

CONTRACT CHANGE ORDER

No. 2

Date 7-27-22

Contract No. BLDG-2021-64.06 for the following public work: La Crosse Fire Station #2 Project between B&B Electric, Inc. and the City of La Crosse, dated January 6, 2022, is hereby changed in the following particulars, to-wit:

The following specific work is hereby eliminated from such contract:

None **\$ 0.00**

The following specific work is hereby added to such contract:

CE #008 CT Cabinet Location (RFI #BB-08) **\$ 19,334.00**
CE #014 Door Access for Door 108-2 (RFI #BB-11) **\$ 1,377.00**

By virtue of such changes in the contract, the following revisions shall be made in the contract price:

| | |
|---|----------------------|
| Contract Price ----- | \$ 484,846.00 |
| Contract price decreased by eliminations ----- | \$ 0.00 |
| Contract price increased by additions ----- | \$ 20,711.00 |
| Net Deductions or Additions (Strike out one) ----- | \$ 20,711.00 |
| Revised Contract Price ----- | \$ 505,557.00 |

B&B Electric, Inc.
NAME OF CONTRACTOR

DocuSigned by:
MICHAEL BERGH
2CDF56F7C743445...
CONTRACTOR SIGNATURE

BOARD OF PUBLIC WORKS

I HEREBY CERTIFY that there are sufficient funds in the treasury to meet the liability assumed by the foregoing addenda to contract, or that provision has been made to pay the liability that will accrue thereunder. (WS 62.15-12; 62.09-10-f)

DocuSigned by:
David Tauscher
EE923CG8B49G443...

Budget Analyst

DocuSigned by:
Dan DeGier
C6134A8A54494EF...

Controller



630 Amy Drive
Holmen, WI 54636
(608)372-4008 or (608)399-3223 Fax (715)832-1677
kevink@b-belectricinc.com
www.bandbelectric.com
Equal opportunity employer

**B&B Electric is pleased to provide a quote on the following electrical project:
La Crosse Fire Station #2
CE008: RFI BB-08 CT Cabinet Relocation**

Price Includes:

- **Deduct: Raceways and trenching from La Crosse Street manhole to transformer for Utility's primary to transformer**
- **Deduct: Raceways from transformer to original CT cabinet location as shown on the drawings**
- **Deduct: 800A wall mounted CT cabinet**
- **Add: Conduit and wire from relocated CT cabinet to 800A main service disconnect**
- **Add: Provide and install precast concrete transformer pad and vault per Xcel requirements for the transformer and pad mounted CT cabinet to sit on**
- **Add: 800A pad mounted CT cabinet**

Not included:

- **Sales tax**

| | |
|--|-------------------------------|
| Add for new CT location (material) | <u>\$13,409.00</u> |
| Add for new CT location (labor)..... | <u>\$8,835.00</u> |
| Deduct for original design (material) | <u>(\$2,278.00)</u> |
| Deduct for original design (labor) | <u>(\$632.00)</u> |
| Total | Add <u>\$19,334.00</u> |

It is the Owner's responsibility to provide the wire after the CT cabinet. Because the CT cabinet is being relocated adjacent to the transformer, those wire runs become considerably longer. Xcel also requires a transformer pad with an underground vault (cable chase) when the transformer and CT cabinet are next to each other on the same pad.

Thank you for allowing B&B Electric to provide you a quotation for this project. If you have any questions or concerns, please contact me at 715-577-4392.

Sincerely,

Kevin Kuderer
B&B Electric, Inc.
July 8, 2022

Bid Summary Report

La Crosse Fire Station #2 Estimator: Jarred G

Job #4860

Job Name: La Crosse Fire Station #2

Contractor:

Estimator: Jarred G

Notes:

Bid Date: 1/6/2022

| Summary Description | Material | | | Labor | | |
|---------------------------|------------|---------|------------|----------|---------|----------|
| | Extended | % | Adjusted | Extended | % | Adjusted |
| CE008 CT Cab Relocate Add | \$6,613.54 | 100.00% | \$6,613.54 | 77.38 | 100.00% | 77.38 |

Top Sheet

| | | | |
|-----------------------------|--------------------|-----------------------------|--------|
| Raw Cost | \$20,221.89 | Sales per Month | \$0.00 |
| Tax | \$0.00 | Return per Month | \$0.00 |
| Raw Cost with Tax | \$20,221.89 | Price per Square Foot | \$0.00 |
| Overhead | \$0.00 | Hours per Square Foot | 0.00 |
| Profit | \$2,022.19 | Square Feet | 0.00 |
| Total Return Amount | \$2,022.19 | Job Months | 0.00 |
| Total Return % | 9.09% | Hours per Week | 0.00 |
| Price | \$22,244.08 | Workers per Day | 0.00 |
| Bond | \$0.00 | Total Hours | 77.38 |
| Sell Price | \$22,244.08 | Markup Sales Tax (Overhead) | No |
| Adjusted Sell () | \$0.00 | Markup Sales Tax (Profit) | No |
| Adjusted Sell Return 0.00 % | \$0.00 | Use Bond Table | No |

Labor

| Class Description | Percent of Total | Hours Distributed | Hourly Rate | Burden Rate | Percent | Labor Cost |
|----------------------|------------------|-------------------|----------------|---------------|--------------|-------------------|
| Journeyman 2022-2023 | 100.00% | 77.38 | \$97.01 | \$0.00 | 0.00% | \$7,506.60 |
| PM | 6.46% | 5.00 | \$105.00 | \$0.00 | 0.00% | \$525.00 |
| Totals | 106.46% | 82.38 | \$97.49 | \$0.00 | 0.00% | \$8,031.60 |

