



400 Patetown Rd.  
Goldsboro, NC 27530  
919.734.8400  
NC GC No. 325

September 17, 2022

### Final Adjusting Change Order Time Extension

To All:

In May of 2022, there were multiple change orders that T.A. Loving Company was directed to quote and once quoted were approved to provide and install. At the time of these change orders requests the plant is up and running and at final completion. The change orders that T.A. Loving Company received were to replace the effluent flowmeter, add a PLC panel to headworks structure, and add a sampling tank at the existing effluent pump station. Once the change order pricing was approved, the materials for each one was released immediately. Due to the supply chain issues that are happening due to the Covid Pandemic the materials have long lead times, and we are still currently waiting for materials to arrive onsite.

T.A. Loving Company proposes to extend the contract to November 27<sup>th</sup>, 2022 (280 Days) due to the effluent flowmeter change order. The Krohne flowmeter was originally scheduled to be onsite end of August and we were notified this month that the flowmeter would not ship until the end of October, 2022 due to the supply chain issues caused by the Covid Pandemic. This flowmeter was ordered in May, 2022 once change order was approved and it had a 12-14 week lead time.

T.A. Loving Company is dedicated to providing a high-quality product while also finishing this project on time. The past year has posed many obstacles due to the Covid-19 outbreak/rain events/change orders. T.A. Loving is requesting a total of 280 days be added to the contract due to the delays we have experienced from Covid/rain/change orders up to this date. This has been a very fast paced project and T.A. Loving Company has done everything we can as a company to meet production needs and to keep this project moving forward. We would like to thank McKim & Creed and Brunswick County Public Utilities Authority for all their hard work in helping us provide a quality wastewater plant system for the people of Brunswick County.

Sincerely,  
Chase Hartley  
Project Engineer  
T.A. Loving Company



Chase Hartley

9/17/22

Chase Hartley

T.A. Loving Signature

Date



8600 Westmoreland Dr. NW  
Concord, NC 28027  
**Phone:** 704-545-4500  
**Fax:** 704-545-8980

# Quotation

Entered	Customer #	Quote #	Page #
5/26/22	111790	338235-00	1
Reference		Prepared By	
Chase Hartley		Nancy Rowe nancy.rowe@accontrols.com	
Account Manager			
Samantha Kieber samantha.kieber@accontrols.com			

Quoted To TA Loving Company 400 Patetown Rd Goldsboro NC 27530	FOB	AC Controls Terms and Conditions of sale to apply. Copy available at <a href="http://accontrols.com/termsandconditions">http://accontrols.com/termsandconditions</a>
	Shipping Point	
	Via	This quotation does not reflect any applicable taxes.
	UPS Grd-Comm	
	Terms	
	TBD	Quote Valid: 30 Days
	Shipping Terms	

Notes
CASH IN ADVANCE PAYMENT TERMS / DOMESTIC SHIPMENT ONLY

Ln	Product #	Description	Lead Time	Qty	Price Each	Line Total
1	337202-1	VN234MA0AD0B112010E0000A 030 Krohne  TIDALFLUX 2300 F DN 500 20" 20" ASME B 16.5 150 lb RF 800 mm 31.50", excl. gaskets & rings Flange Material Steel ASTM A 105 N -5...+60°C +23...+140°F depending on pressure Housing Sheet Metal, Lining PU ID = 0467 mm/18.386" Electrodes Hastelloy C22 fixed electrodes with 2 electrodes construction IP 68 (NEMA 4X/6P) acc. EN 60529 Calibration GK Power supply 100-230 V AC, 50/60 Hz (22 VA)	12-14 weeks	1.00	34,627.00	34,627.00
2	337202-2	VN304GA0430010100000 Krohne  KROHNE flow converter IFC 300 F PF Field housing for wall mounting, with 3 x 100% diagnostic,	12-14 weeks	1.00	4,809.00	4,809.00

[www.accontrols.com](http://www.accontrols.com)

CHARLOTTE, NC  
(P) 704-545-4500  
(F) 704-545-8980

GREENVILLE, NC  
(P) 252-758-8100  
(F) 252-758-8105

CHARLESTON, SC  
(P) 843-971-0380  
(F) 843-971-0980

RICHMOND, VA  
(P) 804-744-5178  
(F) 804-744-5222

Ln	Product #	Description	Lead Time	Qty	Price Each	Line Total
		Empty pipe detection, conductivity Incl. software PACTWARE Accuracy +/- 1,0 % of FS see TDS Power supply 100-230 V AC, 50/60 Hz (85-250 V) - [22 VA], Console with connection 2 x 1/2" NPT + 1 x M16 x 1.5, Excluding 2" pipe mounting material Threaded connection 2 x 1/2" NPT, 1 x M20 x 1,5 with blind plug IP 66/67 (NEMA 4X/6) acc. EN 60529 Cable connection primary Terminal box st.st. 1.4408 316 Communication Basic I/O, Current output HART, active /passive				
3	337202-3	Ring #3 Tidalflex Krohne E-P ring Grounding Ring no.3 (cylindrical) Meter size DN 500 20" Nominal pressure 150 lb ASME Sensor TIDALFLUX 2000 Suitable for mounting in a plastic tube Material St. steel 1.4404 316L Mounting Material without Cable for earthing without Internal diameter tube 500 mm   19.69 inch	12-14 weeks	2.00	1,227.00	2,454.00
					<b>Total</b>	<b>41,890.00</b>

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RICHMOND, VA  
(P) 804-744-5178  
(F) 804-744-5222

Schedule 1: Final Adjusting Change Order No. 3									
<div>Summary of Allowance Expenditures and Final Unit Pay Items</div> <div>NE Brunswick Regional Wastewater Facility Expansion</div>									
Pay Item	Spec Section	Pay Item Description	Unit	Estimated Quantity	Unit Price	Bid Amount	Quantity Used	Used Amount	Add/ (Deduct)
31	GC 38 K	<b>Change Order Allowance</b> PCO 55: Unit Heater Monitoring PCO 56: PLC Breakers PCO 57: Credit for Metal Buildings PCO 58: Credit for Angle at Roll up Doors PCO 59: 6" MJ Cross and Cleanouts PCO 60: 8" Check Valves PCO 61: MCC Heater Modifications PCO 62: Recircuit UV consoles PCO 63: Add 120V to ATAD Blowers PCO 64: Blower PLC programming, Disc Filter Valves, UV PLC PCO 65: 4 Inch FM Elevation Change PCO 66: Stair Landing Grating Change PCO 67: Various Heat Trace Locations	EA	1	\$ 100,000.00	\$ 100,000.00	0.66	\$0.00	-\$65,691.65
32	GC 38 K	<b>CMT Testing Allowance</b>	LS	1	\$ 175,000.00	\$ 175,000.00	0.892	\$ 156,221.64	-\$18,778.36
		<b>Unit Price Items</b>							
34		Undercut Unsuitable Material	CY	5,000	\$ 11.00	\$ 55,000.00	3960.52	\$ 43,565.72	-\$11,434.28
35		Backfill with Suitable Material	CY	5,000	\$ 17.25	\$ 86,250.00	8239	\$ 142,122.75	\$55,872.75
36		Additional Perimeter Stone	SY	730	\$ 19.00	\$ 13,870.00	0	\$ -	-\$13,870.00
37A		Additional No. 57 Stone Negotiated Price	CY		\$ 71.00	\$ -	3772.47	\$ 267,845.37	\$267,845.37
38		Gravel Access	SY	700	\$ 19.00	\$ 13,300.00	926	\$ 17,594.00	\$4,294.00
39		Paved Access Road	SY	7,000	\$ 44.00	\$ 308,000.00	7196.9	\$ 316,663.60	\$8,663.60
40		Additional 4 ft Wide Sidewalk	LF	300	\$ 24.00	\$ 7,200.00	378	\$ 9,072.00	\$1,872.00
41		Additional 6 ft Wide Sidewalk	LF	300	\$ 36.00	\$ 10,800.00	0	\$ -	-\$10,800.00
42		Plant Site Fence	LF	2,600	\$ 31.25	\$ 81,250.00	2965	\$ 92,656.25	\$11,406.25
43		Additional Bollards	EA	26	\$ 180.00	\$ 4,680.00	7	\$ 1,260.00	-\$3,420.00
44		Remove and Dispose of Contaminated Soil	CY	1,200	\$ 120.00	\$ 144,000.00	0	\$ -	-\$144,000.00
								Total	\$166,429.69
Total of Allowance Expenditures and Final Unit Pay Items									\$81,959.68
Total of Additional Contract Work Costs									\$239,025.06
Total Cost of Change Order No. 3									\$320,984.74

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36		Additional Perimeter Stone	SY	730	\$ 19.00	\$ 13,870.00	0	\$ -	-\$13,870.00
37A		Additional No. 57 Stone Negotiated Price	CY		\$ 71.00	\$ -	3772.47	\$ 267,845.37	\$267,845.37
38		Gravel Access	SY	700	\$ 19.00	\$ 13,300.00	926	\$ 17,594.00	\$4,294.00
39		Paved Access Road	SY	7,000	\$ 44.00	\$ 308,000.00	7196.9	\$ 316,663.60	\$8,663.60
40		Additional 4 ft Wide Sidewalk	LF	300	\$ 24.00	\$ 7,200.00	378	\$ 9,072.00	\$1,872.00
41		Additional 6 ft Wide Sidewalk	LF	300	\$ 36.00	\$ 10,800.00	0	\$ -	-\$10,800.00
42		Plant Site Fence	LF	2,600	\$ 31.25	\$ 81,250.00	2965	\$ 92,656.25	\$11,406.25
43		Additional Bollards	EA	26	\$ 180.00	\$ 4,680.00	7	\$ 1,260.00	-\$3,420.00
44		Remove and Dispose of Contaminated Soil	CY	1,200	\$ 120.00	\$ 144,000.00	0	\$ -	-\$144,000.00
								Total	\$166,429.69
Total of Allowance Expenditures and Final Unit Pay Items									\$81,959.68
Total of Additional Contract Work Costs									\$239,025.06
Total Cost of Change Order No. 3									\$320,984.74



## ***REQUEST FOR CHANGE PROPOSAL (RCP)***

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To:	<u>TA Loving Inc.</u>	RCP No.:	<u><b>RCP-31</b></u>
	<u>400 Patetown Rd</u>	Date:	<u>October 12, 2021</u>
	<u>Goldsboro, NC 27530</u>	Project:	<u>Northeast WWTP Plant Expansion</u>
Att.	<u>Mr. David Pittman</u>	Owner:	<u>Brunswick County Public Utilities</u>

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### **Description of Change:** Additional PV and DIP Bend

At Owner's request, provide an additional 30 inch PV installed to facilitate future construction. With the addition of the valve, the existing plant will not need to be shutdown to tie in a new influent line or to isolate the new headworks structure from a future headworks structure.

