



STAFF REPORT

DATE: July 5, 2022

REGULAR

AGENDA ITEM: City Center-Public Works Addition Change Order-Motor Power Clarifications

SUBMITTED BY: Kristina Handt, City Administrator

BACKGROUND:

At the November 3rd meeting, Council awarded bids for the new city center and public works addition. Also established at that time was Guaranteed Maximum Price (GMP) with H+U for construction costs. The GMP was \$13,402,788.

Per the city's purchasing policy:

Change Orders

Change orders may occur due to City driven changes, errors and omissions, field directives, unforeseen/hidden conditions, regulatory requirements or changes that are contractor driven. Changes that need to be made during construction need to be addressed and approved in a timely manner in order to keep the project on schedule.

- 1) For a change order less than \$100,000, which does not result in exceeding the overall project budget, the City Administrator may approve these.
- 2) At the discretion of the City Administrator, for a change order less than \$100,000, but still within the scope of the overall project budget, it may be presented to the City Council for consideration and approval.
- 3) For any change order that results in exceeding the overall project budget, and/or exceeds \$100,000 must be approved by the City Council.

ISSUE BEFORE COUNCIL:

Should Council approve the change order related to Motor Power Clarifications for the City Center and Public Works Addition project?

PROPOSAL:

Attached is pricing for ASI#12R Motor Power Clarifications which exceeds \$100,000. This ASI is for adding the low ambient heating equipment to the VRF system and the corresponding added electrical components needed for that equipment. The following is an explanation from Leo A Daly's mechanical engineer for why the add is needed.

"Until recently (last two years or less), VRF systems designed for cold weather applications, like Minnesota, have needed a supplemental heat source to provide adequate heat supply during sub-zero outside conditions. This is similar to other split systems, mini splits, and air source heat pumps that utilize air cooled, reverse refrigerant flow systems (heat pumps) for heating. In the past supplemental heat could be provided by boiler backup / hydronic systems, electric heaters,

and heated condensing unit enclosures. Recent improvements in VRF technology has allowed VRF companies to increase capacity and heat consistently at cold conditions (-20F).

From the beginning, the intent of our VRF system for Lake Elmo has been to utilize the VRF system for cold weather heating and not to provide additional boilers / hydronic systems or heated condensing unit enclosures to accomplish this. Our original system selections didn't include the new low ambient heating equipment by mistake, and this was found shortly after CDs were issued. We revised the systems via PR#12 to include low ambient heating and also added small electric unit heaters for back up in the areas served by smaller heat pumps systems.

This upgraded system provides the necessary heat for cold weather conditions without additional boilers / heated enclosures. The improved technology of the low ambient system requires less equipment / less space when compared to the previous VRF systems with supplemental heat. In either system, there would have been an additional cost for boilers / heated enclosures or the improved low-ambient technology. We believe the low ambient system is the better option for Lake Elmo. It does not require multiple gas boilers, heating water pumps, expansion tank, air separator, building wide piping system (two-pipes, supply and return), hydronic heaters (baseboard), and associated controls to make this system operate in conjunction with the VRF system. That's a lot of equipment and space tied up into supplemental heat that operates less than 10% of the year, when the low-ambient VRF upgrade can accomplish the same results without additional equipment.

Regarding the cost increase in ASI-12, this appears to be on par with new technology system upgrades like this. The upgraded VRF required the electrical upgrades to meet the increased electrical load of the low ambient system. The non-VRF heat pump systems required cost effective electric heaters added in critical spaces to ensure heat during the extremely cold conditions, when the heat pumps will not operate. The indoor VRF units required minimal changes, and some heat pumps were absorbed into the low ambient VRF system to reduce the need for electric heater. All of these things added and shifted costs appropriately to provide the best system option for Lake Elmo and meet the design intent. ”

FISCAL IMPACT:

With this pay request, the project remains within budget by using the contingency.

OPTION:

- 1) Approve ASI-12
- 2) Don't approve ASI-12

RECOMMENDATION:

“Motion to approve ASI-12 for the New City Center and Public Works Addition.”

ATTACHMENTS:

- Change Order-ASI-12



MEMORANDUM

DATE: June 23, 2022

TO: Kristina Handt, City of Lake Elmo

FROM: Luke Nelson, Hoffmann + Uhlhorn Construction, Inc.

SUBJECT: **Lake Elmo City Center
Architect's Supplemental Instruction #12R – Motor Power Clarifications**

Attached for your review is the cost to perform the work outlined in ASI#12R.

Contractor/Supplier	WS	Description		Amount
SCR	2300L	Add EWH, ECUH, VRF	Add	\$324.00
SCR	2300M	Add EWH, ECUH, VRF	Add	\$103,638.00
Vinco	2600L	Add electrical for EWHs, EF & RH Louvers, & Revise disconnects	Add	\$3,300.00
Vinco	2600M	Add electrical for EWHs, EF & RH Louvers, & Revise disconnects	Add	\$853.00

Subtotal	\$ 108,115.00
Bond Cost (.96%)	\$ 1,037.90
Subtotal	\$ 109,152.90
H+U Fee (.65%)	\$ 709.49
Total	\$ 109,862

H+U Construction finds the pricing to be an accurate reflection of work completed.

Please, review and provide comments and/or approval.

Let me know if you have questions or need additional information.

Attachments – Twenty-Four pages



June 22, 2022

22099-1

**CENTRAL |
METRO DIVISION**

604 Lincoln Ave. NE
St. Cloud, MN 56304
toll free 800-827-1642
office 320-251-6861
fax 320-251-9390

NORTHERN DIVISION

7674 College Road, Ste 115
Baxter, MN 56425
office 218-828-4337
fax 218-825-4966

SOUTHERN DIVISION

2625 Highway 14 West
Rochester, MN 55901
office 507-535-7954
fax 507-424-1825

153 Chestnut St., Ste 300
Mankato, MN 56001
office 507-345-8425
fax 507-387-3208

scr-mn.com

Services

REFRIGERATION
HVAC
SERVICE
BUILDING AUTOMATION
FOOD SERVICE

H&U Construction

Attention Luke Nelson
Regarding Updated quotation on ASI 12R for the Lake Elmo Public Facilities

EWB 6-12	+\$8,464.50	Includes 10% mark-up
VRF System Changes	+\$95,315.00	Includes 10% mark-up
EWB 6-12 – Labor add	+\$1,620.00	12 hours at \$135.00/hour
ACOU 3, 5 & 8 – Labor deduct	-\$540.00	4 hours at \$135.00/hour
ControLogix deduct	-\$897.75	Includes 5% mark-up
Total Add	+\$103,961.75	

Breakdown:

SCR Material Price Is:	+\$103,779.50
SCR Labor Price Is:	+\$1,080.00
ControLogix Material:	-\$141.75
ControLogix Labor:	-\$756.00
Total Price Is:	+\$103,961.75

SCR

Jesse Widmer

Jesse Widmer



To: SCR	Project: Lake Elmo City Center	Date: 5/20/2022
Attn: Jesse W	Location:	SVL Quote #: 937800VENT
Engineer: Leo A Daly	Notes: ASI-12R	Bid Date: 10/5/2021
Page(s): 1		Addendums:

VRF System Changes

(1) Daikin System VRV System Change per ASI12R:

- Removed ACOU-3, ACOU-5, and ACOU-8 from project
- ACOU-4 and 6 upgraded to Aurora Low Ambient Systems
- Revised BS box connections to accommodate ACIU-9 and ACIU-28
- Updated ACIU-8, ACIU-10, ACIU-21, ACIU-22, and ACIU-29.

