

# FACPAC Contract Change Order Supplemental Information Form (Ref# 57435)

Form Status: Saved

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Tier 1 Project: Phase 6 Additions and Renovations - Project #175-520

BG Number: 21-042

District: Beechwood Independent (HB678)

Status: Active

Phase: Project Initiation (View Checklist)

Contract: DELTA ELECTRICAL CONTRACTORS, LTD, 0216, ELECTRICAL

Type: CM Bid Package

Proposed

Change Order Number	216-03
Time Extension Required	No
Date Of Change Order	2/8/2023
Change Order Amount To Date	Increase

## Construction Contingency

Calculations below are project wide. Remaining negative Construction Contingency may require the submission of a revised BG1.

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Current Approved Amount	\$1,533,894.48
Net Approved COs	\$-7,215.36
Remaining After Approved COs	\$1,541,109.84
Net All COs	\$165,537.54
Remaining After All COs	\$1,368,356.94

This Requested Change Order Amount \$9,983.00

+/-

Change In A/E Fee This Change Order \$0.00

+/-

Change In CM Fee This Change Order \$0.00

+/-

Remaining Construction Contingency    \$2,171,008.00

Balance

Contract Change Requested By            Architect/Engineer

Contract Change Reason Code            Found Condition

Change Order Description And Justification

Per PR#5 provide labor and material cost to relocate electrical feeders per ESI#1.

Cost Benefit To Owner

Contract unit prices have been utilized    No  
to support the cost associated with this  
change order.

## Detailed Cost Breakdown

Contract unit prices have not been utilized, provide a detailed cost breakdown which separates labor, material, profit and overhead.

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Detail Item	Amount	Percent of Total
Labor	\$4,865.00	48.73%
Materials	\$4,893.99	49.02%
Profit and Overhead		0.00%
Bond Insurance	\$224.01	2.24%
<b>Cost Breakdown Total:</b>	<b>\$9,983.00</b>	

Cost for this Change Order supported    No  
by an alternate bid or competitive price  
quote

Explain Why

# Change Order Supplemental Information Form Signature Page (Online Form Ref# 57435)



Architect

2/9/23  
Date



Construction Manager

Construction Manager

2.9.23

Date

Finance Officer

Date

Local Board of Education Designee

Date

# AIA<sup>®</sup> Document G701/CMa<sup>™</sup> – 1992

## Change Order - Construction Manager-Adviser Edition

OWNER ☒  
CONSTRUCTION MANAGER ☐  
ARCHITECT ☐  
CONTRACTOR ☐  
FIELD ☐  
OTHER ☐

**PROJECT** (Name and Address)  
BEECHWOOD INDEPENDENT SCHOOLS PHASE 6B  
54 BEECHWOOD ROAD  
FORT MITCHELL, KY 41017

**CHANGE ORDER NUMBER:** 216-03  
**INITIATION DATE:** 2/8/2023

**TO CONTRACTOR** (Name and Address)  
DELTA ELECTRICAL CONTRACTORS  
4890 Gray Rd.  
Cincinnati, OH 45232


**PROJECT NUMBERS:** 000744  
**CONTRACT DATE:** 5/17/2022  
**CONTRACT FOR:** BID PACKAGE #216 ELECTRICAL

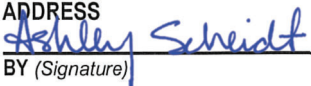
**THE CONTRACT IS CHANGED AS FOLLOWS:** Per PR#5 provide labor and material cost to relocate electrical feeders per ESI#1.


The original Contract Sum was	3,579,818.00
Net change by previously authorized Change Orders	26,585.00
The Contract Sum prior to this Change Order was	3,606,403.00
The Contract Sum will be Increased by this Change Order in the amount of	9,983.00
The new Contract Sum including this Change Order will be	3,616,386.00

The Contract Time will be adjusted by 0 days.  
The date of Substantial Completion as of the date of this Change Order therefore is 4/18/2024.