During the installation of the new discharge force main, an additional ductile iron pipe bend was installed to accommodate a change in direction necessary to avoid the existing force main which was not in the location detailed on the contract drawings.

### **Attachments:** none

### **Pricing:**

Provide a detailed cost breakdown for the requested change in accordance with Contract Requirements.

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***The proposed changes described herein are being considered for the above-noted project. Please advise us promptly of your proposed change in contract price and time to accomplish this work. Note that this is not an order to proceed with the proposed change. Notice-to-proceed will be issued later in the form of a Change Order, if it is decided to proceed with this change.***

---

Owner/Representative

Cc: Bob Tweedy PE, BCPU via/email  
Paul Biagiotti, BCPU via/email  
James Beachum, BCPU via/email  
Tony Boahn PE, MCE via/email  
File: M&C 00069-0047-63A



T. A. Loving Company  
400 Patetown Road / P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order No.: 031  
Rev000

## PROPOSED CHANGE ORDER

Project Name:	Northeast Brunswick Regional WWTP Facility Expansion	TAL Proj. No.	3845
Location:	Navassa, NC	Date	6/11/2021
Owner:	Brunswick County	Drawing No.	
Engineer:	McKim&Creed	Spec. Section	

Reference: RFP No.: \_\_\_\_\_ Work Directive No.: \_\_\_\_\_ Field Order No.: 031 Other Change Request \_\_\_\_\_

PCO TITLE and Description: This Change Order is for adding a 24" MJ 11-1/4 degree bend to the 24" outfall line and having to cut additional asphalt out due to the existing pipe not being located in the ground as the drawings showed. Also in this change order is a 30" MJ plug valve that was not included in the original bid because it was listed as future.

1. LABOR (See attached itemized breakdown) .....	\$0.00
2. MATERIALS (See attached itemized breakdown) .....	\$33,626.25
3. EQUIPMENT/OTHER (See attached itemized breakdown) .....	\$0.00
4. TIME EXTENSION FIELD COSTS** ..... 0 DAYS @ \$0.00 PER DAY .....	\$0.00
5. SUB-TOTAL DIRECT WORK .....	\$33,626.25
6. OVERHEAD & PROFIT ON DIRECT WORK..... 15% .....	\$5,043.94
7. TOTAL DIRECT WORK .....	\$38,670.19

### SUBCONTRACTORS

NAME	DESCRIPTION	INVOICE/PROPOSAL DATE	
8. SUB-TOTAL SUBCONTRACTOR WORK: .....			\$0.00
9. OVERHEAD & PROFIT ON SUBCONTRACTOR WORK..... 5% .....			\$0.00
10. TOTAL SUBCONTRACTOR WORK.....			\$0.00
11. SUB-TOTAL DIRECT AND SUBCONTRACTOR WORK.....			\$38,670.19
12. BOND & INSURANCE: ..... 0.00% of subtotal # 11 .....			\$0.00
13. TOTAL CHANGE PROPOSAL REQUEST.....			\$38,670.19

Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_

\*\* Schedule impact indeterminate at this time. The Contractor reserves its rights to a time extension and extended field costs due to the cumulative effect of changes.

Accepted By:

T. A. Loving Company

\_\_\_\_\_  
Date: \_\_\_\_\_

Brunswick County Public Utilities

\_\_\_\_\_  
Date: \_\_\_\_\_

McKim&Creed

\_\_\_\_\_  
Date: \_\_\_\_\_



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Proposed Change  
Order  
No.: 031  
Rev000

## WORKSHEET SUMMARY

	Quantity	Rate	Unit	
<b>MATERIAL COST</b>				
A. Material (From take off worksheet)				\$31,500.00
B. Miscellaneous/Waste material			of A	\$0.00
C. Freight				\$0.00
D. SUBTOTAL				\$31,500.00
E. Sales Tax	Exempt	6.75%	of D	\$2,126.25
<b>F. TOTAL MATERIAL</b>				<b>\$33,626.25</b>
<b>LABOR COST</b>				
G. Labor (From takeoff worksheet)				\$0.00
H. Small Tools		1.50%	of Labor	\$0.00
I. Clean-up		1.00%	of Labor	\$0.00
J. Safety		1.00%	of Labor	\$0.00
K. Safety Training		0.75%	of Labor	\$0.00
L. Reproduction Costs				\$0.00
M. As-Built Drawings	0	\$73.00	HR	\$0.00
N. Testing		0.00%	of Labor	\$0.00
O. Warranty Work		0.00%	of Labor	\$0.00
P. Punch List		0.00%	of Labor	\$0.00
<b>Q. TOTAL LABOR</b>				<b>\$0.00</b>
<b>EQUIPMENT/OTHER</b>				
R. Equipment (From take off worksheet)				\$0.00
S. Equipment Fuel Surcharge		2.50%	of Equipment	\$0.00
T. Equipment Repairs		2.00%	of Equipment	\$0.00
U. Equipment Yard Work		2.00%	of Equipment	\$0.00
V. Assigned Equipment		0%	of Equipment	\$0.00
W. Other (From take off worksheet)				\$0.00
<b>X. TOTAL EQUIPMENT/OTHER</b>				<b>\$0.00</b>





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Proposed Change  
Order  
No.: 031  
REV00

## TAKE OFF WORKSHEET

ITEM	DESCRIPTION	QTY.	UNIT	MATERIAL		LABOR		EQUIPMENT		OTHER	
				UNIT COST	TOTAL COST	LABOR RATE	TOTAL COST	UNIT COST	TOTAL COST	UNIT	TOTAL COST
			EA		\$0.00		0.00		0.00		0.00
	30" MJ Plug Valve	1	EA	\$31,500.00	\$31,500.00		0.00		0.00		
			SY				0.00				
			SY				0.00		0.00		
					31,500.00		0.00		0.00		0.00



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Proposed Change  
Order  
No.: 031  
Rev000

## TIME ANALYSIS

### SCHEDULE IMPACT NARRATIVE:

This will effect the schedule by 4 days.

TOTAL DAYS 0



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Proposed Change  
Order  
No.: 031  
Rev00

## TIME EXTENSION FIELD COSTS

				Qty	Units	Unit Cost	Cost/Wk	Cost/Mo	Cost Per Day
	Site Project Manager			#####	HR	\$ 132.00			1056
	Superintendent			#####	HR	\$ 232.00			1856
	Project Engineer			#####	HR	\$ 90.00			720
	Surveyor				HR				
	Foreman			#####	HR	\$ 178.00			1424
	Subsistence/Per Diem( 5men)				DY				\$ -
	Hotel/Apartment Rent (1 Room)				DY				
	Hotel/Apartment Utilities								
	Apartment Furnishings								
	Temp Office Trailer								
	Temp Engineers Trailer								
	Temp Storage Trailer								
	Temp Utilities								
	Portable Toilets								
	Cellular Phones								
	Office Supplies								
	Office Equipment misc								
	Fax Machine								
	Copy Machine								
	Computer & Internet								
	Printer								
	Safety								
	Employee Drug Testing								
	Daily Cleanup								
	Dumpster								
	Drinking Water								
	Ice & Cups								
	Pick-Up Trucks								
	Gas & Oil								
	Equipment Repair								
	Warranty Extensions								
	Builders Risk Insurance								\$ -
TOTAL SITE GENERAL CONDITIONS COST PER DAY									\$0.00



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Proposed Change  
Order No.: 068  
Rev000

## PROPOSED CHANGE ORDER

Project Name: Northeast Brunswick Regional WWTP Facility Expansion  
Location: Navassa, NC  
Owner: Brunswick County  
Engineer: McKim&Creed

TAL Proj. No. 3845  
Date 5/26/2022  
Drawing No.  
Spec. Section

Reference: RFP No.: \_\_\_\_\_ Work Directive No.: \_\_\_\_\_ Field Order No.: 068 Other Change Request \_\_\_\_\_

PCO TITLE and Description: This Change Order is for switching out the Effluent Pump Station Flowmeter from a Siemens to a Krone Tidalflex Flowmeter. The lead time for the flowmeter is 12 to 14 weeks which pushes back the final completion date. T.A. Loving requests that the contract date be pushed back to the end of August, 2022.

1. LABOR (See attached itemized breakdown) .....	\$2,600.00
2. MATERIALS (See attached itemized breakdown) .....	\$46,212.08
3. EQUIPMENT/OTHER (See attached itemized breakdown) .....	\$2,217.33
4. TIME EXTENSION FIELD COSTS** ..... 0 DAYS @ \$0.00 PER DAY .....	\$0.00
5. SUB-TOTAL DIRECT WORK .....	\$51,029.41
6. OVERHEAD & PROFIT ON DIRECT WORK..... 12% .....	\$6,123.53
7. TOTAL DIRECT WORK .....	\$57,152.94

### SUBCONTRACTORS

NAME	DESCRIPTION	INVOICE/PROPOSAL DATE	
Melton Electric, Inc.	Magmeter Swap EFFPS	5/23/2022	
			\$1,398.89

8. SUB-TOTAL SUBCONTRACTOR WORK: .....	\$1,398.89
9. OVERHEAD & PROFIT ON SUBCONTRACTOR WORK..... 5% .....	\$69.94
10. TOTAL SUBCONTRACTOR WORK.....	\$1,468.83
11. SUB-TOTAL DIRECT AND SUBCONTRACTOR WORK.....	\$58,621.77
12. BOND & INSURANCE: ..... 0.00% of subtotal # 11 .....	\$0.00
13. TOTAL CHANGE PROPOSAL REQUEST.....	\$58,621.77

Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_

\*\* Schedule impact indeterminate at this time. The Contractor reserves its rights to a time extension and extended field costs due to the cumulative effect of changes.