Note:

- Refrigerant, piping, disconnects, and control wiring provided and installed **by others**.
- Change order presented here does **NOT include** the adjustments per PR-12 (adjustments to ACOW-PW-1 system).

Total net price, standard build, freight allowed.....\$ 86,650.00

Electric Heaters

(7) Berko Electric Unit Heaters:

Tag: EWH-06 thru 12

- FRA Electric heaters

~~(5) Berko Electric Unit Heaters:~~

~~Tag: ECUH 01 thru 05~~

- ~~• Electrical changes from initial bid documents.~~

Total net price, freight allowed.....~~\$ 23,315.00~~

~~\$8,674~~

Thank you,

Gareth Nelson / Dan Brobjorg

SVL, Inc.

651-481-8000

Change Order Request	CR-03	Date: May 12, 2022
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Project: Lake Elmo City Center/Public Works

To: SCR	From: ControLogix
Attention: Jesse Widmer	Requestor: Barney Cooper
Phone:	Phone: 612.442.2252
Email: Jesse.Widmer@scr-mn.com	Email: bcooper@contrologix.net

Contract Change Requested:

ASI #12 Deduct the ACOU-3, ACOU-5, and ACOU-8

Cost / Schedule Impact:

Labor deduct.....<\$720> Material deduct.....<\$135> No schedule impact

Date:

Response:

Company:
Name:
Phone:
Email:

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Environmental and Specialty Contracting Services

Change Order

Contractor: ST CLOUD REFRIGERATION

Attention: JESSE WIDMER

Project: LAKE ELMO CITY CENTER

Change Order Date: 5/6/2022

Mavo Job # 21R608

Change Order #: ASI #12

Material: NO CHANGE

Labor: NO CHANGE

Total Cost: NO CHANGE

Should you have any questions or comments, please contact me at
651-789-3811 ext 223

Sincerely,

Ted Nickel

Ted Nickel
Commerical Insulation
Mavo Systems, Inc.

4330 Centerville Road
White Bear Lake, MN 55127-3676

PH: 651-789-3800

FX: 651-789-3836

1-888-788-4378

www.mavo.com

An Affirmative Action Employer



Northland Refrigeration Incorporated

Project Proposal

Installation of new VRV piping and installation for:

**Lake Elmo City Center
3880 Laverne Ave N
Lake Elmo, MN 55042**

Job Scope

Provide labor and materials to complete additional piping including deductions for Daikin VRV systems per ASI 12R.

Piping Installation

Installation of VRV piping and insulation to include:

- Installation of refrigerant piping
- Nitrogen purge during brazing
- Installation of piping supports
- Insulation of all refrigerant piping
- Pressure testing of refrigerant piping
- Evacuation of refrigerant piping and charging to total manufacturer specified charge amount with R410A
- 1st year warranty of workmanship and materials of installed refrigerant piping

Exclusions:

- Mechanical permits are assumed to be obtained by equipment purchasing contractor
- Concrete core drilling and roof penetrations for piping to be provided by others
- Project scope is for installation of piping only, setting and mounting of Daikin outdoor and indoor units by others
- Project scope does not include control wiring



Northland Refrigeration Incorporated

Total Project Cost Increase for ASI 12R: No Increase

Northland Refrigeration Incorporated agrees to perform the work described in the attached proposal under the following provisions

1. This proposal is good for a period of 30 days from the date of the proposal.
2. The cost of any changes to the scope of work will be priced individually, and agreed to, in writing by both parties before additional work is performed.
3. We reserve the right to file a mechanics's lien at any time.
4. 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 the 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

Respectfully submitted,

By: Josiah Tiegs

Date: 5/18/22

Accepted by: _____

Title: _____

Date: _____



Northland Refrigeration Incorporated



ASI #12R

To: H&U Construction
5555 West 78th Street, Suite A
Minneapolis, MN 55439
Attn: Luke Nelson

ASI #: 12R
ITEM(S) #: 1

Date: 6/10/2022
From: Terry Heidemann
Project: Lake Elmo City Center

Scope of Change: ASI #12R changes and revisions.

ITEM #1

Labor:	33.00	X	\$100.00 /hr		\$3,300.00
Material:	\$852.81	X	1	=	\$852.81
Equipment:	\$0.00	X	1	=	\$0.00
Permit:	\$0.00	X	1	=	\$0.00
Misc:	\$0.00	X	1	=	\$0.00
Mark-Up (10%):	\$4,152.81	X	0.00%	=	\$0.00
Subcontractor:	\$0.00	X	1	=	\$0.00
Sub Mark-Up (5%):	\$0.00	X	0.00%	=	\$0.00
Tax:	\$852.81	X	0.00%	=	\$0.00
Bond:	\$4,152.81	X	0.00%	=	\$0.00
TOTAL:			Add:	=	\$4,152.81

Total ASI #12R Add:

\$4,153.00

Terry Heidemann

6/10/2022

Terry Heidemann
Commercial Department Manager
Venco Inc.

Date

This PR is valid for (30) days from the date of issue. If this PR is not approved within (30) days Venco reserves the right to revise the pricing as necessary.



ASI #12R-Vinco

To: H&U Construction
5555 West 78th Street, Suite A
Minneapolis, MN 55439
Attn: Luke Nelson

ASI #: 12R
ITEM(S) #: 1

Date: 6/10/2022
From: Terry Heidemann
Project: Lake Elmo City Center

Scope of Change: ASI #12R changes and revisions.

ITEM #1-credit

Labor:	-219.00	X	\$100.00 /hr	=	-\$21,900.00
Material:	-\$21,773.00	X	1	=	-\$21,773.00
Equipment:	\$0.00	X	1	=	\$0.00
Permit:	\$0.00	X	1	=	\$0.00
Misc:	\$0.00	X	1	=	\$0.00
Mark-Up (10%):	-\$43,673.00	X	0.00%	=	\$0.00
Subcontractor:	\$0.00	X	1	=	\$0.00
Sub Mark-Up (5%):	\$0.00	X	0.00%	=	\$0.00
Tax:	-\$21,773.00	X	0.00%	=	\$0.00
Bond:	-\$43,673.00	X	0.00%	=	\$0.00
TOTAL:				=	-\$43,673.00

Credit: (\$43,673.00)

ITEM #1-add

Labor:	252.00	X	\$100.00 /hr		\$25,200.00
Material:	\$17,847.54	X	1	=	\$17,847.54
Equipment:	\$0.00	X	1	=	\$0.00
Permit:	\$0.00	X	1	=	\$0.00
Misc:	\$0.00	X	1	=	\$0.00
Mark-Up (10%):	\$43,047.54	X	10.00%	=	\$4,304.75
Subcontractor:	\$0.00	X	1	=	\$0.00
Sub Mark-Up (5%):	\$0.00	X	0.00%	=	\$0.00
Tax:	\$17,847.54	X	0.00%	=	\$0.00
Bond:	\$47,352.29	X	1.00%	=	\$473.52
TOTAL:				=	\$47,825.82

Add: \$47,826.00

Total ASI Add:

\$4,153.00

Terry Heidemann

6/10/2022

Terry Heidemann
Commercial Department Manager
Venco Inc.

Date

This PR is valid for (30) days from the date of issue. If this PR is not approved within (30) days Venco reserves the right to revise the pricing as necessary.