**NOT VALID UNTIL SIGNED BY THE CONSTRUCTION MANAGER, ARCHITECT, CONTRACTOR AND OWNER.**

CODELL CONSTRUCTION COMPANY  
**CONSTRUCTION MANAGER** (Firm Name)  
4475 ROCKWELL ROAD WINCHESTER, KY 40391  
**ADDRESS**  
  
**BY** (Signature) **2.9.23**  
(Typed Name) **DATE:**

DELTA ELECTRICAL CONTRACTORS  
**CONTRACTOR** (Firm Name)  
4890 Gray Rd. Cincinnati, OH 45232  
**ADDRESS**  
  
**BY** (Signature)  
Ashley Scheidt 02.09.2023  
(Typed Name) **DATE:**

ROBERT EHMET HAYES & ASSOCIATES  
**ARCHITECT** (Firm Name)  
2512 DIXIE HIGHWAY FORT MITCHELL, KY 41017  
**ADDRESS**  
  
**BY** (Signature) **2/9/23**  
(Typed Name) **DATE:**

BEECHWOOD INDEPENDENT SCHOOLS BOARD OF  
**OWNER** (Firm Name)  
50 BEECHWOOD ROAD FORT MITCHELL, KY 41017  
**ADDRESS**  
**BY** (Signature)  
(Typed Name) **DATE:**

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User Notes:

(1884033357)



# AIA<sup>®</sup> Document G709<sup>™</sup> – 2018

## Proposal Request

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**PROJECT:** *(name and address)*

Beechwood Schools  
Phase 6B Improvements  
54 Beechwood Road  
Fort Mitchell, Kentucky 41017

**CONTRACT INFORMATION:**

Contract For: Total Project

Date: October 06, 2020

Architect's Project Number: 175-520

Proposal Request Number: Five (5)

Proposal Request Date: 7/21/22

**OWNER:** *(name and address)*

Beechwood Independent Board of Education  
50 Beechwood Road  
Fort Mitchell, Kentucky 41017

**ARCHITECT:** *(name and address)*

Robert Ehmet Hayes & Associates, PLLC

2512 Dixie Highway  
Fort Mitchell, Kentucky 41017

**CONTRACTOR:** *(name and address)*

Codell Construction Company

4475 Rockwell Road  
Winchester, Kentucky 40391

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The Owner requests an itemized proposal for changes to the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. The Contractor shall submit this proposal within Zero (0) days or notify the Architect in writing of the anticipated date of submission.

*(Insert a detailed description of the proposed modifications to the Contract Documents and, if applicable, attach or reference specific exhibits.)*

Please submit a proposal per the attached ESI #1 from STW.

**THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE, OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.**

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**REQUESTED BY THE ARCHITECT:**

Joseph Ahrens Hayes, Member

**PRINTED NAME AND TITLE**

## Engineering Supplemental Instruction # 001

Beechwood Independent Phase 6B

Ft. Mitchell, Ky

Amy Sanders  
Robert Ehmet Hayes & Associates  
2512 Dixie Highway  
Ft. Mitchell, KY 41017

July 15, 2022

RE: Beechwood electrical panel/conduit relocation

Amy,

We have reviewed Delta's initial pricing for the work pertaining to this ESI. We made comments on the pricing, to which they responded. We stand by our original comments, however, there are still two(2) items we are waiting on from Delta, which we will need to review in their revised price. Please note the bullet-pointed portion below is from Eric Scheidt's email dated June 28<sup>th</sup>, 2022:

1. Provide realistic labor units for lockout/tagout procedure.
  - This will be revised (by Delta per Eric Scheidt)
2. Provide clarification on Unistrut cutting or reduce quantity.
  - This will be reviewed (by Delta per Eric Scheidt)

Please review and issue the following for the Beechwood Independent Phase 6B project:

1. Relocate (2) 150 amp circuits feeding the emergency enclosed circuit breakers labeled LHG and SHG, for the Kitchen cooler and freezer. Circuits shall be intercepted and extended above ceiling as required to be routed outside the demolition area.
2. Per field coordination, the relocated enclosed circuit breakers are to be moved to a permanent location that will be in Mechanical Room 135. All code clearances and requirements shall be adhered to.

Related correspondence attached.