Mark Ups

| | OVERHEAD | | | PROFIT | | |
|-----------------|--------------|-------|--------------|--------|------------|--|
| | Total | % | Amount | % | Amount | |
| Materials | \$6,613.54 + | 0.00% | \$6,613.54 + | 10.00% | \$7,274.90 | |
| Labor | \$8,031.60 + | 0.00% | \$8,031.60 + | 10.00% | \$8,834.75 | |
| Supplier Quotes | \$5,576.75 + | 0.00% | \$5,576.75 + | 10.00% | \$6,134.43 | |

Bid Summary Report

La Crosse Fire Station #2 Estimator: Jarred G
Job #4860

| | | | | | | | |
|--------------------|--------------------|---|--------------|--------------------|---|---------------|--------------------|
| SubContractors | \$0.00 | + | 0.00% | \$0.00 | + | 0.00% | \$0.00 |
| Direct Job Expense | \$0.00 | + | 0.00% | \$0.00 | + | 0.00% | \$0.00 |
| Equipment Rental | \$0.00 | + | 0.00% | \$0.00 | + | 0.00% | \$0.00 |
| Totals | \$20,221.89 | | 0.00% | \$20,221.89 | | 10.00% | \$22,244.08 |

Tax Report

| | Taxed Amount | Tax Rate % | Tax Amount |
|--------------------|--------------|-------------------|---------------|
| Materials | \$6,613.54 | 0.00% | \$0.00 |
| Labor | \$8,031.60 | 0.00% | \$0.00 |
| Supplier Quotes | \$5,576.75 | 0.00% | \$0.00 |
| SubContractors | \$0.00 | 0.00% | \$0.00 |
| Direct Job Expense | \$0.00 | 0.00% | \$0.00 |
| Equipment Rental | \$0.00 | 0.00% | \$0.00 |
| | | Total Tax: | \$0.00 |

Supplier Quotes

| Name | Supplier | Tax (0.0 %) | Unit Cost | Multiplier | Amount |
|---------------------------|----------|-------------|---------------|------------|-------------------|
| Switchgear | DSG | Yes | \$2,976.75 | 1.00 | \$2,976.75 |
| Transformer Pad and Vault | Crest | Yes | \$2,600.00 | 1.00 | \$2,600.00 |
| | | | Total: | | \$5,576.75 |

Job Name: La Crosse Fire Station #2
 Job Number: 4860
 Extension Name: CE008 CT Cab Relocate Add

| Item # | Item Name | Quantity | Price 2 | U | Ext Price 2 | CO Lbr 1 | U | CO Lbr 1 Ext | CCode | % of Extended Price | % of Extended Hours |
|--|--------------------------------|----------|------------|---|--------------------------|----------|---|---------------------|-------|---------------------|---------------------|
| Label Set: Combined, Combined, Combined, Combined, Combined | | | | | <u>\$6,613.54</u> | | | <u>77.38</u> | | <u>100 %</u> | <u>100 %</u> |
| CCode: Feeder Rough | | | | | <u>\$843.03</u> | | | <u>9.82</u> | | <u>12.75 %</u> | <u>12.7 %</u> |
| | 4,554 2 1/2 LOCKNUT | 6.00 | \$287.09 | C | \$17.23 | 0.00 | C | 0.00 | cf | | |
| | 7,914 2 1/2 PVC 40 | 114.00 | \$639.46 | C | \$728.98 | 2.04 | C | 2.33 | cf | | |
| | 7,965 2 1/2 PVC 40 90 ELBOW | 6.00 | \$308.87 | C | \$18.53 | 24.00 | C | 1.44 | cf | | |
| | 8,397 2 1/2 PVC MALE TERM | 6.00 | \$210.46 | C | \$12.63 | 21.60 | C | 1.30 | cf | | |
| | 8,423 2 1/2 PVC COUPLING | 6.00 | \$86.35 | C | \$5.18 | 24.36 | C | 1.46 | cf | | |
| | 8,459 2 1/2 PVC EXP COUPLING | 3.00 | \$2,016.00 | C | \$60.48 | 110.04 | C | 3.30 | cf | | |
| CCode: Lugs/Termination/Ground | | | | | <u>\$14.40</u> | | | <u>17.57</u> | | <u>0.22 %</u> | <u>22.7 %</u> |
| | 9,516 300 MCM TERMINATION | 24.00 | \$0.60 | E | \$14.40 | 0.73 | E | 17.57 | sl | | |
| CCode: Switchgear/Meter | | | | | <u>\$300.00</u> | | | <u>30.14</u> | | <u>4.54 %</u> | <u>38.96 %</u> |
| | 100,080 Xcel Precast Pad/Vault | 1.00 | \$300.00 | | \$300.00 | 30.14 | E | 30.14 | ss | | |
| CCode: Feeder Wire | | | | | <u>\$5,456.12</u> | | | <u>19.84</u> | | <u>82.5 %</u> | <u>25.64 %</u> |
| | 24 300 THHN CU STRANDED | 636.00 | \$8,578.80 | M | \$5,456.12 | 31.20 | M | 19.84 | wf | | |
| | | | | | <u>\$6,613.54</u> | | | <u>77.38</u> | | | |

Bid Summary Report**La Crosse Fire Station #2 Estimator: Jarred G****Job #4860****Job Name:** La Crosse Fire Station #2**Contractor:****Estimator:** Jarred G**Notes:****Bid Date:** 1/6/2022

| Summary Description | Material | | | Labor | | |
|------------------------------|--------------|---------|--------------|----------|---------|----------|
| | Extended | % | Adjusted | Extended | % | Adjusted |
| CE008 CT Cab Relocate Credit | (\$1,441.98) | 100.00% | (\$1,441.98) | -9.24 | 100.00% | -9.24 |