Job Name: Lake Elmo City Center ASI #12R-Credit

Job Number: 436

Extension Name: Summary #1

Item #	Item Name	Quantity	Book Price	U	P/Adj 1	U	Price 1	U	Ext Price 1	Bid Lbr	U	Bid Lbr Ext	Extended Price	% of Extended Price	% of Extended Hours
Label Set: Combined, Combined, Combined, Combined, Combined									#####			-218.72	(\$21,773.00)	100%	100%
CCode: <none>									(\$2,635.00)			-17.66	(\$2,635.00)	12.1%	8.07%
67,573	15 AMP FUSE	-8.00	\$0.00		0.60		\$10.00	E	(\$80.00)	0.02		-0.16	(\$80.00)		
67,636	30 AMP DISC SWITCH	-35.00	\$0.00		0.60		\$73.00	E	(\$2,555.00)	0.50		-17.50	(\$2,555.00)		
CCode: <undefined>									(\$11,941.80)			-81.43	(\$11,941.80)	54.85%	37.23%
67,330	120V MANUAL MOTOR STARTER	-20.00	\$0.00		0.60		\$60.00		(\$1,200.00)	0.50	E	-10.00	(\$1,200.00)		
67,336	PLASTIC ANCHOR/SCREW	-220.00	\$0.00		0.60		\$0.15		(\$33.00)	0.02		-4.40	(\$33.00)		
67,340	SMALL EQUIP CONN	-3.00	\$0.00		0.60		\$0.00		\$0.00	0.20		-0.60	\$0.00		
67,432	60 AMP DISC SWITCH	-1.00	\$0.00		0.60		\$129.00	E	(\$129.00)	0.75		-0.75	(\$129.00)		
68,265	30 AMP FUSE	-4.00	\$0.00		0.60		\$10.00	E	(\$40.00)	0.02		-0.08	(\$40.00)		
68,266	45 AMP FUSE	-3.00	\$0.00		0.60		\$20.00	E	(\$60.00)	0.02		-0.06	(\$60.00)		
68,267	70 AMP FUSE	-9.00	\$0.00		0.60		\$30.00	E	(\$270.00)	0.02		-0.18	(\$270.00)		
68,268	MOTOR STARTER	-42.00	\$0.00		0.60		\$0.00	Q	\$0.00	1.00		-42.00	\$0.00		
68,269	VFD	-9.00	\$0.00		0.60		\$0.00	Q	\$0.00	2.00		-18.00	\$0.00		
68,270	1/4" ANCHOR	-264.00	\$0.00		0.60		\$0.20		(\$52.80)	0.02		-5.28	(\$52.80)		
68,286	SWITCHGEAR QUOTE	-1.00	\$0.00		0.60		\$10,077.00		(\$10,077.00)	0.00		0.00	(\$10,077.00)		
68,290	40 AMP FUSE	-4.00	\$0.00		0.60		\$20.00	E	(\$80.00)	0.02		-0.08	(\$80.00)		
CCode: Branch Rough									(\$1,594.64)			-40.59	(\$1,594.64)	7.32%	18.56%
1,461	3/4 EMT	-805.00	\$204.07	C	0.45		\$91.83	C	(\$739.24)	2.30	C	-18.51	(\$739.24)		
1,462	1 EMT	-115.00	\$339.99	C	0.45		\$153.00	C	(\$175.94)	2.50	C	-2.88	(\$175.94)		
1,566	3/4 EMT CONN S/S	-28.00	\$68.34	C	0.60		\$41.00	C	(\$11.48)	6.00	C	-1.68	(\$11.48)		
1,567	1 EMT CONN S/S	-2.00	\$117.39	C	0.60		\$70.43	C	(\$1.41)	7.00	C	-0.14	(\$1.41)		
1,638	3/4 EMT COUP S/S	-71.00	\$84.05	C	0.60		\$50.43	C	(\$35.81)	6.00	C	-4.26	(\$35.81)		
1,639	1 EMT COUP S/S	-11.00	\$131.74	C	0.60		\$79.04	C	(\$8.69)	7.00	C	-0.77	(\$8.69)		
1,799	3/4 EMT 1 HOLE STP/STL	-99.00	\$91.51	C	0.60		\$54.91	C	(\$54.36)	2.75	C	-2.72	(\$54.36)		
1,800	1 EMT 1 HOLE STP/STL	-14.00	\$162.06	C	0.60		\$97.24	C	(\$13.61)	3.00	C	-0.42	(\$13.61)		
3,408	3/4" X 12" NIPPLE GRC	-1.00	\$6.88	E	0.60		\$412.80	C	(\$4.13)	10.00	C	-0.10	(\$4.13)		
4,271	3/4 LOCKNUT	-6.00	\$57.42	C	0.60		\$34.45	C	(\$2.07)	2.00	C	-0.12	(\$2.07)		
4,311	3/4 BUSH PLASTIC	-4.00	\$70.34	C	0.60		\$42.20	C	(\$1.69)	2.00	C	-0.08	(\$1.69)		
7,368	3/4 PVC 40	-70.00	\$39.92	C	0.60		\$23.95	C	(\$16.77)	2.50	C	-1.75	(\$16.77)		
7,405	3/4 PVC 40 90 ELBOW	-3.00	\$143.34	C	0.60		\$0.86	E	(\$2.58)	0.06	E	-0.18	(\$2.58)		
7,836	3/4 PVC MALE TERM	-2.00	\$67.62	C	0.60		\$40.57	C	(\$0.81)	6.00	C	-0.12	(\$0.81)		
7,862	3/4 PVC COUPLING	-6.00	\$38.80	C	0.60		\$23.28	C	(\$1.40)	3.00	C	-0.18	(\$1.40)		
8,059	3/4 FLEX STEEL	-15.00	\$149.63	C	0.60		\$89.78	C	(\$13.47)	3.00	C	-0.45	(\$13.47)		
8,060	1 FLEX STEEL	-3.00	\$272.63	C	0.60		\$163.58	C	(\$4.91)	4.00	C	-0.12	(\$4.91)		
8,087	3/4 FLEX SQZ CONN DIE CAST	-12.00	\$590.65	C	0.60		\$354.39	C	(\$42.53)	6.00	C	-0.72	(\$42.53)		
8,088	1 FLEX SQZ CONN DIE CAST	-2.00	\$1,336.35	C	0.60		\$801.81	C	(\$16.04)	8.00	C	-0.16	(\$16.04)		
8,217	3/4 LIQUIDTIGHT FLEX	-10.00	\$417.00	C	0.60		\$250.20	C	(\$25.02)	4.00	C	-0.40	(\$25.02)		