Thanks,

Michael Warren  
Construction Administration



## Jim Smith

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**From:** Jim Smith  
**Sent:** Wednesday, June 29, 2022 11:30 AM  
**To:** Amy Sanders  
**Cc:** Brandon Slusher, PE; Michael Warren  
**Subject:** Re: FW: FW: Pricing for Feeder Relocation (BW Phase 6B)

Amy,

Our original review took into account our estimated lengths and necessary scrap pieces of an installation process, we simply disagree on the length required. It is our opinion that the 270 feet of conduit is beyond what is required, but as previously described it is within reason. Thus, the conductor lengths should be similar or we can agree that a little more may be necessary for connections. We don't see an excess of 80' as being reasonable, it can be installed with better planning for more accuracy. We can also agree that more room in a larger junction box is nice, but not code required. As for estimating methods, we believe Economy of Scale is an obvious factor in pricing work and is applicable. We have a difference of opinion for defining 'very difficult' work. I will agree the justification where the installation is above an existing ceiling it is more than 'normal' open new construction, perhaps the 'difficult' column would be appropriate.

Overall, we believe our original review is accurate and the above reflects our opinions of the deviations that remain. As the deviations impact price, it is our opinion that the proposed price is still high.

Thanks,

Jim

**Jim Smith**  
Electrical  
Shrout Tate Wilson Consulting Engineers  
t: (859) 277-8177 | m: (859) 539-0763  
e: jim.smith@stweng.com | w: www.stweng.com



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**From:** Amy Sanders <aesanders@reharchitects.com>  
**Sent:** Wednesday, June 29, 2022, 8:44 AM  
**To:** Jim Smith <jim.smith@stweng.com>  
**Cc:** Brandon Slusher, PE <brandon.slusher@stweng.com>; Michael Warren <michael.warren@stweng.com>  
**Subject:** FW: FW: FW: Pricing for Feeder Relocation (BW Phase 6B)

Please see below for your additional comment.

---

**From:** Joe Hayes <jahayes@reharchitects.com>  
**Sent:** Wednesday, June 29, 2022 8:37 AM  
**To:** Travis Curry <TCurry@codellconstruction.com>  
**Cc:** Amy Sanders <aesanders@reharchitects.com>  
**Subject:** Re: FW: FW: Pricing for Feeder Relocation (BW Phase 6B)

Amy please work with STW on this.

On Wed, Jun 29, 2022 at 7:58 AM Travis Curry <[TCurry@codellconstruction.com](mailto:TCurry@codellconstruction.com)> wrote:

Joe, below is Delta's response to STW's pricing review comments.

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**From:** Eric Scheidt <[erics@deltaelectrical.us](mailto:erics@deltaelectrical.us)>  
**Sent:** Tuesday, June 28, 2022 5:31 PM  
**To:** Travis Curry <[TCurry@codellconstruction.com](mailto:TCurry@codellconstruction.com)>  
**Subject:** RE: FW: Pricing for Feeder Relocation

Travis

Here is my response to STW

- Switch Labor Units across the board to the NECA Manual of Labor Units 'Normal' category unless justification for the 'Very Difficult' column can be conveyed and accepted.
  - NECA 3 is being used here because it is very difficult work above existing ceilings
- Reduce conductor lengths to match new conduit segments.
  - Conductor lengths are ALWAYS longer than the conduit length
  - Have to take in to account the waste from the pulling heads, splice waste in the boxes, and pulling enough to the bottom of the breakers for terminations
- Provide realistic labor units for lockout/tagout procedure.
  - This will be revised
- Provide clarification on Unistrut cutting or reduce quantity.
  - This will be reviewed
- Change junction box sizes to code minimums.
  - 24 x 24 boxes give more room for the 10 butt splices needed in each box
- Utilize Economy of Scale for the feeder pulls.
  - This is not how we estimate jobs or change orders.

Thank you,

*Eric Scheidt*

Vice President  
DELTA Electrical Contractors, LTD  
4890 Gray Road | Cincinnati, Ohio 45232  
Phone: 513.305.5774 | Fax: 513.421.8400 | [erics@deltaelectrical.us](mailto:erics@deltaelectrical.us)



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**From:** Travis Curry <[TCurry@codellconstruction.com](mailto:TCurry@codellconstruction.com)>  
**Sent:** Tuesday, June 28, 2022 9:22 AM  
**To:** Eric Scheidt <[erics@deltaelectrical.us](mailto:erics@deltaelectrical.us)>  
**Subject:** FW: FW: Pricing for Feeder Relocation

Eric, see below for STW's pricing review comments. An official PR will be issued.