Accepted By:

T. A. Loving Company

Date: \_\_\_\_\_

Brunswick County Public Utilities

Date: \_\_\_\_\_

McKim&Creed

Date: \_\_\_\_\_



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Proposed Change  
Order  
No.: 067  
Rev000

## WORKSHEET SUMMARY

	Quantity	Rate	Unit	
<b>MATERIAL COST</b>				
A. Material (From take off worksheet)				\$43,290.00
B. Miscellaneous/Waste material			of A	\$0.00
C. Freight				\$0.00
D. SUBTOTAL				\$43,290.00
E. Sales Tax	Exempt	6.75%	of D	\$2,922.08
<b>F. TOTAL MATERIAL</b>				<b>\$46,212.08</b>
<b>LABOR COST</b>				
G. Labor (From takeoff worksheet)				\$2,600.00
H. Small Tools			of Labor	\$0.00
I. Clean-up			of Labor	\$0.00
J. Safety			of Labor	\$0.00
K. Safety Training			of Labor	\$0.00
L. Reproduction Costs				\$0.00
M. As-Built Drawings	0	\$73.00	HR	\$0.00
N. Testing		0.00%	of Labor	\$0.00
O. Warranty Work		0.00%	of Labor	\$0.00
P. Punch List		0.00%	of Labor	\$0.00
<b>Q. TOTAL LABOR</b>				<b>\$2,600.00</b>
<b>EQUIPMENT/OTHER</b>				
R. Equipment (From take off worksheet)				\$2,082.00
S. Equipment Fuel Surcharge		2.50%	of Equipment	\$52.05
T. Equipment Repairs		2.00%	of Equipment	\$41.64
U. Equipment Yard Work		2.00%	of Equipment	\$41.64
V. Assigned Equipment		0%	of Equipment	\$0.00
W. Other (From take off worksheet)				\$0.00
<b>X. TOTAL EQUIPMENT/OTHER</b>				<b>\$2,217.33</b>



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Proposed Change  
 Order  
 No.: 067  
 REV00

## TAKE OFF WORKSHEET

ITEM	DESCRIPTION	QTY.	UNIT	MATERIAL		LABOR		EQUIPMENT		OTHER	
				UNIT COST	TOTAL COST	LABOR RATE	TOTAL COST	UNIT COST	TOTAL COST	UNIT	TOTAL COST
	20" Krohne Flowmeter	1	LS	\$43,290.00	\$43,290.00						0.00
	Foreman	8	HR		\$0.00	\$89.00	712.00		0.00		
	Labor - Skilled x 3	24	HR		\$0.00	\$40.00	960.00		0.00		
	Superintendent	8	HR		\$0.00	\$116.00	928.00		0.00		
	Pickup Truck (3/4 Ton)	1	DY		\$0.00		0.00	\$408.00	408.00		
	Rubber Tire Backhoe	2	DY		\$0.00		0.00	\$837.00	1,674.00		
	Insurance (July and August)	2	MO		\$0.00		0.00		0.00		0.00
					43,290.00		2,600.00		2,082.00		0.00



T. A. Loving Company  
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Proposed Change  
Order  
No.: 068  
Rev000

## TIME ANALYSIS

### SCHEDULE IMPACT NARRATIVE:

This will effect the schedule by 98 days.

TOTAL DAYS 98



T. A. Loving Company  
400 Patetown Road P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order  
No.: 068  
Rev00

## TIME EXTENSION FIELD COSTS

				Qty	Units	Unit Cost	Cost/Wk	Cost/Mo	Cost Per Day
	Site Project Manager			#####	HR	\$ 132.00			1056
	Superintendent			#####	HR	\$ 232.00			1856
	Project Engineer			#####	HR	\$ 90.00			720
	Surveyor				HR				
	Foreman			#####	HR	\$ 178.00			1424
	Subsistence/Per Diem( 5men)				DY				\$ -
	Hotel/Apartment Rent (1 Room)				DY				
	Hotel/Apartment Utilities								
	Apartment Furnishings								
	Temp Office Trailer								
	Temp Engineers Trailer								
	Temp Storage Trailer								
	Temp Utilities								
	Portable Toilets								
	Cellular Phones								
	Office Supplies								
	Office Equipment misc								
	Fax Machine								
	Copy Machine								
	Computer & Internet								
	Printer								
	Safety								
	Employee Drug Testing								
	Daily Cleanup								
	Dumpster								
	Drinking Water								
	Ice & Cups								
	Pick-Up Trucks								
	Gas & Oil								
	Equipment Repair								
	Warranty Extensions								
	Builders Risk Insurance								\$ -
TOTAL SITE GENERAL CONDITIONS COST PER DAY									\$0.00





## ***REQUEST FOR CHANGE PROPOSAL (RCP)***

---

To: TA Loving Inc.	RCP No.: <b>RCP-40 REV. 2</b>
400 Patetown Rd	Date: May 26, 2022
Goldsboro, NC 27530	Project: Northeast WWTP Plant Expansion
Att. Mr. David Pittman	Owner: Brunswick County Public Utilities

---

**Description of Change:** Owner requests the operation of the influent screens be modified to allow for PLC based sequential operation verses the current dedicated float control operation.

### **OVERVIEW**

The three (3) influent screens currently operate individually to control the level in the influent channel by using individual floats. The Owner has requested the operations to be modified so that a new PLC control panel will operate the existing influent screens.

### **LOCATION**

See attached drawings for mounting location of panel and transmitters, signal wiring, and power wiring.

### **NETWORKING**

New control panel will be wiring back to PLC 1 using existing fiber optic duct banks. The proposed location for connection is DB-120 via MH-110.

**Attachments:** Screen Control Modification Diagram, Sheets IO1.3 and 4, E05.A, E4.06A, Environ Care Panel Drawings, and Specifications

### **Pricing:**

Provide a detailed cost breakdown for the requested change in accordance with Contract Requirements.

---

***The proposed changes described herein are being considered for the above-noted project. Please advise us promptly of your proposed change in contract price and time to accomplish this work. Note that this is not an order to proceed with the proposed change. Notice-to-proceed will be issued later in the form of a Change Order, if it is decided to proceed with this change.***

---

Owner/Representative

Cc: James Beachum, BCPU via/email  
Tony Boahn PE, MCE via/email  
File: M&C 00069-0047-63A



T. A. Loving Company  
400 Patetown Road / P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order No.: 069  
Rev000

## PROPOSED CHANGE ORDER

Project Name:	Northeast Brunswick Regional WWTP Facility Expansion	TAL Proj. No.	3845
Location:	Navassa, NC	Date	6/8/2022
Owner:	Brunswick County	Drawing No.	
Engineer:	McKim&Creed	Spec. Section	

Reference: RFP No.: \_\_\_\_\_ Work Directive No.: \_\_\_\_\_ Field Order No.: 069 Other Change Request \_\_\_\_\_

PCO TITLE and Description: This Change Order is for providing a new PLC at the headworks to alternate use of the drum screens. PLC has a estimated ship date of 8/19/22. T.A. Loving requests that contract completion date be moved to the completion date of this change order.

1. LABOR (See attached itemized breakdown) .....	\$1,844.00
2. MATERIALS (See attached itemized breakdown) .....	\$0.00
3. EQUIPMENT/OTHER (See attached itemized breakdown) .....	\$1,150.20
4. TIME EXTENSION FIELD COSTS** ..... 0 DAYS @ \$0.00 PER DAY .....	\$0.00
5. SUB-TOTAL DIRECT WORK .....	\$2,994.20
6. OVERHEAD & PROFIT ON DIRECT WORK..... 15% .....	\$449.13
7. TOTAL DIRECT WORK .....	\$3,443.33

### SUBCONTRACTORS

NAME	DESCRIPTION	INVOICE/PROPOSAL DATE	
Melton Electric, Inc.	Barscreen Automation	6/7/2022	
			\$29,205.41
Piedmont Automation	RCP - 40 Rev. 2	6/2/2022	\$22,000.00
R.L. Haire Electric & Controls LLC	RCP - 40 Rev. 2	6/7/2022	\$9,170.00

8. SUB-TOTAL SUBCONTRACTOR WORK: .....	\$60,375.41
9. OVERHEAD & PROFIT ON SUBCONTRACTOR WORK..... 5% .....	\$3,018.77
10. TOTAL SUBCONTRACTOR WORK.....	\$63,394.18
11. SUB-TOTAL DIRECT AND SUBCONTRACTOR WORK.....	\$66,837.51
12. BOND & INSURANCE: ..... 0.00% of subtotal # 11 .....	\$0.00
13. TOTAL CHANGE PROPOSAL REQUEST.....	\$66,837.51

Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_

\*\* Schedule impact indeterminate at this time. The Contractor reserves its rights to a time extension and extended field costs due to the cumulative effect of changes.

Accepted By:

T. A. Loving Company

Date: \_\_\_\_\_

Brunswick County Public Utilities

Date: \_\_\_\_\_

McKim&Creed

Date: \_\_\_\_\_



T. A. Loving Company  
400 Patetown Road P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order  
No.: 069  
Rev000

## WORKSHEET SUMMARY

	Quantity	Rate	Unit	
<b>MATERIAL COST</b>				
A. Material (From take off worksheet)				\$0.00
B. Miscellaneous/Waste material			of A	\$0.00
C. Freight				\$0.00
D. SUBTOTAL				\$0.00
E. Sales Tax	Exempt	6.75%	of D	\$0.00
<b>F. TOTAL MATERIAL</b>				<b>\$0.00</b>
<b>LABOR COST</b>				
G. Labor (From takeoff worksheet)				\$1,844.00
H. Small Tools			of Labor	\$0.00
I. Clean-up			of Labor	\$0.00
J. Safety			of Labor	\$0.00
K. Safety Training			of Labor	\$0.00
L. Reproduction Costs				\$0.00
M. As-Built Drawings	0	\$73.00	HR	\$0.00
N. Testing		0.00%	of Labor	\$0.00
O. Warranty Work		0.00%	of Labor	\$0.00
P. Punch List		0.00%	of Labor	\$0.00
<b>Q. TOTAL LABOR</b>				<b>\$1,844.00</b>
<b>EQUIPMENT/OTHER</b>				
R. Equipment (From take off worksheet)				\$1,080.00
S. Equipment Fuel Surcharge		2.50%	of Equipment	\$27.00
T. Equipment Repairs		2.00%	of Equipment	\$21.60
U. Equipment Yard Work		2.00%	of Equipment	\$21.60
V. Assigned Equipment		0%	of Equipment	\$0.00
W. Other (From take off worksheet)				\$0.00
<b>X. TOTAL EQUIPMENT/OTHER</b>				<b>\$1,150.20</b>



T. A. Loving Company  
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 Goldsboro NC 27533-0919  
 919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
 Order  
 No.: 069  
 REV00

## TAKE OFF WORKSHEET

ITEM	DESCRIPTION	QTY.	UNIT	MATERIAL		LABOR		EQUIPMENT		OTHER	
				UNIT COST	TOTAL COST	LABOR RATE	TOTAL COST	UNIT COST	TOTAL COST	UNIT	TOTAL COST
	Foreman	8	HR		\$0.00	\$89.00	712.00				0.00
	Labor - Skilled x 2	16	HR		\$0.00	\$40.00	640.00		0.00		
	Pickup Truck	8	HR		\$0.00		0.00	\$135.00	1,080.00		
	Project Engineer	4	HR		\$0.00	\$90.00	360.00		0.00		
	Project Manager	1	HR		\$0.00	\$132.00	132.00		0.00		
			DY		\$0.00		0.00		0.00		
			MO		\$0.00		0.00		0.00		0.00
					0.00		1,844.00		1,080.00		0.00



T. A. Loving Company  
400 Patetown Road P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order  
No.: 069  
Rev000

## TIME ANALYSIS

### SCHEDULE IMPACT NARRATIVE:

This will effect the schedule by 98 days.