Job Name: Lake Elmo City Center ASI #12R-Credit

Job Number: 436

Extension Name: Summary #1

Item #	Item Name	Quantity	Book Price	U	P/Adj 1	U	Price 1	U	Ext Price 1	Bid Lbr	U	Bid Lbr Ext	Extended Price	% of Extended Price	% of Extended Hours
8,229	3/4 LIQUIDTIGHT FLEX CONN	-6.00	\$1,133.79	C	0.60		\$680.27	C	(\$40.82)	8.00	C	-0.48	(\$40.82)		
23,506	4/S BOX 2-1/8" DEEP	-17.00	\$1,824.50	C	0.60		\$1,094.70	C	(\$186.10)	10.00	C	-1.70	(\$186.10)		
23,509	4/S SG MUD RING 5/8"DP	-14.00	\$637.91	C	0.60		\$382.75	C	(\$53.58)	5.00	C	-0.70	(\$53.58)		
23,522	4/S BLANK COVER	-3.00	\$371.66	C	0.60		\$223.00	C	(\$6.69)	5.00	C	-0.15	(\$6.69)		
23,685	1G BELL 5324-0 BOX 3HUBS 3/4"	-6.00	\$1,264.09	C	0.60		\$758.45	C	(\$45.51)	20.00	C	-1.20	(\$45.51)		
23,707	1G T&B WTS15A-C HOR GFI COVEI	-6.00	\$8,566.00	C	0.60		\$1,500.00	C	(\$90.00)	10.00	C	-0.60	(\$90.00)		
CCode: Feeder Rough									(\$1,799.63)			-26.81	(\$1,799.63)	8.27%	12.26%
1,463	1 1/4 EMT	-335.00	\$536.34	C	0.45		\$241.35	C	(\$808.53)	3.00	C	-10.05	(\$808.53)		
1,464	1 1/2 EMT	-175.00	\$667.51	C	0.45		\$300.38	C	(\$525.66)	4.00	C	-7.00	(\$525.66)		
1,476	1 1/2 EMT 90 ELBOW	-2.00	\$7.63	E	0.60		\$457.80	C	(\$9.16)	10.00	C	-0.20	(\$9.16)		
1,568	1 1/4 EMT CONN S/S	-6.00	\$249.63	C	0.60		\$149.78	C	(\$8.99)	10.00	C	-0.60	(\$8.99)		
1,640	1 1/4 EMT COUP S/S	-31.00	\$289.66	C	0.60		\$173.80	C	(\$53.88)	10.00	C	-3.10	(\$53.88)		
1,641	1 1/2 EMT COUP S/S	-21.00	\$424.72	C	0.60		\$254.83	C	(\$53.51)	10.00	C	-2.10	(\$53.51)		
1,801	1 1/4 EMT 1 HOLE STP/STL	-40.00	\$211.63	C	0.60		\$126.98	C	(\$50.79)	3.50	C	-1.40	(\$50.79)		
1,802	1 1/2 EMT 1 HOLE STP/STL	-21.00	\$925.43	C	0.60		\$555.26	C	(\$116.60)	4.00	C	-0.84	(\$116.60)		
8,061	1 1/4 FLEX STEEL	-10.00	\$351.71	C	0.60		\$211.03	C	(\$21.10)	5.00	C	-0.50	(\$21.10)		
8,062	1 1/2 FLEX STEEL	-3.00	\$574.23	C	0.60		\$344.54	C	(\$10.34)	6.00	C	-0.18	(\$10.34)		
8,089	1 1/4 FLEX SQZ CONN DIE CAST	-6.00	\$2,652.08	C	0.60		\$1,591.25	C	(\$95.47)	10.00	C	-0.60	(\$95.47)		
8,090	1 1/2 FLEX SQZ CONN DIE CAST	-2.00	\$3,799.48	C	0.60		\$2,279.69	C	(\$45.59)	12.00	C	-0.24	(\$45.59)		
CCode: Hangers/Anchors									(\$155.34)			-5.28	(\$155.34)	0.71%	2.41%
5,258	1/4-20 X 3/4 CAP SCREW	-264.00	\$4.62	C	0.60		\$2.77	C	(\$7.32)	0.01	E	-2.64	(\$7.32)		
5,462	1/4 FLAT STEEL WASHER	-264.00	\$93.45	C	0.60		\$56.07	C	(\$148.02)	0.01	E	-2.64	(\$148.02)		
CCode: Trim Devices/Plates									(\$65.66)			-0.70	(\$65.66)	0.3%	0.32%
23,140	RAISED COVER 1 SWITCH	-14.00	\$781.70	C	0.60		\$469.02	C	(\$65.66)	5.00	C	-0.70	(\$65.66)		
CCode: Lugs/Termination/Ground									(\$58.51)			-6.32	(\$58.51)	0.27%	2.89%
8,993	IDEAL 451 YELLOW WIRE NUT	-229.00	\$142.03	M	0.60		\$85.22	M	(\$19.51)	25.00	M	-5.72	(\$19.51)		
24,782	GROUND SCREW/#14 PIGTAIL	-20.00	\$324.96	C	0.60		\$194.98	C	(\$39.00)	3.00	C	-0.60	(\$39.00)		
CCode: Branch Wire									(\$740.19)			-19.40	(\$740.19)	3.4%	8.87%
6	12 THHN CU SOLID	-2,700.00	\$262.64	M	0.52		\$136.57	M	(\$368.75)	4.00	M	-10.80	(\$368.75)		
7	10 THHN CU SOLID	-1,720.00	\$415.30	M	0.52		\$215.96	M	(\$371.44)	5.00	M	-8.60	(\$371.44)		
CCode: Feeder Wire									(\$2,782.22)			-20.52	(\$2,782.22)	12.78%	9.38%
13	8 THHN CU STRANDED	-350.00	\$751.46	M	0.52		\$390.76	M	(\$136.77)	6.00	M	-2.10	(\$136.77)		
14	6 THHN CU STRANDED	-660.00	\$1,284.64	M	0.52		\$668.01	M	(\$440.89)	7.00	M	-4.62	(\$440.89)		
15	4 THHN CU STRANDED	-1,050.00	\$1,985.91	M	0.52		\$1,032.67	M	(\$1,084.31)	8.00	M	-8.40	(\$1,084.31)		
18	1 THHN CU STRANDED	-540.00	\$3,989.53	M	0.52		\$2,074.56	M	(\$1,120.26)	10.00	M	-5.40	(\$1,120.26)		
												-218.72	(\$21,773.00)		



VIKING ELECTRIC
451 INDUSTRIAL BLVD NE
MINNEAPOLIS, MN 55413-2938
612-627-1234 Fax 612-627-1240

kevin.bottolfson@vikingelectric.com

QUOTE TO:
 VINCO INC
 PO BOX 907
 FOREST LAKE, MN 55025-0907
 651-982-4642

Quotation

QUOTE DATE	QUOTE NUMBER
06/02/22	S005870644
PAGE NO.	
1 of 2	

SHIP TO:
 LAKE ELMO CITY CENTER
 C/O VINCO INC - FOREST LAKE TA
 3880 LAVERNE AVE N
 LAKE ELMO, MN 55042-9627
 651-982-4642

CUSTOMER NUMBER		CUSTOMER ORDER NUMBER		JOB NAME		QUOTED TO	
58723		LAKE ELMO MECH EQUIP				TERRY	
SALESPERSON		SHIP VIA		FREIGHT ALLOWED		EXPIRATION DATE	
KEVIN BOTTOLFSON		MPL-044A		No		07/02/22	
ORDER QTY	UPC	DESCRIPTION		UNIT PRICE	U	EXT PRICE	
55ea	78364317403	SIE HNF261 30A 2P 600V 2W NON-FUSED HD TY Item is subject to NS return policy		73.000	e	4015.00	
3ea	78364315060	SIE HF221NR 30A 2P 240V 3W FUSED HD TYPE 3 Item is subject to NS return policy		125.000	e	375.00	
1ea	78364315116	SIE HNF362 NF/SW 3P 60A 600V HVY DTY N1		129.000	e	129.00	
2ea	78364315061	SIE HF222NR 60A 2P 240V 3W FUSED HD TYPE 3 Item is subject to NS return policy		233.000	e	466.00	
6ea	78364315070	SIE HF323NR 100A 3P 240V 4W FUSED HD TYPE Item is subject to NS return policy		356.000	e	2136.00	
6ea	78200199084	FRZ A2D20R RK1 TD 250V REJ 20A Item is subject to NS return policy		10.000	e	60.00	
4ea	78200199090	FRZ A2D35R 250V 35A RK1 TD FUSE Item is subject to NS return policy		20.000	e	80.00	
12ea	78200199100	FRZ A2D90R 250V 90A RK1 TD FUSE Item is subject to NS return policy		45.000	e	540.00	
1ea	78200175900	FRZ GSFC SPARE FUSE CABINET		655.000	e	655.00	
1ea	78308794179	SIE 14CUD12BF NON-REVERSING MOTOR		263.000	e	263.00	

*** Continued on Next Page ***

Terry Heidemann

From: BOTTOLFSON Kevin <Kevin.Bottolfson@vikingelectric.com>
Sent: Friday, June 3, 2022 11:29 AM
To: Terry Heidemann
Cc: WINK Mark
Subject: RE: Lake Elmo Switchgear Quote Revisions

Terry,

15A – 30A are all the same price, \$10 each

35A – 60A are all the same price, \$20 each

Kevin Bottolfson

Project Sales II

Kevin.Bottolfson@vikingelectric.com

612-676-7038 | M 651-260-8901 | F 612-676-7010

451 Industrial Blvd. NE | Minneapolis, MN 55413

vikingelectric.com



From: Terry Heidemann <T.Heidemann@vinco-inc.com>
Sent: Friday, June 3, 2022 11:26 AM
To: BOTTOLFSON Kevin <Kevin.Bottolfson@vikingelectric.com>
Cc: Terry Heidemann <T.Heidemann@vinco-inc.com>; WINK Mark <Mark.Wink@vikingelectric.com>
Subject: RE: Lake Elmo Switchgear Quote Revisions

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Kevin,

Sorry but I need prices for the following added to the disconnect quote. The engineer on this project is ridiculous.