Thanks,



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**From:** Joe Hayes <[jahayes@reharchitects.com](mailto:jahayes@reharchitects.com)>

**Sent:** Tuesday, June 28, 2022 8:30 AM

**To:** Travis Curry <[TCurry@codellconstruction.com](mailto:TCurry@codellconstruction.com)>; Heath Preston <[HPreston@codellconstruction.com](mailto:HPreston@codellconstruction.com)>; Amy Sanders <[aesanders@reharchitects.com](mailto:aesanders@reharchitects.com)>

**Subject:** Fwd: FW: Pricing for Feeder Relocation

This just came in yesterday. Let me know what you think.

----- Forwarded message -----

**From:** Jim Smith <[jim.smith@stweng.com](mailto:jim.smith@stweng.com)>

**Date:** Mon, Jun 27, 2022 at 7:25 PM

**Subject:** RE: FW: Pricing for Feeder Relocation

**To:** Joe Hayes <[jahayes@reharchitects.com](mailto:jahayes@reharchitects.com)>

**Cc:** Amy Sanders <[aesanders@reharchitects.com](mailto:aesanders@reharchitects.com)>, Brandon Slusher, PE <[brandon.slusher@stweng.com](mailto:brandon.slusher@stweng.com)>, Michael Warren <[michael.warren@stweng.com](mailto:michael.warren@stweng.com)>

Joe,

I have reviewed the proposal for Relocation of Kitchen Emergency Feeders as prepared by Delta Electrical Contractors 6/24/22. I have a few comments regarding the pricing. From Michael Warren's site visit with Eric Scheidt, we have the impression that the four individual feeder segments to be rerouted will each need about 50' with a few feet of slack for each end to make up the connections. This is in line with the 270' of 2" conduit that is listed on the proposal. As the existing aluminum conductors can be spliced at the junction boxes with the new, the new conductor/feeder segments need not be longer than the total conduit length (the Delta proposal currently indicates/implies 350' of new feeder). There are a few of other items that stand out as excessive: 16 hours to lock-out/tag-out the two circuits to be relocated, the junction boxes (and associated labor) are oversized (largest code required junction box would be 18"x18"x4" if all conduits in question entered/exited an angle pull of the same junction box) - may be smaller depending on installation situation, and the Unistrut cuts don't seem to line up with quantity of Unistrut required. Crosschecking this against NECA and RS MEANS, it appears to be using the NECA labor units under the column 'Very Difficult' installation. I believe there needs to be some justification for that as it is a substantial difference between the 'Normal' column and 'Very Difficult' column. I also do not see any reduction for Economy of Scale, when pulling in feeder, in this case 4 #3/0 and 1#4 ground, labor is reduced as the single pull is affecting five conductors. RS MEANS, which closely aligns with the NECA labor units, places this reduction at 25%.

So for summary, here is what we believe needs to happen: Revise pricing per the following:

- Switch Labor Units across the board to the NECA Manual of Labor Units 'Normal' category unless justification for the 'Very Difficult' column can be conveyed and accepted.
- Reduce conductor lengths to match new conduit segments.
- Provide realistic labor units for lockout/tagout procedure.
- Provide clarification on Unistrut cutting or reduce quantity.
- Change junction box sizes to code minimums.
- Utilize Economy of Scale for the feeder pulls.

Please let us know if you need additional information.

Thanks,

Jim

**Jim Smith**

Electrical

Shrout Tate Wilson Consulting Engineers

t: (859) 277-8177 | m: (859) 539-0763

e: jim.smith@stweng.com | w: www.stweng.com

**From:** Joe Hayes <[jahayes@reharchitects.com](mailto:jahayes@reharchitects.com)>**Sent:** Friday, June 24, 2022 8:48 AM**To:** Amy Sanders <[aesanders@reharchitects.com](mailto:aesanders@reharchitects.com)>; Brandon Slusher, PE <[brandon.slusher@stweng.com](mailto:brandon.slusher@stweng.com)>; Jim Smith <[jim.smith@stweng.com](mailto:jim.smith@stweng.com)>**Subject:** Fwd: FW: Pricing for Feeder Relocation

STW:

Please review this. I'm going to get shot with this kind of money right out of the gate and they keep telling me that these panels were shown to your team.