Top Sheet

| | | | |
|-----------------------------|---------------------|-----------------------------|--------|
| Raw Cost | (\$2,910.22) | Sales per Month | \$0.00 |
| Tax | \$0.00 | Return per Month | \$0.00 |
| Raw Cost with Tax | (\$2,910.22) | Price per Square Foot | \$0.00 |
| Overhead | \$0.00 | Hours per Square Foot | 0.00 |
| Profit | \$0.00 | Square Feet | 0.00 |
| Total Return Amount | \$0.00 | Job Months | 0.00 |
| Total Return % | 0.00% | Hours per Week | 0.00 |
| Price | (\$2,910.22) | Workers per Day | 0.00 |
| Bond | \$0.00 | Total Hours | -9.24 |
| Sell Price | (\$2,910.22) | Markup Sales Tax (Overhead) | No |
| Adjusted Sell () | \$0.00 | Markup Sales Tax (Profit) | No |
| Adjusted Sell Return 0.00 % | \$0.00 | Use Bond Table | No |

Labor

| Class Description | Percent of Total | Hours Distributed | Hourly Rate | Burden | | Labor Cost |
|-------------------|------------------|-------------------|-------------|---------|---------|------------|
| | | | | Rate | Percent | |
| Journeyman | 100.00% | (9.24) | \$38.49 | \$29.85 | 77.55% | (\$631.72) |
| Totals | 100.00% | (9.24) | \$38.52 | \$29.85 | 77.55% | (\$631.72) |

Mark Ups

| | OVERHEAD | | | PROFIT | | |
|--------------------|----------------|-------|----------------|--------|--------------|--|
| | Total | % | Amount | % | Amount | |
| Materials | (\$1,441.98) + | 0.00% | (\$1,441.98) + | 0.00% | (\$1,441.98) | |
| Labor | (\$631.72) + | 0.00% | (\$631.72) + | 0.00% | (\$631.72) | |
| Supplier Quotes | (\$836.52) + | 0.00% | (\$836.52) + | 0.00% | (\$836.52) | |
| SubContractors | \$0.00 + | 0.00% | \$0.00 + | 0.00% | \$0.00 | |
| Direct Job Expense | \$0.00 + | 0.00% | \$0.00 + | 0.00% | \$0.00 | |

Bid Summary Report

La Crosse Fire Station #2 Estimator: Jarred G

Job #4860

| | | | | | | | |
|------------------|---------------------|---|--------------|---------------------|---|--------------|---------------------|
| Equipment Rental | \$0.00 | + | 0.00% | \$0.00 | + | 0.00% | \$0.00 |
| Totals | (\$2,910.22) | | 0.00% | (\$2,910.22) | | 0.00% | (\$2,910.22) |

Tax Report

| | Taxed Amount | Tax Rate % | Tax Amount |
|--------------------|--------------|-------------------|---------------|
| Materials | (\$1,441.98) | 0.00% | \$0.00 |
| Labor | (\$631.72) | 0.00% | \$0.00 |
| Supplier Quotes | (\$836.52) | 0.00% | \$0.00 |
| SubContractors | \$0.00 | 0.00% | \$0.00 |
| Direct Job Expense | \$0.00 | 0.00% | \$0.00 |
| Equipment Rental | \$0.00 | 0.00% | \$0.00 |
| | | Total Tax: | \$0.00 |

Supplier Quotes

| Name | Supplier | Tax (0.0 %) | Unit Cost | Multiplier | Amount |
|------------|----------|-------------|------------|---------------|-------------------|
| Switchgear | DSG | Yes | (\$836.52) | 1.00 | (\$836.52) |
| | | | | Total: | (\$836.52) |

Job Name: La Crosse Fire Station #2
 Job Number: 4860
 Extension Name: CE008 CT Cab Relocate Credit

| Item # | Item Name | Quantity | Price 1 | U | Ext Price 1 | Bid Lbr | U | Bid Lbr Ext | CCode | % of Extended Price | % of Extended Hours |
|--|--------------------|----------|------------|---|---------------------|---------|---|--------------|-------|---------------------|---------------------|
| Label Set: Combined, Combined, Combined, Combined, Combined | | | | | (\$1,441.98) | | | -9.24 | | 100 % | 100 % |
| CCode: Branch Rough | | | | | (\$70.00) | | | -5.60 | | 4.85 % | 60.58 % |
| | 69,664 B&B BACKHOE | -70.00 | \$1.00 | | (\$70.00) | 8.00 | C | -5.60 | cb | | |
| CCode: Feeder Rough | | | | | (\$1,371.98) | | | -3.64 | | 95.15 % | 39.42 % |
| | 7,917 4 PVC 40 | -54.00 | \$897.46 | C | (\$484.63) | 2.60 | C | -1.40 | cf | | |
| | 7,918 5 PVC 40 | -70.00 | \$1,267.64 | C | (\$887.35) | 3.20 | C | -2.24 | cf | | |
| CCode: Switchgear/Meter | | | | | \$0.00 | | | 0.00 | | 0 % | 0 % |
| | | | | | (\$1,441.98) | | | -9.24 | | | |



Expiration Date: 01/11/22

Quotation

TO:

B&B ELECTRIC LAC WI
 1303 WESTERN AVE
 EAU CLAIRE, WI 54703-1857

Project Info:

Project: LACROSSE FIRE STATION #2
 Job #: 17139
 Bid Date: 01/06/22
 Bid Time: 02:00 PM CST
 Quoter: Jason Hollermann

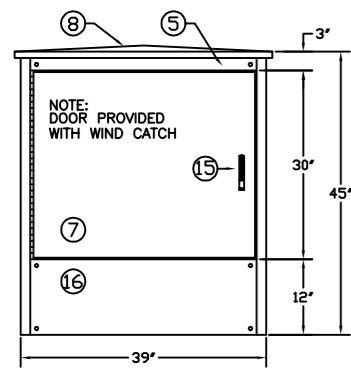
| Type | Quantity | Vendor | Description | Unit or Lot# | Unit Price | Ext Price |
|------------------------------|------------------|---------|--|--------------|--------------|-----------|
| NEW PAD MT CT CAB | 1 | AMP MFG | AMP SCC8-4ACTRL CAB SERVICE CNCTN 800A CT PROV XCEL 2018 W/ 8 LUGS | Unit | 2,902.841/ea | 2,902.84 |
| | 8 | AMP MFG | AMP LA750 LUG MECH 1C 6 - 750MCM (1)#6-750 OR (2)#6-300 Per item quantity: 8 | Unit | 9.239/ea | 73.91 |
| | --- Subtotal --- | | | | | 2,976.75 |
| WALL MT CT CAB | 1 | Stock | AMP WMCT8-4L CT CAB 800 AMP NWCT8-4L | Unit | -836.516/ea | 836.52 |