TOTAL DAYS 98



T. A. Loving Company  
400 Patetown Road P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order  
No.: 069  
Rev00

## TIME EXTENSION FIELD COSTS

				Qty	Units	Unit Cost	Cost/Wk	Cost/Mo	Cost Per Day
	Site Project Manager			#####	HR	\$ 132.00			1056
	Superintendent			#####	HR	\$ 232.00			1856
	Project Engineer			#####	HR	\$ 90.00			720
	Surveyor				HR				
	Foreman			#####	HR	\$ 178.00			1424
	Subsistence/Per Diem( 5men)				DY			\$	-
	Hotel/Apartment Rent (1 Room)				DY				
	Hotel/Apartment Utilities								
	Apartment Furnishings								
	Temp Office Trailer								
	Temp Engineers Trailer								
	Temp Storage Trailer								
	Temp Utilities								
	Portable Toilets								
	Cellular Phones								
	Office Supplies								
	Office Equipment misc								
	Fax Machine								
	Copy Machine								
	Computer & Internet								
	Printer								
	Safety								
	Employee Drug Testing								
	Daily Cleanup								
	Dumpster								
	Drinking Water								
	Ice & Cups								
	Pick-Up Trucks								
	Gas & Oil								
	Equipment Repair								
	Warranty Extensions								
	Builders Risk Insurance							\$	-
TOTAL SITE GENERAL CONDITIONS COST PER DAY									\$0.00



## ***REQUEST FOR CHANGE PROPOSAL (RCP)***

---

To: TA Loving Inc.	RCP No.: <b>RCP-43</b>
400 Patetown Rd	Date: June 1, 2022
Goldsboro, NC 27530	Project: Northeast WWTP Plant Expansion
Att. Mr. David Pittman	Owner: Brunswick County Public Utilities

---

**Description of Change:** Owner requests pricing to provide and install a combined sampling station as detailed on the attachment.

**Attachments:** NPW Sampler Exhibit

**Pricing:**

Provide a detailed cost breakdown for the requested change in accordance with Contract Requirements.

---

*The proposed changes described herein are being considered for the above-noted project. Please advise us promptly of your proposed change in contract price and time to accomplish this work. Note that this is not an order to proceed with the proposed change. Notice-to-proceed will be issued later in the form of a Change Order, if it is decided to proceed with this change.*

---

Owner/Representative

Cc: James Beachum, BCPU via/email  
Tony Boahn PE, MCE via/email







T. A. Loving Company  
400 Patetown Road / P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order No.: 070  
Rev000

## PROPOSED CHANGE ORDER

Project Name:	Northeast Brunswick Regional WWTP Facility Expansion	TAL Proj. No.	3845
Location:	Navassa, NC	Date	6/23/2022
Owner:	Brunswick County	Drawing No.	
Engineer:	McKim&Creed	Spec. Section	

Reference: RFP No.: \_\_\_\_\_ Work Directive No.: \_\_\_\_\_ Field Order No.: 070 Other Change Request \_\_\_\_\_

PCO TITLE and Description: This Change Order is for installing a sampler tank and piping to tie into existing and new plant's NPW system to allow for the plant operators to pull one sample from both plants. Delivery of stainless steel enclosure is 4 weeks.

1. LABOR (See attached itemized breakdown) .....	\$5,692.00
2. MATERIALS (See attached itemized breakdown) .....	\$9,365.83
3. EQUIPMENT/OTHER (See attached itemized breakdown) .....	\$4,398.45
4. TIME EXTENSION FIELD COSTS** ..... 0 DAYS @ \$0.00 PER DAY .....	\$0.00
5. SUB-TOTAL DIRECT WORK .....	\$19,456.28
6. OVERHEAD & PROFIT ON DIRECT WORK..... 15% .....	\$2,918.44
7. TOTAL DIRECT WORK .....	\$22,374.72

### SUBCONTRACTORS

NAME	DESCRIPTION	INVOICE/PROPOSAL DATE	
8. SUB-TOTAL SUBCONTRACTOR WORK: .....			\$0.00
9. OVERHEAD & PROFIT ON SUBCONTRACTOR WORK..... 5% .....			\$0.00
10. TOTAL SUBCONTRACTOR WORK.....			\$0.00
11. SUB-TOTAL DIRECT AND SUBCONTRACTOR WORK.....			\$22,374.72
12. BOND & INSURANCE: ..... 0.00% of subtotal # 11 .....			\$0.00
13. TOTAL CHANGE PROPOSAL REQUEST.....			\$22,374.72

Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_

\*\* Schedule impact indeterminate at this time. The Contractor reserves its rights to a time extension and extended field costs due to the cumulative effect of changes.

Accepted By:

T. A. Loving Company

\_\_\_\_\_  
Date: \_\_\_\_\_

Brunswick County Public Utilities

\_\_\_\_\_  
Date: \_\_\_\_\_

McKim&Creed

\_\_\_\_\_  
Date: \_\_\_\_\_



T. A. Loving Company  
 400 Patetown Road P.O. Drawer 919  
 Goldsboro NC 27533-0919  
 919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
 Order  
 No.: 070  
 Rev000

## WORKSHEET SUMMARY

	Quantity	Rate	Unit	
<b>MATERIAL COST</b>				
A. Material (From take off worksheet)				\$8,773.61
B. Miscellaneous/Waste material			of A	\$0.00
C. Freight				\$0.00
D. SUBTOTAL				\$8,773.61
E. Sales Tax	Exempt	6.75%	of D	\$592.22
<b>F. TOTAL MATERIAL</b>				<b>\$9,365.83</b>
<b>LABOR COST</b>				
G. Labor (From takeoff worksheet)				\$5,692.00
H. Small Tools			of Labor	\$0.00
I. Clean-up			of Labor	\$0.00
J. Safety			of Labor	\$0.00
K. Safety Training			of Labor	\$0.00
L. Reproduction Costs				\$0.00
M. As-Built Drawings	0	\$73.00	HR	\$0.00
N. Testing		0.00%	of Labor	\$0.00
O. Warranty Work		0.00%	of Labor	\$0.00
P. Punch List		0.00%	of Labor	\$0.00
<b>Q. TOTAL LABOR</b>				<b>\$5,692.00</b>
<b>EQUIPMENT/OTHER</b>				
R. Equipment (From take off worksheet)				\$4,130.00
S. Equipment Fuel Surcharge		2.50%	of Equipment	\$103.25
T. Equipment Repairs		2.00%	of Equipment	\$82.60
U. Equipment Yard Work		2.00%	of Equipment	\$82.60
V. Assigned Equipment		0%	of Equipment	\$0.00
W. Other (From take off worksheet)				\$0.00
<b>X. TOTAL EQUIPMENT/OTHER</b>				<b>\$4,398.45</b>



T. A. Loving Company  
 400 Patetown Road P.O. Drawer 919  
 Goldsboro NC 27533-0919  
 919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
 Order  
 No.: 067  
 REV00

## TAKE OFF WORKSHEET

ITEM	DESCRIPTION	QTY.	UNIT	MATERIAL		LABOR		EQUIPMENT		OTHER	
				UNIT COST	TOTAL COST	LABOR RATE	TOTAL COST	UNIT COST	TOTAL COST	UNIT	TOTAL COST
	Stainless Steel Enclosure (2' x 2' x 6")	1	LS	\$803.36	\$803.36						0.00
	Piping, fittings, and flow gauges	1	LS	\$3,887.51	\$3,887.51		0.00		0.00		
	Misc. Piping Accessories	1	LS	\$200.00	\$200.00						
	Sampler Tank	1	LS	\$3,132.74	\$3,132.74		0.00		0.00		
	Foreman	16	HR		\$0.00	\$89.00	1,424.00		0.00		
	Labor Skilled x 3	48	HR		\$0.00	\$40.00	1,920.00		0.00		
	Superintendent	16	HR		\$0.00	\$116.00	1,856.00		0.00		
	Project Engineer	4	HR		\$0.00	\$90.00	360.00		0.00		0.00
	Project Manager	1	HR		\$0.00	\$132.00	132.00		0.00		
	Pickup Truck	2	DY		\$0.00			\$408.00	816.00		
	Rubber Tire Backhoe	2	DY		\$0.00			\$837.00	1,674.00		
	Hyd. Backhoe (Mini - 20K)	2	DY		\$0.00			\$820.00	1,640.00		
	Core Drill	1	LS	\$750.00	\$750.00						
		1	LS		\$0.00						
					<b>8,773.61</b>		<b>5,692.00</b>		<b>4,130.00</b>		<b>0.00</b>



T. A. Loving Company  
400 Patetown Road P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order  
No.: 070  
Rev000

## TIME ANALYSIS

### SCHEDULE IMPACT NARRATIVE:

This will effect the schedule by 30 days.