----- Forwarded message -----

**From:** Travis Curry <[TCurry@codellconstruction.com](mailto:TCurry@codellconstruction.com)>**Date:** Fri, Jun 24, 2022 at 8:44 AM**Subject:** FW: Pricing for Feeder Relocation**To:** Joseph Hayes <[jahayes@reharchitects.com](mailto:jahayes@reharchitects.com)>**Cc:** Heath Preston <[HPreston@codellconstruction.com](mailto:HPreston@codellconstruction.com)>

Joe, see attached and advise. I assume this work must be completed prior to school starting back?

**Travis Curry**Project Manager | **Codell Construction Company****A:** 4475 Rockwell Road Winchester, KY 40391**P:** 859.744.2222 ext. 239 **C:** 606.794.6715 **F:** 859.744.2225**E:** tcurry@codellconstruction.com **W:** codellconstruction.com**From:** Eric Scheidt <[erics@deltaelectrical.us](mailto:erics@deltaelectrical.us)>**Sent:** Friday, June 24, 2022 8:06 AM**To:** Heath Preston <[HPreston@codellconstruction.com](mailto:HPreston@codellconstruction.com)>**Cc:** Travis Curry <[TCurry@codellconstruction.com](mailto:TCurry@codellconstruction.com)>**Subject:** Pricing for Feeder Relocation

Please see the attached.

Thank you,

*Eric Scheidt*

Vice President

DELTA Electrical Contractors, LTD

4890 Gray Road | Cincinnati, Ohio 45232

Phone: 513.305.5774 | Fax: 513.421.8400 | [erics@deltaelectrical.us](mailto:erics@deltaelectrical.us)



Change Order Review Form  
**PROPOSAL REQUEST**  
**PR #05**

Beechwood Independent Schools Phase 6B (000744)

54 Beechwood Road  
Fort Mitchell, KY 41017

**PR#5 Relocate Electrical Feeder per ESI#1**

**Date: 7/26/2022**

**To: Robert Ehmet Hayes & Associates**

**From: Rebecca Piersall**

**Attn:**

**CC: Travis Curry**

I have reviewed and approved the attachment pricing. Your approval and signature is required in order to process this change order. Please review the pricing and sign below if it is acceptable.

Description	BP	Amount
Avenue Fabricating, Inc.	204	0.00
CARMICLE MASONRY	203	0.00
CDI FLOORING	209	0.00
Conley Painting & Special Coatings, LLC	210	0.00
Delta Electrical Contractors	216	9,983.00
Dixie Roofing, Inc.	205	0.00
Irwin Installation Source	212	0.00
OK Interiors, Inc.	207	0.00
Quality Fire Protection	213	0.00
RISING SUN DEVELOPING, INC.	202	0.00
River City Glass, Inc. dba McAndrews Glass	206	0.00
The Geiler Company	215	0.00
Tramontin Tile	208	0.00

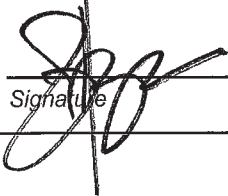
**Summary**

**Total**

Total Days 0.00

9,983.00

Robert Ehmet Hayes & Associates

  
Signature

2/6/23  
DATE:

Codell Construction Company  
**Rebecca Piersall**  
54 Beechwood Road  
Fort Mitchell, KY 41017  
rpiersall@codellconstruction.com

RECEIVED

JAN 19 2023

Robert Ehmet Hayes & Assoc.