Fuse 15A, 30A, 40A, 45A & 60A

Then I think all that is left is the adder for the new circuit breakers.

Thanks



Terry Heidemann

From: BOTTOLFSON Kevin <Kevin.Bottolfson@vikingelectric.com>
Sent: Thursday, June 2, 2022 1:55 PM
To: Terry Heidemann
Cc: WINK Mark
Subject: RE: Lake Elmo Switchgear Quote Revisions
Attachments: S005870644-0001_18156.pdf; Lake Elmo Switchgear Quote (002).pdf

Terry,

I have attached a new quote with the disconnects and fuses revised as requested. Combo starters are not available in single phase so I quoted separate starters and disconnects which are the last 3 lines on the quote. The original starters can be cancelled for a credit of \$10,077.00 based on the cancellation schedule on page 13 of the quote.

Thanks

Kevin Bottolfson
Project Sales II
Kevin.Bottolfson@vikingelectric.com
612-676-7038 | M 651-260-8901 | F 612-676-7010
451 Industrial Blvd. NE | Minneapolis, MN 55413
vikingelectric.com



From: Terry Heidemann <T.Heidemann@vinco-inc.com>
Sent: Wednesday, June 1, 2022 3:32 PM
To: BOTTOLFSON Kevin <Kevin.Bottolfson@vikingelectric.com>
Cc: WINK Mark <Mark.Wink@vikingelectric.com>; Terry Heidemann <T.Heidemann@vinco-inc.com>
Subject: Lake Elmo Switchgear Quote Revisions

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Kevin,

Attached please find Vinco's purchase order and switchgear quote for the Lake Elmo project. ASI #12R is making some changes so I have marked up the switchgear quote in red to reflect the required changes. Basically I need the (2) automatic transfer switches taken out of the quote as this was a mistake on Vinco's part from the beginning. The disconnect switch, fuse and starter quotes have been updated for ASI #12R.

If there are any fees because of this ASI please break them out. Basically I need to see the new pricing for the switchgear without the transfer switches and revised pricing for the fuses, disconnect switches and starters. If fees are incurred please have the quote



Proposal

Switchboard includes a 5-year warranty from date of shipment. 5 years from date of substantial completion is not available.

Panelboards include a 2-year warranty from date of shipment which should cover the specified 18 months after substantial completion.

Lead times shown are current estimates. Lead times are subject to change at time of release.

Freight allowed. Product shall be delivered F.O.B. point of shipment with title to the product and risk of loss or damage for the product passing to Buyer at that point. Add 2% (minimum \$500.00) for FOB destination where manufacturer accepts responsibility for any loss or shipping damage up to the delivery point.

When noted in the bill of materials, "DAS" (Dynamic Arc Sentry) is Siemens' solution to NEC 240.87 Arc Energy Reduction. No performance testing is included. Documentation can be provided for Siemens' approved method of field testing.

Unless specifically noted, no consideration has been given to selective coordination of emergency circuits.

Pricing is valid for 30 days

Important Update:

As a result of the global Covid-19 Virus outbreak, temporary delays in delivery, labor or services from Siemens and its sub-suppliers or subcontractors may occur. Among other factors, Siemens' delivery is subject to the correct and punctual supply from sub-suppliers or subcontractors, and Siemens reserves the right to make partial deliveries or modify its labor or services. While Siemens shall make every commercially reasonable effort to meet the delivery or service or completion date mentioned above, such date is subject to change and buyer shall not be entitled to any damages resulting from such delays.

Cancellation Schedule:

In the event that Buyer cancels the purchase order, or portions of the purchase order in writing, the following charges, as a percentage of the total purchase order price for the order, or application portions thereof, will apply

After receipt of order or before approval drawings are completed	15%
After approval drawing completion, but before release to manufacturing	30%
Before start of fabrication, but after major component purchase	60%
After start of fabrication, but before start of assembly	80%
After assembly has started	100%

Price Policy: Standard quote is valid for 30 days from price approval date.

Hold for Release Unless Siemens has agreed with the customer in writing, in advance to fixed pricing for an extended release date, any orders entered into COMPAS that have not been released by the