TOTAL DAYS 30



T. A. Loving Company  
400 Patetown Road P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order  
No.: 070  
Rev00

## TIME EXTENSION FIELD COSTS

				Qty	Units	Unit Cost	Cost/Wk	Cost/Mo	Cost Per Day
	Site Project Manager			#####	HR	\$ 132.00			1056
	Superintendent			#####	HR	\$ 232.00			1856
	Project Engineer			#####	HR	\$ 90.00			720
	Surveyor				HR				
	Foreman			#####	HR	\$ 178.00			1424
	Subsistence/Per Diem( 5men)				DY				\$ -
	Hotel/Apartment Rent (1 Room)				DY				
	Hotel/Apartment Utilities								
	Apartment Furnishings								
	Temp Office Trailer								
	Temp Engineers Trailer								
	Temp Storage Trailer								
	Temp Utilities								
	Portable Toilets								
	Cellular Phones								
	Office Supplies								
	Office Equipment misc								
	Fax Machine								
	Copy Machine								
	Computer & Internet								
	Printer								
	Safety								
	Employee Drug Testing								
	Daily Cleanup								
	Dumpster								
	Drinking Water								
	Ice & Cups								
	Pick-Up Trucks								
	Gas & Oil								
	Equipment Repair								
	Warranty Extensions								
	Builders Risk Insurance								\$ -
TOTAL SITE GENERAL CONDITIONS COST PER DAY									\$0.00



T. A. Loving Company  
400 Patetown Road / P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order No.: 071  
Rev000

## PROPOSED CHANGE ORDER

Project Name: Northeast Brunswick Regional WWTP Facility Expansion  
Location: Navassa, NC  
Owner: Brunswick County  
Engineer: McKim&Creed

TAL Proj. No. 3845  
Date 6/23/2022  
Drawing No.  
Spec. Section

Reference: RFP No.: \_\_\_\_\_ Work Directive No.: \_\_\_\_\_ Field Order No.: 071 Other Change Request \_\_\_\_\_

PCO TITLE and Description: This Change Order is for providing Knox Locking systems for gates at the back of plant site. Requested by Fire Marshall.

1. LABOR (See attached itemized breakdown) .....	\$264.00
2. MATERIALS (See attached itemized breakdown) .....	\$1,385.70
3. EQUIPMENT/OTHER (See attached itemized breakdown) .....	\$0.00
4. TIME EXTENSION FIELD COSTS** ..... 0 DAYS @ \$0.00 PER DAY .....	\$0.00
5. SUB-TOTAL DIRECT WORK .....	\$1,649.70
6. OVERHEAD & PROFIT ON DIRECT WORK..... 15% .....	\$247.46
7. TOTAL DIRECT WORK .....	\$1,897.16

### SUBCONTRACTORS

NAME	DESCRIPTION	INVOICE/PROPOSAL DATE	
8. SUB-TOTAL SUBCONTRACTOR WORK: .....			\$0.00
9. OVERHEAD & PROFIT ON SUBCONTRACTOR WORK..... 5% .....			\$0.00
10. TOTAL SUBCONTRACTOR WORK.....			\$0.00
11. SUB-TOTAL DIRECT AND SUBCONTRACTOR WORK.....			\$1,897.16
12. BOND & INSURANCE: ..... 0.00% of subtotal # 11 .....			\$0.00
13. TOTAL CHANGE PROPOSAL REQUEST.....			\$1,897.16

Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_

\*\* Schedule impact indeterminate at this time. The Contractor reserves its rights to a time extension and extended field costs due to the cumulative effect of changes.

Accepted By:

T. A. Loving Company

Date: \_\_\_\_\_

Brunswick County Public Utilities

Date: \_\_\_\_\_

McKim&Creed

Date: \_\_\_\_\_



T. A. Loving Company  
 400 Patetown Road P.O. Drawer 919  
 Goldsboro NC 27533-0919  
 919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
 Order  
 No.: 070  
 Rev000

## WORKSHEET SUMMARY

	Quantity	Rate	Unit	
<b>MATERIAL COST</b>				
A. Material (From take off worksheet)				\$1,298.08
B. Miscellaneous/Waste material			of A	\$0.00
C. Freight				\$0.00
D. SUBTOTAL				\$1,298.08
E. Sales Tax	Exempt	6.75%	of D	\$87.62
<b>F. TOTAL MATERIAL</b>				<b>\$1,385.70</b>
<b>LABOR COST</b>				
G. Labor (From takeoff worksheet)				\$264.00
H. Small Tools			of Labor	\$0.00
I. Clean-up			of Labor	\$0.00
J. Safety			of Labor	\$0.00
K. Safety Training			of Labor	\$0.00
L. Reproduction Costs				\$0.00
M. As-Built Drawings	0	\$73.00	HR	\$0.00
N. Testing		0.00%	of Labor	\$0.00
O. Warranty Work		0.00%	of Labor	\$0.00
P. Punch List		0.00%	of Labor	\$0.00
<b>Q. TOTAL LABOR</b>				<b>\$264.00</b>
<b>EQUIPMENT/OTHER</b>				
R. Equipment (From take off worksheet)				\$0.00
S. Equipment Fuel Surcharge		2.50%	of Equipment	\$0.00
T. Equipment Repairs		2.00%	of Equipment	\$0.00
U. Equipment Yard Work		2.00%	of Equipment	\$0.00
V. Assigned Equipment		0%	of Equipment	\$0.00
W. Other (From take off worksheet)				\$0.00
<b>X. TOTAL EQUIPMENT/OTHER</b>				<b>\$0.00</b>





T. A. Loving Company  
400 Patetown Road P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order  
No.: 067  
REV00

## TAKE OFF WORKSHEET

ITEM	DESCRIPTION	QTY.	UNIT	MATERIAL		LABOR		EQUIPMENT		OTHER	
				UNIT COST	TOTAL COST	LABOR RATE	TOTAL COST	UNIT COST	TOTAL COST	UNIT	TOTAL COST
	Knox Model 3200, Black Surface Mount	1	LS	\$1,298.08	\$1,298.08						0.00
	Labor - Skilled	1	HR		\$0.00	\$40.00	40.00		0.00		
	Foreman	1	HR		\$0.00	\$89.00	89.00		0.00		
	Pickup Truck	1	HR		\$0.00	\$135.00	135.00		0.00		
			HR		\$0.00		0.00		0.00		
			HR		\$0.00		0.00		0.00		
			HR		\$0.00		0.00		0.00		0.00
			HR		\$0.00		0.00		0.00		
			DY		\$0.00				0.00		
			DY		\$0.00				0.00		
			DY		\$0.00				0.00		
			LS		\$0.00						
			LS		\$0.00						
					1,298.08		264.00		0.00		0.00



T. A. Loving Company  
400 Patetown Road P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order  
No.: 071  
Rev000

## TIME ANALYSIS

### SCHEDULE IMPACT NARRATIVE:

This will effect the schedule by 30 days.

TOTAL DAYS 30



T. A. Loving Company  
400 Patetown Road P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order  
No.: 071  
Rev00

## TIME EXTENSION FIELD COSTS

				Qty	Units	Unit Cost	Cost/Wk	Cost/Mo	Cost Per Day
	Site Project Manager			#####	HR	\$ 132.00			1056
	Superintendent			#####	HR	\$ 232.00			1856
	Project Engineer			#####	HR	\$ 90.00			720
	Surveyor				HR				
	Foreman			#####	HR	\$ 178.00			1424
	Subsistence/Per Diem( 5men)				DY				\$ -
	Hotel/Apartment Rent (1 Room)				DY				
	Hotel/Apartment Utilities								
	Apartment Furnishings								
	Temp Office Trailer								
	Temp Engineers Trailer								
	Temp Storage Trailer								
	Temp Utilities								
	Portable Toilets								
	Cellular Phones								
	Office Supplies								
	Office Equipment misc								
	Fax Machine								
	Copy Machine								
	Computer & Internet								
	Printer								
	Safety								
	Employee Drug Testing								
	Daily Cleanup								
	Dumpster								
	Drinking Water								
	Ice & Cups								
	Pick-Up Trucks								
	Gas & Oil								
	Equipment Repair								
	Warranty Extensions								
	Builders Risk Insurance								\$ -
TOTAL SITE GENERAL CONDITIONS COST PER DAY									\$0.00



FIRE • SECURITY

## **KNOX QUOTATION**

QUOTE # K0395

DATE: 6/22/2022

PROPERTY: NE Brunswick Wastewater Treatment Plant  
10480 Rowster Rd  
Navassa, NC 28451

TO: TA Loving Co.  
400 Pate Town Rd  
Goldsboro, NC 27530  
Chris Reeves  
919-920-3585  
creeves@taloving.com

Product	Qty	Cost per unit	Total
Knox Model 3200, Black Surface Mount	2	\$ 466.00	\$ 932.00
Knox Model 3781 3" Exterior Padlock	2	\$ 142.00	\$ 284.00
Tax 6.75%			\$ 82.08
Total			\$ 1298.08

### **THIS QUOTATION INCLUDES THE FOLLOWING**

#### **Shipping**

#### **Additional information:**

**Fire departments are allowed up to 30 days to approve Knox equipment sales within jurisdictions where approval is required before product may be sold.**

**If installation services are being provided as part of this quotation patching and painting of sheet rock is not included as part of this proposal. All Knox material must be paid in full before pick-up, delivery, or installation.**

843 443 3260 | vscfire.com  
609 Seaboard Street | Myrtle Beach, SC 29577

Baltimore, MD | Springfield, VA | Richmond, VA | Virginia Beach, VA | Roanoke, VA | Raleigh, NC | Charlotte, NC | Mobile, AL  
Myrtle Beach, SC | Charleston, SC | Atlanta, GA | Orlando, FL | Tampa, FL | Little Rock, AR | Jonesboro, AR | Rogers, AR | Texarkana, AR

**YOUR WORLD. PROTECTED.**



**FIRE · SECURITY**

WE THANK YOU FOR THE PRIVILEGE OF SUBMITTING THIS QUOTE.

*\*All work to be scheduled upon receipt of signed quotation or separate purchase order.*

PURCHASER'S WRITTEN EXECUTION OF THIS QUOTATION SHALL CONSTITUTE ACCEPTANCE THEREOF AND SHALL BE DEEMED TO FORM A WRITTEN CONTRACT BETWEEN THE PARTIES THAT SPECIFICALLY INCLUDES ALL TERMS AND CONDITIONS SET FORTH ON PAGE (S) OF THIS QUOTATION.