Contractor: DELTA Electric  
Submitted By: Eric Scheidt  
Date: 8/23/22  
Project Number: C738



## Beechwood Schools

Note: INCLUDE ALL APPROPRIATE BACKUP INVOICES FOR SUBCONTRACTORS AND MATERIALS

CHANGE PROPOSAL #					
Scope Description: Relocation of Emergency Feeders					
	QTY.	UNIT	RATE	SUBTOTAL	TOTAL
<b>MATERIAL:</b>					
1. SEE ATTACHED	1.00		\$ 4,616.97	\$ 4,616.97	4,616.97
2.				\$ -	
3.				\$ -	
4.				\$ -	
5.				\$ -	
6.				\$ -	
SUBTOTAL:				\$ 4,616.97	4,616.97
<b>TOOLS/ EQUIPMENT:</b>					
1. LIFT	1		\$ -	\$ -	0.00
2.				\$ -	
3.				\$ -	
4.				\$ -	
5.				\$ -	
6.				\$ -	
SUBTOTAL:				\$ -	0.00
<b>LABOR:</b>					
1. Straight Time	40.00	HRS @	\$67.00	\$ 2,680.00	2,680.00
2. Overtime	10.00	HRS @	\$80.00	\$ 800.00	800.00
3. Supervision	8.00	HRS @	\$95.00	\$ 760.00	760.00
4. Double Time	5.00	HRS @	\$125.00	\$ 625.00	625.00
5.		HRS @		\$ -	
6.		HRS @		\$ -	
SUBTOTAL:				\$ 4,865.00	4,865.00
<b>SUB-CONTRACTORS</b>					
1.	1 LS		0	\$ -	0.00
2.	1 LS			\$ -	
3.	1 LS			\$ -	
4.	1 LS			\$ -	
5.	1 LS			\$ -	
6.	1 LS			\$ -	
SUBTOTAL:				\$ -	0.00
<b>SUBTOTALS</b>					
MATERIAL/ TOOLS/ EQUIPMENT SUBTOTAL				\$ 4,616.97	
LABOR SUBTOTAL				\$ 4,865.00	
SUBCONTRACTOR SUBTOTAL				\$ -	
SUBTOTAL:				\$ 9,481.97	\$ 9,481.97
<b>OVERHEAD AND PROFIT</b>					
Percentage					
OVERHEAD AND PROFIT MARKUP				15%	\$ <del>1,422.30</del>
SUBTOTAL:				\$ <del>1,422.30</del>	\$ <del>1,422.30</del>
Percentage					
TAXES:				6.00%	\$ 277.02
COMMERCIAL ACTIVITY TAX				0.00%	\$ -
BOND:				2.00%	\$ 223.63
SUBTOTAL:				\$ 500.64	\$ 500.64
<b>TOTAL COST: \$9,983</b>					

Beechwood Schools Phase 6B : Relocation of Kitchen Emergency Feeders

Job Number: CO105-2

Bid Summary: Default

Extension By Section

Item #	Description	Quantity	Price	U	Ext Price
--- Section #1 ---					
1005	2" EMT	150	571.12	C	856.68
1449	2" Set Screw Steel Conn	6	119.96	C	7.20
1549	2" Set Screw Steel Cplg	15	132.01	C	19.80
1611	2" Plastic Bushing	6	70.63	C	4.24
2364	2" Conduit Hanger w/Bolt	19	130.37	C	24.44
2708	#4 THHN AL Stranded Wire	190	780.07	M	148.21
2713	#3/0 THHN AL Stranded Wire	760	2,256.08	M	1,714.62
4411	#4-1 Wire Termination Labor	4	0.00	E	0.00
4413	#3/0-4/0 Wire Termination Labor	16	0.00	E	0.00
5774	24x24x8" Screw Cover Pull Box-Nema 1	1	299.98	E	299.98
6207	#4 Crimp Splice	4	2.33	E	9.32
6212	#3/0 Crimp Splice	16	6.68	E	106.88
68000	Update As-Built Drawings	1	0.00	E	0.00
82062	Core Drill for 2"	8	60.00	E	480.00
82258	Lockout / Tagout Panel	1	0.00	E	0.00
T0001	Disconnect & Remove Breaker Enclosures	2	0.00	E	0.00
T0002	Cold Shrink Tube for Splice	20	36.00	E	720.00
T0003	Intercept and Remove Existing Feeder	4	50.40	E	201.60
T0004	Clean Up and Debris Removal	1	0.00	E	0.00
T0005	Review and Investigate Existing Conditions	1	24.00	E	24.00
--- Section #1 Total ---					4,616.97
Job Total					
					4,616.97