushing
1,200'	300 KCMILL THHN Copper wire
300'	#3 THHN Copper Wire
Lot	Hangers and Supports
1	24x24x8 Pull Box
Lot	Colonial Panel HK Credit
5	Square D 100A NEMA 3R Disconnect
160'	1 1/4" EMT Conduit
4	1 1/4" EMT Connector
18	1 1/4" EMT Coupling
4	1 1/4" EMT Bushing
10'	1 1/4" Flex
2	1 1/4" Flex Connector
2	1 1/4" Flex Connector 90 Degree
540'	#4 THHN Copper Wire
180'	#8 THHN Copper Wire
Lot	Hangers and Supports
2	Roof Penetrations

- New Construction
- Renovations
- Fire Alarm System Installation
- Security System Installation
- Sound System Installation
- Data Networking
- Fiber Optics

Power Distribution

- Control Wiring
- Phone and Cable Wiring
- Outdoor Lighting
- Distribution 13KV
- Bucket Truck Service
- Design - Build
- Plant Maintenance

Material Add:

1	Cutler Hammer CLD3600 Circuit Breaker
1	Cutler Hammer KPRL4LD Kit
1	Cutler Hammer 6554C01H03
2	Square D 100A NEMA 1 Disconnect
6	70 Amp Fuses
1	Square D Transformer XR150KEX
1	Square D Lug Kit KAU-KIT
Lot	Unload and Set in place
2	Square D Ground Kit
3	70 Amp Circuit Breaker (exchanged 15 amp circuit breaker in panel HD1A)
40'	3" Flex Conduit
2	3" Flex Connector
3	3" Flex Connector 90 Degree
6	3" Bushing
540'	250 KCM Aluminum Wire
180'	2/0 Aluminum Wire
Lot	Grounding for Transformer
Lot	Hangers and supports for Transformer



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- New Construction
- Renovations
- Fire Alarm System Installation
- Security System Installation
- Sound System Installation
- Data Networking
- Fiber Optics
- Power Distribution
- Control Wiring
- Phone and Cable Wiring
- Outdoor Lighting
- Distribution 13KV
- Bucket Truck Service
- Design - Build
- Plant Maintenance

650' Aluminum MC 3-#1 and 1-#4
 3 MC Cable Connector
 Lot Hangers and Supports
 8 2 Conductor Insulated Lug
 3 K.O. Seals 3"
 2 K.O. Seals 2"
 1 16x16x6 Pull Box
 480' 1 1/4" EMT Conduit
 8 1 1/4" EMT Connector
 60 1 1/4" EMT Coupling
 8 1 1/4" Bushing
 20' 1 1/4" Greenfield
 2 1 1/4" Flex Connector
 2 1 1/4" Flex Connector 90 Degree
 1,620' #4 THHN Copper Wire
 540' #6 THHN Copper Wire
 Lot Hangers and Supports
 2 Roof Penetrations

Material Credit:	(15,984.99)
Material Add:	36,411.50
Net Material Add:	20,426.51
Labor Credit:	(105 hrs.)
Labor Add:	449 hrs.
Net Labor Add:	344 hrs.

Material:	20,426.51
Overhead & Profit:	3,063.98
Labor (344 hrs.):	32,115.84
Bid Bond:	1,434.65

Price Quotation Option #2: 57,040.98

If you have any questions, please feel free to give our office a call.

Sincerely,

Kyle H. McCarty