Customer  
Name:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name

Counter-Signed  
VSC Fire & Security, Inc.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name

843 443 3260 | [vscfire.com](http://vscfire.com)  
609 Seaboard Street | Myrtle Beach, SC 29577

Baltimore, MD | Springfield, VA | Richmond, VA | Virginia Beach, VA | Roanoke, VA | Raleigh, NC | Charlotte, NC | Mobile, AL  
Myrtle Beach, SC | Charleston, SC | Atlanta, GA | Orlando, FL | Tampa, FL | Little Rock, AR | Jonesboro, AR | Rogers, AR | Texarkana, AR

**YOUR WORLD. PROTECTED.**



T. A. Loving Company  
400 Patetown Road / P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order No.: 072  
Rev000

## PROPOSED CHANGE ORDER

Project Name:	Northeast Brunswick Regional WWTP Facility Expansion	TAL Proj. No.	3845
Location:	Navassa, NC	Date	7/14/2022
Owner:	Brunswick County	Drawing No.	
Engineer:	McKim&Creed	Spec. Section	

Reference: RFP No.: \_\_\_\_\_ Work Directive No.: \_\_\_\_\_ Field Order No.: 072 Other Change Request \_\_\_\_\_

PCO TITLE and Description: This Change Order is for replacing existing gate access controller with a new one per the Fire Marshall's request in order to get a CO.

1. LABOR (See attached itemized breakdown) .....	\$0.00
2. MATERIALS (See attached itemized breakdown) .....	\$0.00
3. EQUIPMENT/OTHER (See attached itemized breakdown) .....	\$0.00
4. TIME EXTENSION FIELD COSTS** ..... 0 DAYS @ \$0.00 PER DAY .....	\$0.00
5. SUB-TOTAL DIRECT WORK .....	\$0.00
6. OVERHEAD & PROFIT ON DIRECT WORK..... 15% .....	\$0.00
7. TOTAL DIRECT WORK .....	\$0.00

### SUBCONTRACTORS

NAME	DESCRIPTION	INVOICE/PROPOSAL DATE	
Melton Electric, Inc.	Gate Access Controller	7/11/2022	
			\$13,470.00

8. SUB-TOTAL SUBCONTRACTOR WORK: .....	\$13,470.00
9. OVERHEAD & PROFIT ON SUBCONTRACTOR WORK..... 5% .....	\$673.50
10. TOTAL SUBCONTRACTOR WORK.....	\$14,143.50
11. SUB-TOTAL DIRECT AND SUBCONTRACTOR WORK.....	\$14,143.50
12. BOND & INSURANCE: ..... 0.00% of subtotal # 11 .....	\$0.00
13. TOTAL CHANGE PROPOSAL REQUEST.....	\$14,143.50

Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_

\*\* Schedule impact indeterminate at this time. The Contractor reserves its rights to a time extension and extended field costs due to the cumulative effect of changes.

Accepted By:

T. A. Loving Company

Date: \_\_\_\_\_

Brunswick County Public Utilities

Date: \_\_\_\_\_

McKim&Creed

Date: \_\_\_\_\_



T. A. Loving Company  
 400 Patetown Road P.O. Drawer 919  
 Goldsboro NC 27533-0919  
 919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
 Order  
 No.: 072  
 Rev000

## WORKSHEET SUMMARY

	Quantity	Rate	Unit	
<b>MATERIAL COST</b>				
A. Material (From take off worksheet)				\$0.00
B. Miscellaneous/Waste material			of A	\$0.00
C. Freight				\$0.00
D. SUBTOTAL				\$0.00
E. Sales Tax	Exempt	6.75%	of D	\$0.00
<b>F. TOTAL MATERIAL</b>				<b>\$0.00</b>
<b>LABOR COST</b>				
G. Labor (From takeoff worksheet)				\$0.00
H. Small Tools			of Labor	\$0.00
I. Clean-up			of Labor	\$0.00
J. Safety			of Labor	\$0.00
K. Safety Training			of Labor	\$0.00
L. Reproduction Costs				\$0.00
M. As-Built Drawings	0	\$73.00	HR	\$0.00
N. Testing		0.00%	of Labor	\$0.00
O. Warranty Work		0.00%	of Labor	\$0.00
P. Punch List		0.00%	of Labor	\$0.00
<b>Q. TOTAL LABOR</b>				<b>\$0.00</b>
<b>EQUIPMENT/OTHER</b>				
R. Equipment (From take off worksheet)				\$0.00
S. Equipment Fuel Surcharge		2.50%	of Equipment	\$0.00
T. Equipment Repairs		2.00%	of Equipment	\$0.00
U. Equipment Yard Work		2.00%	of Equipment	\$0.00
V. Assigned Equipment		0%	of Equipment	\$0.00
W. Other (From take off worksheet)				\$0.00
<b>X. TOTAL EQUIPMENT/OTHER</b>				<b>\$0.00</b>



T. A. Loving Company  
 400 Patetown Road P.O. Drawer 919  
 Goldsboro NC 27533-0919  
 919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
 Order  
 No.: 067  
 REV00

## TAKE OFF WORKSHEET

ITEM	DESCRIPTION	QTY.	UNIT	MATERIAL		LABOR		EQUIPMENT		OTHER	
				UNIT COST	TOTAL COST	LABOR RATE	TOTAL COST	UNIT COST	TOTAL COST	UNIT	TOTAL COST
		1	LS		\$0.00						0.00
		1	HR		\$0.00		0.00		0.00		
		1	HR		\$0.00		0.00		0.00		
		1	HR		\$0.00		0.00		0.00		
			HR		\$0.00		0.00		0.00		
			HR		\$0.00		0.00		0.00		
			HR		\$0.00		0.00		0.00		
			HR		\$0.00		0.00		0.00		0.00
			DY		\$0.00				0.00		
			DY		\$0.00				0.00		
			DY		\$0.00				0.00		
			LS		\$0.00						
			LS		\$0.00						
					0.00		0.00		0.00		0.00





T. A. Loving Company  
400 Patetown Road P.O. Drawer 919  
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Proposed Change  
Order  
No.: 072  
Rev000

## TIME ANALYSIS

### SCHEDULE IMPACT NARRATIVE:

This will effect the schedule by 0 days.

TOTAL DAYS 0



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Proposed Change  
Order  
No.: 072  
Rev00

## TIME EXTENSION FIELD COSTS

				Qty	Units	Unit Cost	Cost/Wk	Cost/Mo	Cost Per Day
	Site Project Manager			#####	HR	\$ 132.00			1056
	Superintendent			#####	HR	\$ 232.00			1856
	Project Engineer			#####	HR	\$ 90.00			720
	Surveyor				HR				
	Foreman			#####	HR	\$ 178.00			1424
	Subsistence/Per Diem( 5men)				DY				\$ -
	Hotel/Apartment Rent (1 Room)				DY				
	Hotel/Apartment Utilities								
	Apartment Furnishings								
	Temp Office Trailer								
	Temp Engineers Trailer								
	Temp Storage Trailer								
	Temp Utilities								
	Portable Toilets								
	Cellular Phones								
	Office Supplies								
	Office Equipment misc								
	Fax Machine								
	Copy Machine								
	Computer & Internet								
	Printer								
	Safety								
	Employee Drug Testing								
	Daily Cleanup								
	Dumpster								
	Drinking Water								
	Ice & Cups								
	Pick-Up Trucks								
	Gas & Oil								
	Equipment Repair								
	Warranty Extensions								
	Builders Risk Insurance								\$ -
TOTAL SITE GENERAL CONDITIONS COST PER DAY									\$0.00

**From:** lelandb@meltonelectric-sc.com  
**Sent:** Monday, July 11, 2022 4:57 PM  
**To:** Chase Hartley  
**Cc:** David Pittman; lelandb@meltonelectric-sc.com; 'Larry Melton'  
**Subject:** Northeast second gate access controller

Chase, I can provide a second gate access controller, same as what we've installed on new gate, except no camera, for \$13,470.00.

There's been significant cost increase since the last one was purchased last November.

Let me know asap how to proceed.

Leland

## **Melton Electric, Inc.**

**Leland W. Burnham Jr.**

Project Manager

111 Jacob Lane

Myrtle Beach, SC. 29579

[843.236.3030](tel:843.236.3030) Office

[843.236.3040](tel:843.236.3040) Fax

[843.458.4814](tel:843.458.4814) Cell

[lelandb@meltonelectric-sc.com](mailto:lelandb@meltonelectric-sc.com)

[burnhamenergy@aol.com](mailto:burnhamenergy@aol.com)

*"The challenge of leadership is to be strong, but not rude; be kind, but not weak; be bold, but not bully; be thoughtful, but not lazy; be humble, but not timid; be proud, but not arrogant; have humor, but without folly."*



1667 Dividend Loop | Myrtle Beach, SC 29577  
PHONE: 843.839.3335  
SC LICENSE #: FAC 13657

---

**Proposal:**

Northeastern Water Treatment Plant

**Prepared by:**

Star Life Safety

**QUOTATION:**

Mircom Access Control  
Parts and Smarts

**Delivered on:**

June 30, 2022

**Project Number:**

Proposal #	2022061
Date:	6/30/2022

Proposal Contact:	Ashlee Blas
Address:	1667 Dividend Loop Myrtle Beach, SC 29577
Email Address:	Ashlee@starlifesafety.com
Phone Number:	(843)516-3033

Project Name	Northeastern Water Treatment Plant
--------------	------------------------------------

### Scope of Work

Provide Parts & Smarts Access Control system based off a detailed email outlining what is needed provided by Leland with Melton Electric to include the following:

- Keypad access, proximity
- Ability to operate gate controller (2 wire control, type C contacts)
- "Yelp" capabilities for fire/police access.
- Gooseneck and all mounting appurtenances to make a complete system.
- Transformer for LV wiring.
- Gate access controller
- Provide equipment and conduct programming.
- A one-year warranty on all equipment provided by Star Life Safety.
- State and County Taxes.
- Normal Shipping Charges.

---

### **Star Life Safety Responsibilities**

- Star Life Safety will provide, program and test for the systems listed within the general scope of work.

### **Electrical Contractor Responsibilities**

- EC to provide and install conduit, wire for gate opener controls, Cat 6 and 120v power feed to new gate access panel.
- Contractor is responsible for installation of all conduit, sleeves, raceways, back boxes, all equipment listed above, and any necessary wiring.

### **Inclusions:**

- Freight.
- Project Management for Star Life Safety Scope of work.
- System Commissioning.
- Providing Star Life Safety Access Control equipment
- One (1) year warranty of equipment provided by Star Life Safety.
- Programming.