NEW CT CAB TOTAL= \$2140.23

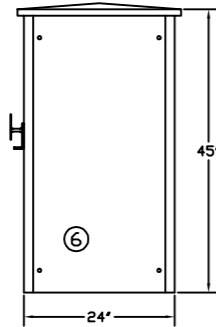
From:

DAKOTA SUPPLY GROUP - LAC
 Phone 608-781-2000
 2727 COMMERCE ST
 LA CROSSE, WI 54603
 Printed By: Jason Hollermann

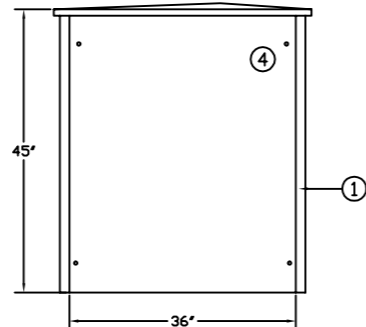
Notes



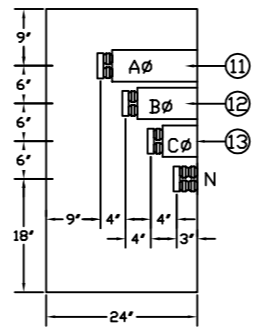
FRONT VIEW



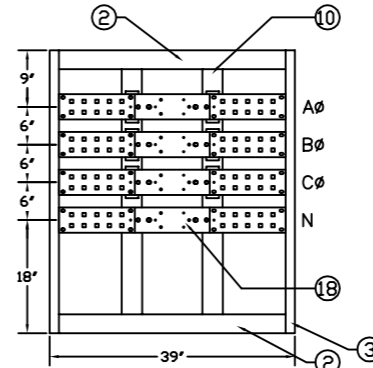
SIDE VIEW



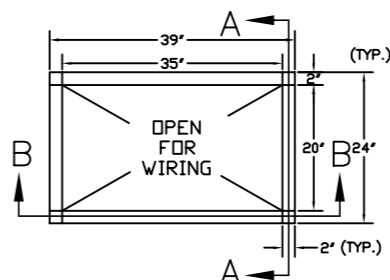
BACK VIEW



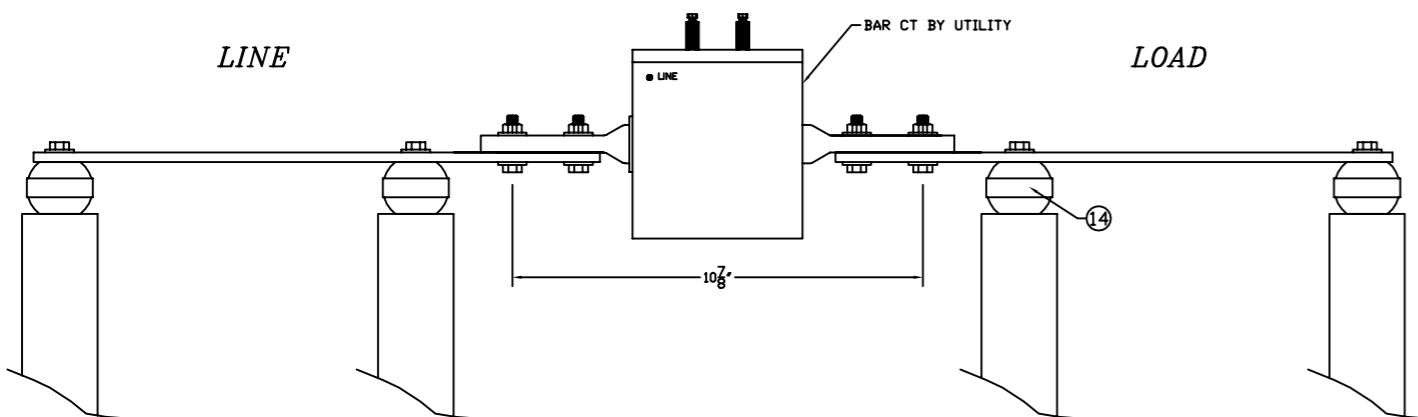
SECTION VIEW A-A



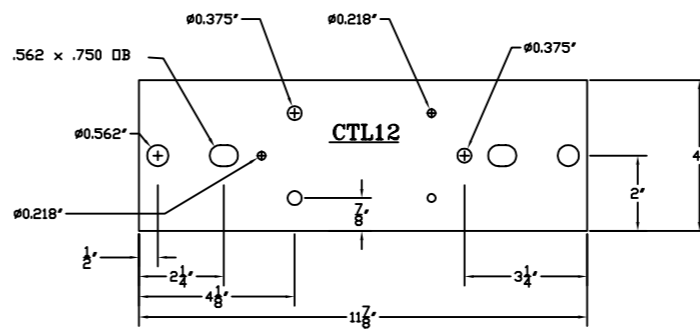
SECTION VIEW B-B



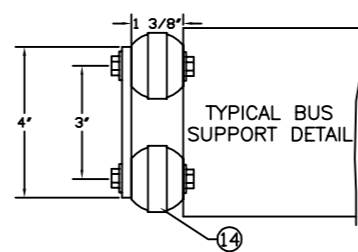
BOTTOM VIEW



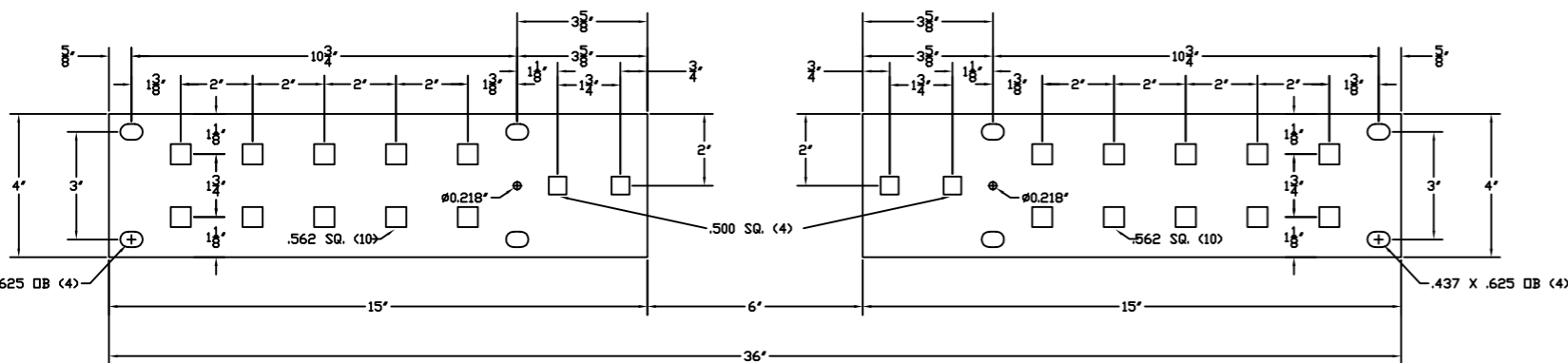
BUS BAR DETAILS



CTL12
REMOVABLE CT LINK



TYPICAL BUS SUPPORT DETAIL



BUS LAYOUT DETAIL

| ITEM | QTY | CATALOG NUMBER | DESCRIPTION | SUPPLIER |
|------|-----|----------------|---------------------------------------|----------|
| 1 | 4 | FUF45GRN | 45" UPRIGHT FRAME MEMBER | AMP |
| 2 | 2 | FFM37 | FRONT FRAME MEMBER | AMP |
| 3 | 4 | FSM22 | SIDE FRAME MEMBER | AMP |
| 4 | 1 | FFP3645GRN | BACK FILLER PLATE | AMP |
| 5 | 1 | FFP3603FGRN | FILLER PLATE | AMP |
| 6 | 2 | FFP2145GRN | SIDE FILLER PLATE | AMP |
| 7 | 1 | FFP3630H3RGRN | HINGED DOOR | AMP |
| 8 | 1 | FT3924GRN | ROOF WITH CROSS HATCH | AMP |
| 9 | 6 | FSCTMB | CT MOUNTING BKT. | AMP |
| 10 | 2 | FBSC | BUS SUPPORT CHANNEL | AMP |
| 11 | 4 | FBMBA | AØ BUS BAR STAND-OFF | AMP |
| 12 | 4 | FBMBB | BØ BUS BAR STAND-OFF | AMP |
| 13 | 4 | FBMBC | CØ BUS BAR STAND-OFF | AMP |
| 14 | 40 | 2137-A4 | STAND-OFF INSULATOR | MAR-BAL |
| 15 | 1 | 72A/2500-1 | PADLOCKABLE HANDLE WITH 3-POINT LATCH | AMP |
| 16 | 1 | FFP3612FGRN | FILLER PLATE | AMP |
| 17 | 2 | FFF37 | FRONT FRAME MEMBER | AMP |
| 18 | 4 | CTL12 | REMOVABLE CT LINK | AMP |
| 19 | | | | |
| 20 | | | | |

| ALUMINUM BUS | 4" AL | COPPER BUS | 4" CU | REQ. LINKS |
|--------------|-------|-----------------|-------------------|---------------|
| AMP RATING | QTY | IN ² | A/IN ² | AMP RATING |
| 800 | 1 | 1 | 800 | 800 |