Job Name: Lake Elmo City Center ASI #12R-Add

Job Number: 437

Extension Name: Summary #1

Item #	Item Name	Quantity	Book Price	U	P/Adj 1	U	Price 1	U	Ext Price 1	Bid Lbr	U	Bid Lbr Ext	Extended Price	% of Extended Price	% of Extended Hours
Label Set: Combined, Combined, Combined, Combined, Combined									\$17,847.54			252.41	\$17,847.54	100%	100%
CCode: <none>									<u>\$4,433.00</u>			<u>3.50</u>	<u>\$4,433.00</u>	<u>24.84%</u>	<u>1.39%</u>
67,633	100/3 CIRCUIT BREAKER	1.00	\$0.00		0.60		\$0.00	Q	\$0.00	0.00		0.00	\$0.00		
67,636	30 AMP DISC SWITCH	1.00	\$0.00		0.60		\$73.00	E	\$73.00	0.50		0.50	\$73.00		
67,675	100A DISC SWITCH	3.00	\$0.00		0.60		\$356.00	E	\$1,068.00	1.00		3.00	\$1,068.00		
67,707	SWITCHGEAR QUOTE	1.00	\$0.00		0.60		\$3,292.00	E	\$3,292.00	0.00		0.00	\$3,292.00		
CCode: <undefined>									<u>\$1,944.95</u>			<u>47.10</u>	<u>\$1,944.95</u>	<u>10.9%</u>	<u>18.66%</u>
67,311	PROJECT MANAGE TIME (1) HR	1.00	\$0.00		0.60		\$0.00		\$0.00	8.00		8.00	\$0.00		
67,336	PLASTIC ANCHOR/SCREW	233.00	\$0.00		0.60		\$0.15		\$34.95	0.02		4.66	\$34.95		
67,340	SMALL EQUIP CONN	18.00	\$0.00		0.60		\$0.00		\$0.00	0.25		4.50	\$0.00		
67,342	LARGE EQUIPMENT CONN	3.00	\$0.00		0.60		\$5.00		\$15.00	0.50		1.50	\$15.00		
67,400	20/1 CIRCUIT BREAKER	12.00	\$0.00		0.60		\$0.00	Q	\$0.00	0.00		0.00	\$0.00		
67,867	40/3 CIRCUIT BREAKER	1.00	\$0.00		0.60		\$0.00	Q	\$0.00	0.00		0.00	\$0.00		
67,943	25/2 CIRCUIT BREAKER	7.00	\$0.00		0.60		\$0.00	Q	\$0.00	0.00		0.00	\$0.00		
68,219	90 AMP FUSE	12.00	\$0.00		0.60		\$45.00	E	\$540.00	0.02		0.24	\$540.00		
68,220	COMBO STARTER	4.00	\$0.00		0.60		\$0.00	Q	\$0.00	4.00		16.00	\$0.00		
68,271	20 AMP FUSE	6.00	\$0.00		0.60		\$10.00	E	\$60.00	0.02		0.12	\$60.00		
68,272	35 AMP FUSE	4.00	\$0.00		0.60		\$20.00	E	\$80.00	0.02		0.08	\$80.00		
68,411	GEN DOCKING STA QUOTE	1.00	\$0.00		0.60		\$1,000.00	E	\$1,000.00	0.00		0.00	\$1,000.00		
68,412	MISC IFH TIME	8.00	\$0.00		0.60		\$0.00		\$0.00	0.25		2.00	\$0.00		
68,413	20/1 MALE CORD END	8.00	\$0.00		0.60		\$23.75		\$190.00	0.25		2.00	\$190.00		
68,414	90/2 CIRCUIT BREAKER	2.00	\$0.00		0.60		\$0.00	Q	\$0.00	0.00		0.00	\$0.00		
68,415	90/3 CIRCUIT BREAKER	1.00	\$0.00		0.60		\$0.00	Q	\$0.00	0.00		0.00	\$0.00		
68,416	50/2 CIRCUIT BREAKER	1.00	\$0.00		0.60		\$0.00	Q	\$0.00	0.00		0.00	\$0.00		
68,417	35/2 CIRCUIT BREAKER	1.00	\$0.00		0.60		\$0.00	Q	\$0.00	0.00		0.00	\$0.00		
68,418	50/3 CIRCUIT BREAKER	1.00	\$0.00		0.60		\$0.00	Q	\$0.00	0.00		0.00	\$0.00		
68,419	70/3 CIRCUIT BREAKER	1.00	\$0.00		0.60		\$0.00	Q	\$0.00	0.00		0.00	\$0.00		
68,420	REMOVE CIRCUIT BREAKERS	1.00	\$0.00		0.60		\$25.00		\$25.00	8.00		8.00	\$25.00		
CCode: Branch Rough									<u>\$3,402.78</u>			<u>87.41</u>	<u>\$3,402.78</u>	<u>19.07%</u>	<u>34.63%</u>
1,106	12/2 SEOW CORD	40.00	\$2,256.89	M	0.60		\$1,354.13	M	\$54.17	40.00	M	1.60	\$54.17		
1,121	SO CONN (KELLEM)	16.00	\$19.45	E	0.60		\$11.67	E	\$186.72	0.25	E	4.00	\$186.72		
1,461	3/4 EMT	1,670.00	\$204.07	C	0.45		\$91.83	C	\$1,533.59	2.30	C	38.41	\$1,533.59		
1,462	1 EMT	210.00	\$339.99	C	0.45		\$153.00	C	\$321.29	2.50	C	5.25	\$321.29		
1,566	3/4 EMT CONN S/S	54.00	\$68.34	C	0.60		\$41.00	C	\$22.14	6.00	C	3.24	\$22.14		
1,567	1 EMT CONN S/S	4.00	\$117.39	C	0.60		\$70.43	C	\$2.82	7.00	C	0.28	\$2.82		
1,638	3/4 EMT COUP S/S	157.00	\$84.05	C	0.60		\$50.43	C	\$79.18	6.00	C	9.42	\$79.18		
1,639	1 EMT COUP S/S	22.00	\$131.74	C	0.60		\$79.04	C	\$17.39	7.00	C	1.54	\$17.39		
1,799	3/4 EMT 1 HOLE STP/STL	120.00	\$91.51	C	0.60		\$54.91	C	\$65.89	2.75	C	3.30	\$65.89		

Job Name: Lake Elmo City Center ASI #12R-Add

Job Number: 437

Extension Name: Summary #1

Item #	Item Name	Quantity	Book Price	U	P/Adj 1	U	Price 1	U	Ext Price 1	Bid Lbr	U	Bid Lbr Ext	Extended Price	% of Extended Price	% of Extended Hours
1,800	1 EMT 1 HOLE STP/STL	26.00	\$162.06	C	0.60		\$97.24	C	\$25.28	3.00	C	0.78	\$25.28		
1,848	3/4 EMT CHNL STRAP W/BOLT	90.00	\$134.17	C	0.60		\$80.50	C	\$72.45	4.00	C	3.60	\$72.45		
3,419	1" X 12" NIPPLE GRC	1.00	\$9.47	E	0.60		\$568.20	C	\$5.68	15.00	C	0.15	\$5.68		
4,272	1 LOCKNUT	6.00	\$99.91	C	0.60		\$59.95	C	\$3.60	3.00	C	0.18	\$3.60		
4,371	1 BUSH INSUL MAL GRNDG	4.00	\$1,702.31	C	0.60		\$1,021.39	C	\$40.86	10.00	C	0.40	\$40.86		
7,369	1 PVC 40	75.00	\$58.26	C	0.60		\$34.96	C	\$26.22	3.00	C	2.25	\$26.22		
7,406	1 PVC 40 90 ELBOW	3.00	\$217.10	C	0.60		\$1.30	E	\$3.91	0.08	E	0.24	\$3.91		
7,837	1 PVC MALE TERM	2.00	\$90.68	C	0.60		\$54.41	C	\$1.09	8.00	C	0.16	\$1.09		
7,863	1 PVC COUPLING	6.00	\$58.90	C	0.60		\$35.34	C	\$2.12	5.00	C	0.30	\$2.12		
8,059	3/4 FLEX STEEL	110.00	\$149.63	C	0.60		\$89.78	C	\$98.76	3.00	C	3.30	\$98.76		
8,060	1 FLEX STEEL	5.00	\$272.63	C	0.60		\$163.58	C	\$8.18	4.00	C	0.20	\$8.18		
8,087	3/4 FLEX SQZ CONN DIE CAST	22.00	\$590.65	C	0.60		\$354.39	C	\$77.97	6.00	C	1.32	\$77.97		
8,088	1 FLEX SQZ CONN DIE CAST	1.00	\$1,336.35	C	0.60		\$801.81	C	\$8.02	8.00	C	0.08	\$8.02		
8,136	3/4 FLEX 90 CLAMP DIE CAST CONN	22.00	\$1,225.63	C	0.60		\$735.38	C	\$161.78	8.00	C	1.76	\$161.78		
8,137	1 FLEX 90 CLAMP DIE CAST CONN	1.00	\$4,245.33	C	0.60		\$2,547.20	C	\$25.47	10.00	C	0.10	\$25.47		
8,217	3/4 LIQUIDTIGHT FLEX	5.00	\$417.00	C	0.60		\$250.20	C	\$12.51	4.00	C	0.20	\$12.51		
8,218	1 LIQUIDTIGHT FLEX	5.00	\$628.00	C	0.60		\$376.80	C	\$18.84	5.00	C	0.25	\$18.84		
8,229	3/4 LIQUIDTIGHT FLEX CONN	1.00	\$1,133.79	C	0.60		\$680.27	C	\$6.80	8.00	C	0.08	\$6.80		
8,230	1 LIQUIDTIGHT FLEX CONN	1.00	\$1,938.52	C	0.60		\$1,163.11	C	\$11.63	10.00	C	0.10	\$11.63		
8,277	3/4 LIQUIDTIGHT 90 FLEX CONN	1.00	\$1,871.71	C	0.60		\$1,123.03	C	\$11.23	10.00	C	0.10	\$11.23		
8,278	1 LIQUIDTIGHT 90 FLEX CONN	1.00	\$4,187.10	C	0.60		\$2,512.26	C	\$25.12	12.00	C	0.12	\$25.12		
23,150	4" SQ 1 19/32" RAISED SGL RCPT CVR	8.00	\$1,023.00	C	0.60		\$613.80	C	\$49.10	5.00	C	0.40	\$49.10		
23,506	4/S BOX 2-1/8" DEEP	30.00	\$1,824.50	C	0.60		\$1,094.70	C	\$328.41	10.00	C	3.00	\$328.41		
23,517	4/S 2G MUD RING 3/4"DP	11.00	\$926.20	C	0.60		\$555.72	C	\$61.13	5.00	C	0.55	\$61.13		
23,522	4/S BLANK COVER	15.00	\$371.66	C	0.60		\$223.00	C	\$33.45	5.00	C	0.75	\$33.45		
CCode: Feeder Rough										\$2,356.77		39.14	\$2,356.77	13.21%	15.51%
1,463	1 1/4 EMT	340.00	\$536.34	C	0.45		\$241.35	C	\$820.60	3.00	C	10.20	\$820.60		
1,465	2 EMT	140.00	\$791.79	C	0.45		\$356.31	C	\$498.83	7.00	C	9.80	\$498.83		
1,475	1 1/4 EMT 90 ELBOW	4.00	\$6.56	E	0.60		\$393.60	C	\$15.74	10.00	C	0.40	\$15.74		
1,477	2 EMT 90 ELBOW	4.00	\$11.21	E	0.60		\$672.60	C	\$26.90	17.50	C	0.70	\$26.90		
1,568	1 1/4 EMT CONN S/S	8.00	\$249.63	C	0.60		\$149.78	C	\$11.98	10.00	C	0.80	\$11.98		
1,570	2 EMT CONN S/S	4.00	\$514.99	C	0.60		\$308.99	C	\$12.36	17.50	C	0.70	\$12.36		
1,640	1 1/4 EMT COUP S/S	42.00	\$289.66	C	0.60		\$173.80	C	\$72.99	10.00	C	4.20	\$72.99		
1,642	2 EMT COUP S/S	22.00	\$564.93	C	0.60		\$338.96	C	\$74.57	17.50	C	3.85	\$74.57		
1,801	1 1/4 EMT 1 HOLE STP/STL	43.00	\$211.63	C	0.60		\$126.98	C	\$54.60	6.00	C	2.58	\$54.60		
1,852	2 EMT CHNL STRAP W/BOLT	18.00	\$198.04	C	0.60		\$118.23	C	\$21.28	8.00	C	1.44	\$21.28		
8,061	1 1/4 FLEX STEEL	5.00	\$351.71	C	0.60		\$211.03	C	\$10.55	5.00	C	0.25	\$10.55		
8,089	1 1/4 FLEX SQZ CONN DIE CAST	1.00	\$2,652.08	C	0.60		\$1,591.25	C	\$15.91	10.00	C	0.10	\$15.91		