### **Exclusions**

- Full time Project Manager (PM). PM labor to support on-site meeting, material procurement, subcontractor coordination and project administrative tasks.
- Per-project aggregate insurance. Please add \$2,500 if required.
- Patching, painting, and cleanup.
- Performance or payment bonds.
- Overtime and weekend hours.
- OCIP/CCIP cost credits.
- Cost associated with schedule acceleration.
- Scaffolding or lifts (except as specifically noted).
- Professional Engineered (PE) Stamped drawings.
- Spare parts unless otherwise noted.
- Configuration or startup of any 3<sup>rd</sup> party system not provided by Star Life Safety.
- Cost associated with multiple trips to the job site due to in-completion by others.
- Modification of any existing Card Access system unless specified in scope of work.
- Conduit, raceway, electrical boxes, and supports.
- Knox Box, door lock release, or Fire Alarm interface.
- Dedicated phone lines (if required for monitoring).
- Phasing excluded unless specified in scope of work.
- Camera or camera capabilities.
- Proximity badges.
- Camera or camera capabilities.
- Proximity badges.

### Purchase Orders

If your company / organization requires purchase orders (PO's) before making payments to STAR LIFE SAFETY for products & services, please email them to john@starfireny.com & johnny@starfireny.com or fax them to 843.839.3336

P.O. Number: \_\_\_\_\_

P.O. Amount: \_\_\_\_\_

### Tax Exempt Information

Is your organization tax exempt? \*    YES                      NO

If yes, please provide your tax-exempt number or reseller number.

Tax exempt number: \_\_\_\_\_

Reseller number: \_\_\_\_\_

\*If applicable law exempts a product or service from a tax, then STAR LIFE SAFETY will not collect such tax if you provide STAR LIFE SAFETY with a valid and proper tax exemption certificate as authorized by the appropriate taxing authority.

<u>BILL TO ADDRESS</u>		<u>SHIP TO ADDRESS</u>	
Name		Name	
Address 1		Address 1	
Address 2		Address 2	
Address 3		Address 3	
Attention		Attention	
Phone #		Phone #	
Email address		Email address	

**TERMS & CONDITIONS will follow this document**

- This Proposal is Valid for 30 Days.
- Price does not include any fees to AHJ. All fees to be paid at cost.
- One year warranty against defects in materials.
- All programming & testing will be done during normal business hours (8:00 am-4:00 pm).
- S & H is based on Ground Shipping. If other is required; actual will be reflected on the invoice.
- Price does not include electrical installation or the relocation of any existing devices for the above Access Control system.
- This quotation is for the material specified above, if additional equipment is needed or required, it will be supplied at an additional cost.
- Payment Terms: Net 30 Days. Payment is due upon receipt of invoice not to exceed 30 days. A finance charge of 5.5% per month will be applied to all outstanding balances, aged in excess of 30 days.
- Collection: In the event that the customer fails to make payment to STAR LIFE SAFETY, Customer will have 15 days to cure such nonpayment. In the event that customer fails to cure any nonpayment within said 15 days, customer's account shall be turned over for collection and customer shall pay interest plus collection fees in the amount of \$1,500. Also, customer will be responsible for any legal fee incurred; STAR LIFE SAFETY reserves the right to use any resources available to secure delinquent account balance.
- Acceptance of Proposal – Once the above price, specifications, and conditions are satisfactory and are hereby accepted; providing us with a purchase order number, authorization to perform work or signature shall bind this agreement, beginning from the date issued or signed.

**Total Fire Alarm Quote Price:**

**\$10,100.00**

Customer Signature

Name / Title

Date

*Thank you for the opportunity to present this quotation. We appreciate your business and the confidence you have placed in us. Please do not hesitate to contact us should you require any further assistance.*





T. A. Loving Company  
400 Patetown Road / P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order No.: 055  
Rev000

## PROPOSED CHANGE ORDER

Project Name:	Northeast Brunswick Regional WWTP Facility Expansion	TAL Proj. No.	3845
Location:	Navassa, NC	Date	10/22/2021
Owner:	Brunswick County	Drawing No.	
Engineer:	McKim&Creed	Spec. Section	

Reference: RFP No.: \_\_\_\_\_ Work Directive No.: \_\_\_\_\_ Field Order No.: 055 Other Change Request \_\_\_\_\_

PCO TITLE and Description: This Change Order is for adding a 120V circuit for control panel power to both ACS CP and TDF-LCP-51000. This effected the schedule by 5 days.

1. LABOR (See attached itemized breakdown) .....	\$0.00
2. MATERIALS (See attached itemized breakdown) .....	\$0.00
3. EQUIPMENT/OTHER (See attached itemized breakdown) .....	\$0.00
4. TIME EXTENSION FIELD COSTS** ..... 0 DAYS @ \$0.00 PER DAY .....	\$0.00
5. SUB-TOTAL DIRECT WORK .....	\$0.00
6. OVERHEAD & PROFIT ON DIRECT WORK..... 15% .....	\$0.00
7. TOTAL DIRECT WORK .....	\$0.00

### SUBCONTRACTORS

NAME	DESCRIPTION	INVOICE/PROPOSAL DATE	
Melton Electric, Inc.	ACS Control Panel	10/1/2021	
			\$4,070.44

8. SUB-TOTAL SUBCONTRACTOR WORK: .....	\$4,070.44
9. OVERHEAD & PROFIT ON SUBCONTRACTOR WORK..... 5% .....	\$203.52
10. TOTAL SUBCONTRACTOR WORK.....	\$4,273.96
11. SUB-TOTAL DIRECT AND SUBCONTRACTOR WORK.....	\$4,273.96
12. BOND & INSURANCE: ..... 0.00% of subtotal # 11 .....	\$0.00
13. TOTAL CHANGE PROPOSAL REQUEST.....	\$4,273.96

Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_

\*\* Schedule impact indeterminate at this time. The Contractor reserves its rights to a time extension and extended field costs due to the cumulative effect of changes.

Accepted By:

T. A. Loving Company

Date: \_\_\_\_\_

Brunswick County Public Utilities

Date: \_\_\_\_\_

McKim&Creed

Date: \_\_\_\_\_



T. A. Loving Company  
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Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order  
No.: 055  
Rev000

## WORKSHEET SUMMARY

	Quantity	Rate	Unit	
<b>MATERIAL COST</b>				
A. Material (From take off worksheet)				\$0.00
B. Miscellaneous/Waste material			of A	\$0.00
C. Freight				\$0.00
D. SUBTOTAL				\$0.00
E. Sales Tax	Exempt	6.75%	of D	\$0.00
<b>F. TOTAL MATERIAL</b>				<b>\$0.00</b>
<b>LABOR COST</b>				
G. Labor (From takeoff worksheet)				\$0.00
H. Small Tools		1.50%	of Labor	\$0.00
I. Clean-up		1.00%	of Labor	\$0.00
J. Safety		1.00%	of Labor	\$0.00
K. Safety Training		0.75%	of Labor	\$0.00
L. Reproduction Costs				\$0.00
M. As-Built Drawings	0	\$73.00	HR	\$0.00
N. Testing		0.00%	of Labor	\$0.00
O. Warranty Work		0.00%	of Labor	\$0.00
P. Punch List		0.00%	of Labor	\$0.00
<b>Q. TOTAL LABOR</b>				<b>\$0.00</b>
<b>EQUIPMENT/OTHER</b>				
R. Equipment (From take off worksheet)				\$0.00
S. Equipment Fuel Surcharge		2.50%	of Equipment	\$0.00
T. Equipment Repairs		2.00%	of Equipment	\$0.00
U. Equipment Yard Work		2.00%	of Equipment	\$0.00
V. Assigned Equipment		0%	of Equipment	\$0.00
W. Other (From take off worksheet)				\$0.00
<b>X. TOTAL EQUIPMENT/OTHER</b>				<b>\$0.00</b>



T. A. Loving Company  
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Proposed Change  
Order  
No.: 055  
REV00

## TAKE OFF WORKSHEET

ITEM	DESCRIPTION	QTY.	UNIT	MATERIAL		LABOR		EQUIPMENT		OTHER	
				UNIT COST	TOTAL COST	LABOR RATE	TOTAL COST	UNIT COST	TOTAL COST	UNIT	TOTAL COST
			LS		\$0.00						0.00
			LS		\$0.00						
			LS		\$0.00						
			LS		\$0.00		0.00				
			HR		\$0.00		0.00				
			HR		\$0.00		0.00				
			HR		\$0.00				0.00		
					0.00		0.00		0.00		0.00



T. A. Loving Company  
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Proposed Change  
Order  
No.: 055  
Rev000

## TIME ANALYSIS

### SCHEDULE IMPACT NARRATIVE:

This will effect the schedule by 5 days.

TOTAL DAYS 0



T. A. Loving Company  
400 Patetown Road P.O. Drawer 919  
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919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order  
No.: 055  
Rev00

## TIME EXTENSION FIELD COSTS

				Qty	Units	Unit Cost	Cost/Wk	Cost/Mo	Cost Per Day
	Site Project Manager			#####	HR	\$ 132.00			1056
	Superintendent			#####	HR	\$ 232.00			1856
	Project Engineer			#####	HR	\$ 90.00			720
	Surveyor				HR				
	Foreman			#####	HR	\$ 178.00			1424
	Subsistence/Per Diem( 5men)				DY				\$ -
	Hotel/Apartment Rent (1 Room)				DY				
	Hotel/Apartment Utilities								
	Apartment Furnishings								
	Temp Office Trailer								
	Temp Engineers Trailer								
	Temp Storage Trailer								
	Temp Utilities								
	Portable Toilets								
	Cellular Phones								
	Office Supplies								
	Office Equipment misc								
	Fax Machine								
	Copy Machine								
	Computer & Internet								
	Printer								
	Safety								
	Employee Drug Testing								
	Daily Cleanup								
	Dumpster								
	Drinking Water								
	Ice & Cups								
	Pick-Up Trucks								
	Gas & Oil								
	Equipment Repair								
	Warranty Extensions								
	Builders Risk Insurance								\$ -
TOTAL SITE GENERAL CONDITIONS COST PER DAY									\$0.00

# MELTON ELECTRIC, INC.

111 Jacob Lane Myrtle Beach S.C. 29579

P - (843) 236-3030 F - (843) 236-3040

10/1/2021

GC: TA Loving

David Pittman

From: Leland Burnham

CO-28 LB

RE: ACS control panel

**Job Name: Northeast WWTP** \*Note, no sun sheild included in this CO.

**40 61 93-001.A:** Indicates ACS panel shall be installed in place of TDF-LCP-51000, all local raceways allotted for TDF-LCP-51000 are to be routed to ACS. E2.17 & E2.18 indicates TDF-LCP-51000 as CP w/ ACS receptacle.