| | | | | AL. 1/4" x 2" |
| | | | | AL. 1/4" x 2" |
| | | | | 2 |
| | | | | 1 |

SPECIFICATIONS

- CABINET** is free standing NEMA 3R. Frame is 12 gauge steel galvanized steel bolted together and includes leveling provisions. All side plates are pan formed galvanized steel and are bolted to the frame with tamper-resistant zinc plated bolts. Enclosure is primed and painted transformer green enamel.
- SUPPORTING STRUCTURE** for bus bars is bolted to framework such as that any phase bar can be relocated vertically as required to meet job requirements.
- BUS BARS** are electrical grade plated aluminum # 6101T65 per ASTM specifications # B317 supported on 17" centers using double glastic insulators. Copper bus available on special order. Current density is 750A/square inch maximum for Aluminum bus and 1000A/square inch maximum for Copper bus. Each bus bar is punched with 5 sets of 9/16" square holes on 2" horizontally and 1 3/4" centers vertically.
- RATING** is 800A at 600V maximum 3Ø-4W, 3Ø-3W, 1Ø-3W. All cabinets with single bus bar configurations (800A) shall be braced for 50,000A RMS amperes short circuit current rating. All multiple bus bars configuration shall be braced for 85,000A RMS amperes short circuit current rating.
- CONNECTORS** in a range of #2 to 750 MCM are available in set screw type or compression type for field or factory installation. Connectors will be factory installed on right side of bus unless otherwise specified. Up to (10) - 750MCM or (20) - 250MCM conductors can be installed on each side, per bar.
- ADJUSTABLE THROATS** painted transformer green are available to connect to CTC cabinet to the Power Company's transformer. The standard dimensions are 12H" x 12W" adjustable in length from 12" to 23". Other sizes are available on special orders.
- MEETS STANDARDS**
 - ETL listed and labeled conforms to U.I standard 1773 termination boxes
 - Conforms to NEMA standards
 - Meets National Electrical Code requirements
 - Meets Power Company requirements