Job Name: Lake Elmo City Center ASI #12R-Add

Job Number: 437

Extension Name: Summary #1

Item #	Item Name	Quantity	Book Price	U	P/Adj 1	U	Price 1	U	Ext Price 1	Bid Lbr	U	Bid Lbr Ext	Extended Price	% of Extended Price	% of Extended Hours
8,138	1 1/4 FLEX 90 CLAMP DIE CAST CONN	1.00	\$6,783.63	C	0.60		\$4,070.18	C	\$40.70	12.00	C	0.12	\$40.70		
8,219	1 1/4 LIQUIDTIGHT FLEX	20.00	\$861.00	C	0.60		\$516.60	C	\$103.32	6.00	C	1.20	\$103.32		
8,221	2 LIQUIDTIGHT FLEX	10.00	\$1,247.00	C	0.60		\$748.20	C	\$74.82	10.00	C	1.00	\$74.82		
8,231	1 1/4 LIQUIDTIGHT FLEX CONN	4.00	\$3,574.86	C	0.60		\$2,144.92	C	\$85.80	12.00	C	0.48	\$85.80		
8,233	2 LIQUIDTIGHT FLEX CONN	2.00	\$8,234.36	C	0.60		\$4,940.62	C	\$98.81	18.00	C	0.36	\$98.81		
8,279	1 1/4 LIQUIDTIGHT 90 FLEX CONN	4.00	\$6,648.06	C	0.60		\$3,988.84	C	\$159.55	14.00	C	0.56	\$159.55		
8,281	2 LIQUIDTIGHT 90 FLEX CONN	2.00	\$13,119.83	C	0.60		\$7,871.90	C	\$157.44	20.00	C	0.40	\$157.44		
CCode: Hangers/Anchors										\$54.63		3.93	\$54.63	0.31%	1.56%
5,259	1/4-20 X 1 CAP SCREW	39.00	\$4.90	C	0.60		\$2.94	C	\$1.15	0.01	E	0.39	\$1.15		
5,462	1/4 FLAT STEEL WASHER	39.00	\$93.45	C	0.60		\$56.07	C	\$21.87	0.01	E	0.39	\$21.87		
5,515	1/4" MACHINE SCR W ANCH	39.00	\$88.87	C	0.60		\$53.32	C	\$20.80	5.00	C	1.95	\$20.80		
7,023	1/4-20 APP BEAM CLAMP	8.00	\$225.42	C	0.60		\$135.25	C	\$10.82	15.00	C	1.20	\$10.82		
CCode: Trim Devices/Plates										\$87.84		2.00	\$87.84	0.49%	0.79%
23,189	SGL 5-20R 20A 125V RECPT	8.00	\$18.30	E	0.60		\$10.98	E	\$87.84	0.25	E	2.00	\$87.84		
CCode: Lugs/Termination/Ground										\$44.72		2.82	\$44.72	0.25%	1.12%
8,993	IDEAL 451 YELLOW WIRE NUT	90.00	\$142.03	M	0.60		\$85.22	M	\$7.67	25.00	M	2.25	\$7.67		
24,782	GROUND SCREW/#14 PIGTAIL	19.00	\$324.96	C	0.60		\$194.98	C	\$37.05	3.00	C	0.57	\$37.05		
CCode: Switchgear/Meter										\$0.00		5.00	\$0.00	0%	1.98%
67,307	MISC PANEL TIME (1) HR	5.00	\$0.00		0.60		\$0.00		\$0.00	1.00	E	5.00	\$0.00		
CCode: Branch Wire										\$768.18		21.77	\$768.18	4.3%	8.63%
6	12 THHN CU SOLID	4,755.00	\$262.64	M	0.52		\$136.57	M	\$649.40	4.00	M	19.02	\$649.40		
7	10 THHN CU SOLID	550.00	\$415.30	M	0.52		\$215.96	M	\$118.78	5.00	M	2.75	\$118.78		
CCode: Feeder Wire										\$4,754.67		39.74	\$4,754.67	26.64%	15.74%
13	8 THHN CU STRANDED	865.00	\$751.46	M	0.52		\$390.76	M	\$338.01	6.00	M	5.19	\$338.01		
14	6 THHN CU STRANDED	1,555.00	\$1,284.64	M	0.52		\$668.01	M	\$1,038.76	7.00	M	10.89	\$1,038.76		
15	4 THHN CU STRANDED	670.00	\$1,985.91	M	0.52		\$1,032.67	M	\$691.89	8.00	M	5.36	\$691.89		
16	3 THHN CU STRANDED	630.00	\$2,487.73	M	0.52		\$1,293.62	M	\$814.98	10.00	M	6.30	\$814.98		
20	2/0 THHN CU STRANDED	600.00	\$5,996.91	M	0.52		\$3,118.39	M	\$1,871.04	20.00	M	12.00	\$1,871.04		
										\$17,847.54		252.40	\$17,847.54		