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| | | | |
|--------------|----------|--|---|
| REV. BY | DATE | JOB NAME: | TITLE: |
| | | UTILITY APPROVAL DRAWING SERVICE CONNECTION CABINET | SERVICE CONNECTION CABINET 'SCC' W/CT PROVISION 800 AMP |
| | | CUSTOMER: | |
| | | . | |
| DRAWN BY: | DATE: | DO NOT SCALE | |
| TK | 06/06/17 | DRAWING | |
| APPROVED BY: | DATE: | SCALE: | CUSTOMER |
| | | NTS | NUMBER: |
| | | DRAWING NUMBER: | |
| | | SCC8-CT4ARL | |
| | | SHEET: 1 OF 1 | |

AMERICAN MIDWEST POWER
3131 VICKSBURG LANE MINNEAPOLIS, MINNESOTA 55447
PHONE (763) 551-1555 FAX (763) 551-9275

From: [Dennis Stevens](#)
To: [Kevin Kuderer](#)
Subject: Re: Quote Request: LaX Fire Station #2 Xfmr Pad and Vault
Date: Thursday, July 7, 2022 5:33:29 PM
Attachments: [image001.png](#)

Pad \$1,150.00
Vault \$1,450.00
Add sales tax

Dennis

Dennis Stevens
Crest Precast, Inc.
Sales Manager
Industrial/ Commercial
262.844.9139 cell
262.246.7183 fax
dennis@crestprecastconcrete.com

From: Kevin Kuderer <kevink@b-belectricinc.com>
Sent: Thursday, July 7, 2022 1:55 PM
To: dennis@crestprecastconcrete.com <dennis@crestprecastconcrete.com>
Subject: Quote Request: LaX Fire Station #2 Xfmr Pad and Vault

Dennis

Looking for a price on this Xcel pad and vault. Can you turn something around ASAP on this please?
Pretty much their standard smaller pad and vault.

Thanks

Kevin Kuderer
B&B Electric, Inc.
Project Manager
Cell (715)577-4392
Holmen Office: (608) 399-3223 or (608)372-4008
Eau Claire Main Office: (715)832-1676



DRAWING CC-50

SECONDARY CONNECTION CABINET AND TRANSFORMER POURED-IN-PLACE PAD 15 & 25 kV for 75-500 kVA In-Line Orientation-Preferred

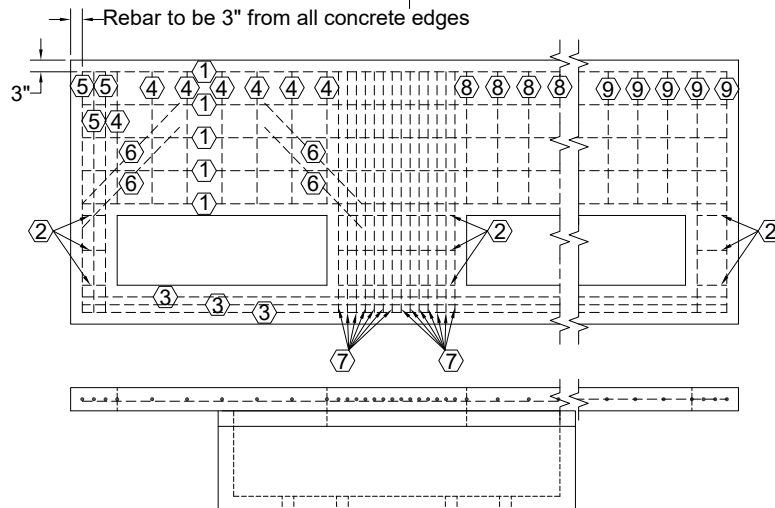
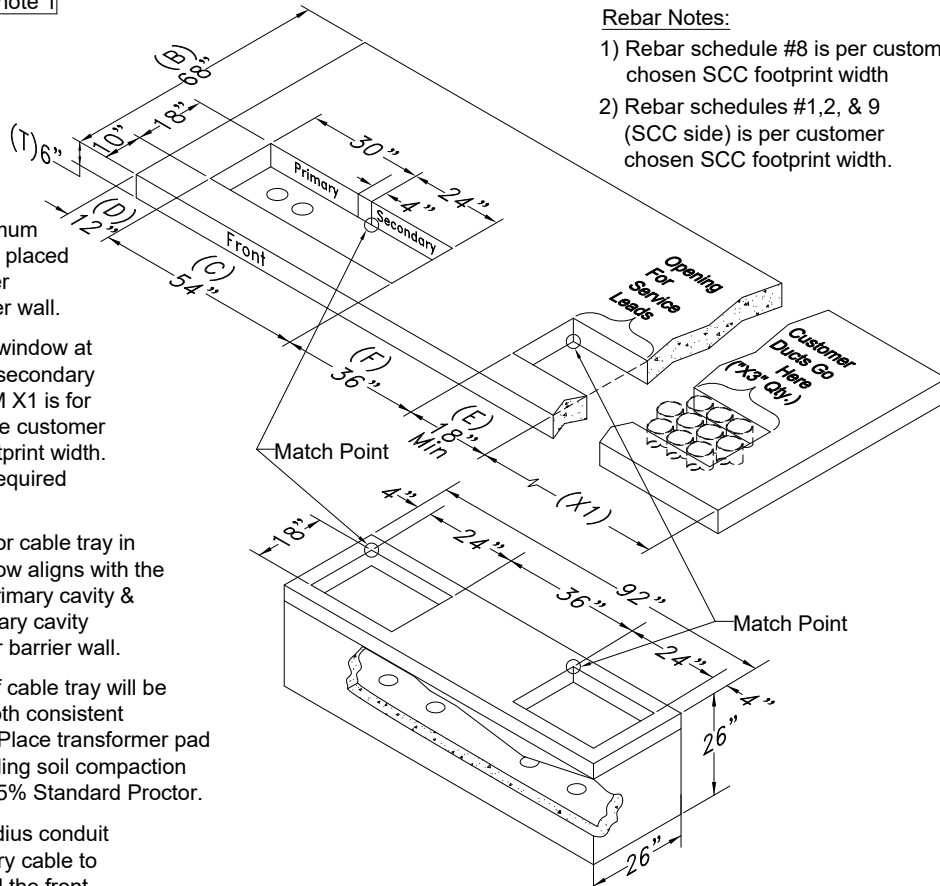
| 15 & 25 kV 75-500 kVA | PAD DIMENSIONS (DIM) | | | | | | | REINFORCED STEEL SCHEDULE | | | | | | | | | |
|--------------------------|----------------------|-----|-----|---------|-----|----|---------------------|---------------------------|------|------|------|------|------|-------------|-------|------|----|
| | A | B | C | D | E | F | T | X1 | ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ |
| 78" See note 1 | 68" | 54" | 12" | 18" Min | 36" | 6" | Bal of SCC width | | 5-#4 | 3-#4 | 3-#4 | 7-#4 | 3-#4 | 2-#4 x 3'0" | 14-#4 | 4-#4 | #4 |

Rebar Notes:

- 1) Rebar schedule #8 is per customer chosen SCC footprint width
- 2) Rebar schedules #1,2, & 9 (SCC side) is per customer chosen SCC footprint width.

Pad Notes:

1. DIM A is maximum transformer width placed on 54" window per transformer barrier wall.
2. DIM E is SCC window at 18" minimum for secondary cable leads. DIM X1 is for the balance of the customer chosen SCC footprint width. X3 is customer required quantity of ducts.
3. Match Points for cable tray in transformer window aligns with the 4" wall into the Primary cavity & flush with Secondary cavity at the transformer barrier wall.
4. Top surface of cable tray will be installed at a depth consistent with the Pour-In-Place transformer pad final grade including soil compaction requirement at 95% Standard Proctor.
5. Two 6" - 36" radius conduit elbows for primary cable to extend 3' beyond the front edge of transformer pad.
6. Concrete shall have a minimum compressive strength of 3000 psi at 28 days. All concrete shall be air entrained (4% to 6% by volume) with a maximum W/C of 0.45.
7. Reinforcing steel shall be furnished in accordance with ASTM A615 Grade 60. Place per schedule within the limits shown. All reinforcing steel shall be uniformly tied to reinforcing steel to prevent displacement during concrete placement.
8. Top surface finish shall be level. Wood float top; do not leave any depressions.





630 Amy Drive
Holmen, WI 54636
(608)372-4008 or (608)399-3223 Fax (715)832-1677
kevink@b-belectricinc.com
www.bandbelectric.com
Equal opportunity employer

**B&B Electric is pleased to provide a quote on the following electrical project:
La Crosse Fire Station #2
CE014: RFI BB-11 Card Access for Door 108-2**

Price Includes:

- Door rough-ins and terminations for (1) each: electric strike, door position switch, and card reader
- Composite cable from IT Room to door 108-2

Not included:

- Door hardware

| | |
|-----------------------------|--------------------------|
| Labor..... | \$834.00 |
| Material | \$75.00 |
| Equipment | \$0.00 |
| Subcontractors | \$468.00 |
| Total | <u>\$1,377.00</u> |

**Thank you for allowing B&B Electric to provide you a quotation for this project.
If you have any questions or concerns, please contact me at 715-577-4392.**

Sincerely,

**Kevin Kuderer
B&B Electric, Inc.
July 19, 2022**

Bid Summary Report**La Crosse Fire Station #2 Estimator: Jarred G****Job #4860****Job Name:** La Crosse Fire Station #2**Contractor:****Estimator:** Jarred G**Notes:****Bid Date:** 1/6/2022

| Summary Description | Material | | | Labor | | |
|---------------------|----------|---------|----------|----------|---------|----------|
| | Extended | % | Adjusted | Extended | % | Adjusted |
| CE014 Door 108-2 | \$65.82 | 100.00% | \$65.82 | 7.81 | 100.00% | 7.81 |

Top Sheet

| | | | |
|-----------------------------|-------------------|-----------------------------|--------|
| Raw Cost | \$1,269.54 | Sales per Month | \$0.00 |
| Tax | \$3.62 | Return per Month | \$0.00 |
| Raw Cost with Tax | \$1,273.16 | Price per Square Foot | \$0.00 |
| Overhead | \$0.00 | Hours per Square Foot | 0.00 |
| Profit | \$104.65 | Square Feet | 0.00 |
| Total Return Amount | \$104.65 | Job Months | 0.00 |
| Total Return % | 7.60% | Hours per Week | 0.00 |
| Price | \$1,377.82 | Workers per Day | 0.00 |
| Bond | \$0.00 | Total Hours | 7.81 |
| Sell Price | \$1,377.82 | Markup Sales Tax (Overhead) | No |
| Adjusted Sell () | \$0.00 | Markup Sales Tax (Profit) | No |
| Adjusted Sell Return 0.00 % | \$0.00 | Use Bond Table | No |

Labor

| Class Description | Percent of Total | Hours Distributed | Hourly Rate | Burden | | Labor Cost |
|----------------------|------------------|-------------------|-------------|--------|---------|------------|
| | | | | Rate | Percent | |
| Journeyman 2022-2023 | 100.00% | 7.81 | \$97.01 | \$0.00 | 0.00% | \$757.73 |
| Totals | 100.00% | 7.81 | \$97.02 | \$0.00 | 0.00% | \$757.73 |

Mark Ups

| | OVERHEAD | | | PROFIT | | |
|--------------------|------------|-------|------------|--------|----------|--|
| | Total | % | Amount | % | Amount | |
| Materials | \$65.82 + | 0.00% | \$65.82 + | 10.00% | \$72.40 | |
| Labor | \$757.73 + | 0.00% | \$757.73 + | 10.00% | \$833.50 | |
| Supplier Quotes | \$446.00 + | 0.00% | \$446.00 + | 5.00% | \$468.30 | |
| SubContractors | \$0.00 + | 0.00% | \$0.00 + | 0.00% | \$0.00 | |
| Direct Job Expense | \$0.00 + | 0.00% | \$0.00 + | 0.00% | \$0.00 | |