VIKING ELECTRIC
451 INDUSTRIAL BLVD NE
MINNEAPOLIS, MN 55413-2938
612-627-1234 Fax 612-627-1240

kevin.bottolfson@vikingelectric.com

QUOTE TO:
 VINCO INC
 PO BOX 907
 FOREST LAKE, MN 55025-0907
 651-982-4642

Quotation

QUOTE DATE	QUOTE NUMBER
06/02/22	S005870644
PAGE NO.	
1 of 2	

SHIP TO:
 LAKE ELMO CITY CENTER
 C/O VINCO INC - FOREST LAKE TA
 3880 LAVERNE AVE N
 LAKE ELMO, MN 55042-9627
 651-982-4642

CUSTOMER NUMBER		CUSTOMER ORDER NUMBER		JOB NAME		QUOTED TO	
58723		LAKE ELMO MECH EQUIP				TERRY	
SALESPERSON			SHIP VIA		FREIGHT ALLOWED		EXPIRATION DATE
KEVIN BOTTOLFSON			MPL-044A		No		07/02/22
ORDER QTY	UPC	DESCRIPTION			UNIT PRICE	U	EXT PRICE
55ea	78364317403	SIE HNF261 30A 2P 600V 2W NON-FUSED HD TY Item is subject to NS return policy			73.000	e	4015.00
3ea	78364315060	SIE HF221NR 30A 2P 240V 3W FUSED HD TYPE 3 Item is subject to NS return policy			125.000	e	375.00
1ea	78364315116	SIE HNF362 NF/SW 3P 60A 600V HVY DTY N1			129.000	e	129.00
2ea	78364315061	SIE HF222NR 60A 2P 240V 3W FUSED HD TYPE 3 Item is subject to NS return policy			233.000	e	466.00
6ea	78364315070	SIE HF323NR 100A 3P 240V 4W FUSED HD TYPE Item is subject to NS return policy			356.000	e	2136.00
6ea	78200199084	FRZ A2D20R RK1 TD 250V REJ 20A Item is subject to NS return policy			10.000	e	60.00
4ea	78200199090	FRZ A2D35R 250V 35A RK1 TD FUSE Item is subject to NS return policy			20.000	e	80.00
12ea	78200199100	FRZ A2D90R 250V 90A RK1 TD FUSE Item is subject to NS return policy			45.000	e	540.00
1ea	78200175900	FRZ GSFC SPARE FUSE CABINET			655.000	e	655.00
1ea	78308794179	SIE 14CUD12BF NON-REVERSING MOTOR			263.000	e	263.00

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58723		LAKE ELMO MECH EQUIP				TERRY		
SALESPERSON			SHIP VIA		FREIGHT ALLOWED		EXPIRATION DATE	
KEVIN BOTTOLFSON			MPL-044A		No		07/02/22	
ORDER QTY	UPC	DESCRIPTION				UNIT PRICE	U	EXT PRICE
		STARTER SIZE 0 SINGLE PHASE FULL VOLTAGE SOLID-STATE OVERLOAD RELAY OLR AMP RANGE 5.5-22A 110V 50HZ / 120V 60HZ COIL NON-COMBINATION TYPE Enclosure type 1, Indoor general purpose use, Standard width enclosure SMP-1						
3ea	78308794091	SIE 14CUC12BF 3-12A N1 120V STR SMP-2/3/4				263.000	e	789.00
4ea	78364317403	SIE HNF261 30A 2P 600V 2W NON-FUSED HD TY SMP-1/2/3/4				73.000	e	292.00

TERMS & CONDITIONS

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TAXES NOT INCLUDED

Subtotal	9800.00
S&H CHGS	0.00
Amount Due	9800.00

Terry Heidemann

From: BOTTOLFSOON Kevin <Kevin.Bottolfson@vikingelectric.com>
Sent: Friday, June 3, 2022 11:29 AM
To: Terry Heidemann
Cc: WINK Mark
Subject: RE: Lake Elmo Switchgear Quote Revisions

Terry,

15A – 30A are all the same price, \$10 each

35A – 60A are all the same price, \$20 each

Kevin Bottolfson

Project Sales II

Kevin.Bottolfson@vikingelectric.com

612-676-7038 | M 651-260-8901 | F 612-676-7010

451 Industrial Blvd. NE | Minneapolis, MN 55413

vikingelectric.com



From: Terry Heidemann <T.Heidemann@vinco-inc.com>
Sent: Friday, June 3, 2022 11:26 AM
To: BOTTOLFSOON Kevin <Kevin.Bottolfson@vikingelectric.com>
Cc: Terry Heidemann <T.Heidemann@vinco-inc.com>; WINK Mark <Mark.Wink@vikingelectric.com>
Subject: RE: Lake Elmo Switchgear Quote Revisions

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Kevin,

Sorry but I need prices for the following added to the disconnect quote. The engineer on this project is ridiculous.

Fuse 15A, 30A, 40A, 45A & 60A

Then I think all that is left is the adder for the new circuit breakers.

Thanks



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 LAKE ELMO, MN 55042-9627
 651-982-4642

CUSTOMER NUMBER		CUSTOMER ORDER NUMBER		JOB NAME		QUOTED TO	
58723		ASI 12R					
SALESPERSON		SHIP VIA		FREIGHT ALLOWED		EXPIRATION DATE	
KEVIN BOTTOLFSON		MPL-044A		No		07/06/22	
ORDER QTY	UPC	DESCRIPTION			UNIT PRICE	U	EXT PRICE
1ea	4042948823064	SIE 3VA4170-4ED34-0AA0 SIEMENS LOW VOLTAGE 3VA UL MOLDED CASE CIRCUIT BREAKER WITH THERMAL - MAGNETIC TRIP UNIT. 3VA41 FRAME WITH STANDARD (CLASS S) BREAKING CAPACITY. 70A 3-POLE (14KAIC AT 600Y/347) (25KAIC AT 480V). TM210 TRIP UNIT WITH FIXED Ir FIXED Ii. SPECIAL FEATURES LUGS INSTALLED IN LOAD SIDE ONLY. DIMENSIONS (W x H x D) IN 3 x 5.5x 3.7. Item is subject to NS return policy			335.000	e	335.00
6ea	78364326409	SIE B120HH BREAKER 20A 1P 120V 65K HBL Item is subject to NS return policy			55.000	e	330.00
3ea	78364308280	SIE B225HH BREAKER 25A 2P 120/240V 65K HBL 65 KAIC Item is subject to NS return policy			133.000	e	399.00
1ea	78364308912	SIE B235HH 2P 35A 120/240VAC CB Item is subject to NS return policy			163.000	e	163.00
1ea	78364326417	SIE B250HH BREAKER 50A 2P 120/240V 65K HBL Item is subject to NS return policy			163.000	e	163.00
1ea	78364326423	SIE B340HH BREAKER 40A 3P 240V 65K HBL Item is subject to NS return policy			279.000	e	279.00

*** Continued on Next Page ***



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LAKE ELMO, MN 55042-9627
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58723		ASI 12R					
SALESPERSON		SHIP VIA		FREIGHT ALLOWED		EXPIRATION DATE	
KEVIN BOTTOLFSON		MPL-044A		No		07/06/22	
ORDER QTY	UPC	DESCRIPTION			UNIT PRICE	U	EXT PRICE
1ea	78364326424	SIE B350HH BREAKER 50A 3P 240V 65K HBL Item is subject to NS return policy			279.000	e	279.00

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TAXES NOT INCLUDED

Subtotal	1948.00
S&H CHGS	0.00
Amount Due	1948.00