Bid Summary Report

La Crosse Fire Station #2 Estimator: Jarred G

Job #4860

| | | | | | | | |
|------------------|-------------------|---|--------------|-------------------|---|--------------|-------------------|
| Equipment Rental | \$0.00 | + | 0.00% | \$0.00 | + | 0.00% | \$0.00 |
| Totals | \$1,269.54 | | 0.00% | \$1,269.54 | | 8.24% | \$1,374.20 |

Tax Report

| | Taxed Amount | Tax Rate % | Tax Amount |
|--------------------|--------------|-------------------|---------------|
| Materials | \$65.82 | 5.50% | \$3.62 |
| Labor | \$757.73 | 0.00% | \$0.00 |
| Supplier Quotes | \$446.00 | 0.00% | \$0.00 |
| SubContractors | \$0.00 | 0.00% | \$0.00 |
| Direct Job Expense | \$0.00 | 0.00% | \$0.00 |
| Equipment Rental | \$0.00 | 0.00% | \$0.00 |
| | | Total Tax: | \$3.62 |

Supplier Quotes

| Name | Supplier | Tax (0.0 %) | Unit Cost | Multiplier | Amount |
|---------------|----------|-------------|-----------|---------------|-----------------|
| Communication | ArchKey | Yes | \$446.00 | 1.00 | \$446.00 |
| | | | | Total: | \$446.00 |

Job Name: La Crosse Fire Station #2

Job Number: 4860

Extension Name: CE014 Door 108-2

| Item # | Item Name | Quantity | Price 2 | U | Ext Price 2 | CO Lbr 1 | U | CO Lbr 1 Ext | CCode | % of Extended Price | % of Extended Hours |
|--|-----------------------------------|----------|----------|---|-----------------------|----------|---|--------------------|-------|---------------------|---------------------|
| Label Set: Combined, Combined, Combined, Combined, Combined | | | | | <u>\$65.82</u> | | | <u>7.81</u> | | <u>100 %</u> | <u>100 %</u> |
| CCode: Branch Rough | | | | | <u>\$53.57</u> | | | <u>1.85</u> | | <u>81.39 %</u> | <u>23.64 %</u> |
| 1,512 | 3/4 EMT | 10.00 | \$129.28 | C | \$12.93 | 3.60 | C | 0.36 | cb | | |
| 1,677 | 3/4 EMT CONN S/S | 1.00 | \$21.83 | C | \$0.22 | 6.00 | C | 0.06 | cb | | |
| 1,942 | 3/4 EMT 1 HOLE STP/STL | 1.00 | \$35.44 | C | \$0.35 | 3.60 | C | 0.04 | cb | | |
| 4,619 | 3/4 BUSH PLASTIC | 1.00 | \$13.18 | C | \$0.13 | 5.88 | C | 0.06 | cb | | |
| 8,614 | 1/2 FLEX STEEL | 18.00 | \$93.59 | C | \$16.85 | 2.40 | C | 0.43 | cb | | |
| 8,642 | 1/2 FLEX SQZ CONN DIE CAST | 3.00 | \$411.88 | C | \$12.36 | 7.20 | C | 0.22 | cb | | |
| 8,694 | 1/2 FLEX 90 CLAMP DIE CAST CONN | 3.00 | \$249.94 | C | \$7.50 | 10.80 | C | 0.32 | cb | | |
| 26,253 | 4/S BOX 2-1/8" DEEP | 2.00 | \$113.17 | C | \$2.26 | 12.00 | C | 0.24 | cb | | |
| 26,257 | 4/S SG MUD RING 3/4"DP | 1.00 | \$58.33 | C | \$0.58 | 6.00 | C | 0.06 | cb | | |
| 26,269 | 4/S BLANK COVER | 1.00 | \$38.87 | C | \$0.39 | 6.00 | C | 0.06 | cb | | |
| CCode: Hangers/Anchors | | | | | <u>\$0.85</u> | | | <u>0.72</u> | | <u>1.29 %</u> | <u>9.22 %</u> |
| 5,447 | #10 X 1 1/2 SCREW | 10.00 | \$4.88 | C | \$0.49 | 0.00 | X | 0.00 | ch | | |
| 5,989 | #8-#12 PLASTIC ANCHOR 100# 1 1/4" | 10.00 | \$3.60 | C | \$0.36 | 7.20 | C | 0.72 | ch | | |
| CCode: Communication/Signal | | | | | <u>\$0.00</u> | | | <u>3.54</u> | | <u>0 %</u> | <u>45.32 %</u> |
| 29,852 | AC WALL-MOUNTED CARD READER | 1.00 | \$0.00 | Q | \$0.00 | 0.78 | E | 0.78 | mc | | |
| 29,864 | AC NEW ELECTRIC DOOR STRIKE | 1.00 | \$0.00 | Q | \$0.00 | 1.98 | E | 1.98 | mc | | |
| 29,871 | AC DOOR CONTACT | 1.00 | \$0.00 | Q | \$0.00 | 0.78 | E | 0.78 | mc | | |
| CCode: Lugs/Termination/Ground | | | | | <u>\$11.40</u> | | | <u>1.70</u> | | <u>17.32 %</u> | <u>21.82 %</u> |
| 9,527 | #16 CONTROL TERMINATON | 16.00 | \$0.60 | E | \$9.60 | 0.08 | E | 1.34 | sl | | |
| 9,534 | 20A WIRE TERMINATION | 3.00 | \$0.60 | E | \$1.80 | 0.12 | E | 0.36 | sl | | |
| | | | | | <u>\$65.82</u> | | | <u>7.81</u> | | | |