**46 61 46-001.B,** indicates Vendor shall provide submittal for TDF-LCP-51000 in compliance with contract docs.

Kruger provided a separate ACS control panel. Peidmont provided separate TDF-LCP-51000 control panel.

Additionally a dedicated 120V circuit was added for control panel power to both ACS CP and TDF-LCP-51000.

Add 1.25" c UG from ACS to manhole for PLC-2 wiring originally routed direct to TDF-LCP-51000.

Coordinate wiring changes with Peidmont and Owner so they can revise drawings and program I/O.

Request additional time based on man-hours submitted per this change order request number.

Description of Material	Qty	Mat Unit	Mat Ext	Lbr unit	Lbr Ext	Lbr Cost	Lbr Total
Aluminum rack w/ backplate 6" Chanel	1	225.00	225.00	4.000	4.00	63.74	254.96
SS hardware, nuts, washers, etc. racks	1	20.00	20.00	1.500	1.50	63.74	95.61
SS wedge anchors	6	4.60	27.60	0.200	1.20	63.74	76.49
Mount ACS control panel drill plate, etc	1	0.00	0.00	2.150	2.15	63.74	137.04
1 5/8" SS kindorf	10	9.35	93.50	0.175	1.75	63.74	111.55
3/4" SS kindorf straps	4	2.75	11.00	0.100	0.40	63.74	25.50
3/4" RAL conduit field cut / thread	15	1.65	24.75	0.300	4.50	63.74	286.83
3/4" RAL field bend	3	0.00	0.00	0.500	1.50	63.74	95.61
3/4" AL coupling	2	2.39	4.78	0.100	0.20	63.74	12.75
3/4" AL meyers hubs	5	9.95	49.75	0.500	2.50	63.74	159.35
Panel and J box KO	5	0.99	4.95	0.250	1.25	63.74	79.68
8 x 8 x 4 SS 4X	1	140.00	140.00	0.650	1.25	63.74	79.68
#12 XHHW (2) 120V Circuits	640	0.25	160.00	0.005	3.20	63.74	203.97
Small wire terminations 120V cir.	12	1.90	22.80	0.100	1.20	63.74	76.49
1.25" SS kindorf straps	2	3.10	6.20	0.100	0.20	63.74	12.75
1.25" RAL field cut / thread	10	2.00	20.00	0.400	4.00	63.74	254.96
1.25" RAL ell	1	14.00	14.00	0.300	0.30	63.74	19.12
1.25" AL coupling	1	3.60	3.60	0.100	0.10	63.74	6.37
1.25" AL meyers hub	1	7.50	7.50	0.650	0.65	63.74	41.43
1.25" Panel KO	1	0.99	0.99	0.350	0.35	63.74	22.31
1.25" PVC UG	35	2.52	88.20	0.040	1.40	63.74	89.24
1.25" PVC FA	1	0.45	0.45	0.100	0.10	63.74	6.37
1.25" PVC coupling	1	0.45	0.45	0.100	0.10	63.74	6.37
1.25" Field bend / hot box	2	0.00	0.00	0.600	1.20	63.74	76.49
1.25" Bell end	1	2.54	2.54	0.150	0.15	63.74	9.56
Test / Debug	1	0.00	0.00	1.000	1.00	63.74	63.74
Start up	1	0.00	0.00	2.000	2.00	63.74	127.48
Phenolic Equipment ID legend	1	9.99	9.99	0.250	0.25	63.74	15.94
SS hardware 3/16" bolt, nut washers	1	3.00	3.00	0.250	0.25	63.74	15.94
	0	0.00	0.00	0.000	0.00	63.74	0.00
Total Material			941.05		38.65		2463.55
Tax On Material			84.69				
Total Material & Tax			1025.74				
Total Labor			2463.55				
Total Material & Labor			3489.30				
Quote Freight / Seimens Quote			0.00				
Tax on quoted items			0.00				
Total quotes & Tax			0.00				
Sub-contractor			0.00				
Overhead			174.46				
Profit			366.38				
Bond cost			40.30				
Total Change Order Cost			<b>4,070.44</b>				



T. A. Loving Company  
400 Patetown Road / P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order No.: 074  
Rev000

## PROPOSED CHANGE ORDER

Project Name: Northeast Brunswick Regional WWTP Facility Expansion  
Location: Navassa, NC  
Owner: Brunswick County  
Engineer: McKim&Creed

TAL Proj. No. 3845  
Date 9/22/2021  
Drawing No.  
Spec. Section

Reference: RFP No.: \_\_\_\_\_ Work Directive No.: \_\_\_\_\_ Field Order No.: 055 Other Change Request \_\_\_\_\_

PCO TITLE and Description: This Change Order is for adding a reversing function to the ATAD Reactor Central Mixers.

1. LABOR (See attached itemized breakdown) .....	\$0.00
2. MATERIALS (See attached itemized breakdown) .....	\$0.00
3. EQUIPMENT/OTHER (See attached itemized breakdown) .....	\$0.00
4. TIME EXTENSION FIELD COSTS** ..... 0 DAYS @ \$0.00 PER DAY .....	\$0.00
5. SUB-TOTAL DIRECT WORK .....	\$0.00
6. OVERHEAD & PROFIT ON DIRECT WORK..... 15% .....	\$0.00
7. TOTAL DIRECT WORK .....	\$0.00

### SUBCONTRACTORS

NAME	DESCRIPTION	INVOICE/PROPOSAL DATE	
Melton Electric, Inc.	Central Mixer Reversing	9/22/2021	\$9,091.09

8. SUB-TOTAL SUBCONTRACTOR WORK: .....	\$9,091.09
9. OVERHEAD & PROFIT ON SUBCONTRACTOR WORK..... 5% .....	\$454.55
10. TOTAL SUBCONTRACTOR WORK.....	\$9,545.64
11. SUB-TOTAL DIRECT AND SUBCONTRACTOR WORK.....	\$9,545.64
12. BOND & INSURANCE: ..... 0.00% of subtotal # 11 .....	\$0.00
13. TOTAL CHANGE PROPOSAL REQUEST.....	\$9,545.64

Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_

\*\* Schedule impact indeterminate at this time. The Contractor reserves its rights to a time extension and extended field costs due to the cumulative effect of changes.

Accepted By:

T. A. Loving Company

Date: \_\_\_\_\_

Brunswick County Public Utilities

Date: \_\_\_\_\_

McKim&Creed

Date: \_\_\_\_\_



T. A. Loving Company  
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Proposed Change  
Order  
No.: 074  
Rev000

## WORKSHEET SUMMARY

	Quantity	Rate	Unit	
<b>MATERIAL COST</b>				
A. Material (From take off worksheet)				\$0.00
B. Miscellaneous/Waste material			of A	\$0.00
C. Freight				\$0.00
D. SUBTOTAL				\$0.00
E. Sales Tax	Exempt	6.75%	of D	\$0.00
<b>F. TOTAL MATERIAL</b>				<b>\$0.00</b>
<b>LABOR COST</b>				
G. Labor (From takeoff worksheet)				\$0.00
H. Small Tools		1.50%	of Labor	\$0.00
I. Clean-up		1.00%	of Labor	\$0.00
J. Safety		1.00%	of Labor	\$0.00
K. Safety Training		0.75%	of Labor	\$0.00
L. Reproduction Costs				\$0.00
M. As-Built Drawings	0	\$73.00	HR	\$0.00
N. Testing		0.00%	of Labor	\$0.00
O. Warranty Work		0.00%	of Labor	\$0.00
P. Punch List		0.00%	of Labor	\$0.00
<b>Q. TOTAL LABOR</b>				<b>\$0.00</b>
<b>EQUIPMENT/OTHER</b>				
R. Equipment (From take off worksheet)				\$0.00
S. Equipment Fuel Surcharge		2.50%	of Equipment	\$0.00
T. Equipment Repairs		2.00%	of Equipment	\$0.00
U. Equipment Yard Work		2.00%	of Equipment	\$0.00
V. Assigned Equipment		0%	of Equipment	\$0.00
W. Other (From take off worksheet)				\$0.00
<b>X. TOTAL EQUIPMENT/OTHER</b>				<b>\$0.00</b>





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Proposed Change  
Order  
No.: 074  
REV00

## TAKE OFF WORKSHEET

ITEM	DESCRIPTION	QTY.	UNIT	MATERIAL		LABOR		EQUIPMENT		OTHER	
				UNIT COST	TOTAL COST	LABOR RATE	TOTAL COST	UNIT COST	TOTAL COST	UNIT	TOTAL COST
			LS		\$0.00						0.00
			LS		\$0.00						
			LS		\$0.00						
			LS		\$0.00		0.00				
			HR		\$0.00		0.00				
			HR		\$0.00		0.00				
			HR		\$0.00				0.00		
					0.00		0.00		0.00		0.00



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Proposed Change  
Order  
No.: 074  
Rev000

## TIME ANALYSIS

### SCHEDULE IMPACT NARRATIVE:

This will effect the schedule by 5 days.

TOTAL DAYS 0



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Proposed Change  
Order  
No.: 074  
Rev00

## TIME EXTENSION FIELD COSTS

				Qty	Units	Unit Cost	Cost/Wk	Cost/Mo	Cost Per Day
	Site Project Manager			#####	HR	\$ 132.00			1056
	Superintendent			#####	HR	\$ 232.00			1856
	Project Engineer			#####	HR	\$ 90.00			720
	Surveyor				HR				
	Foreman			#####	HR	\$ 178.00			1424
	Subsistence/Per Diem( 5men)				DY				\$ -
	Hotel/Apartment Rent (1 Room)				DY				
	Hotel/Apartment Utilities								
	Apartment Furnishings								
	Temp Office Trailer								
	Temp Engineers Trailer								
	Temp Storage Trailer								
	Temp Utilities								
	Portable Toilets								
	Cellular Phones								
	Office Supplies								
	Office Equipment misc								
	Fax Machine								
	Copy Machine								
	Computer & Internet								
	Printer								
	Safety								
	Employee Drug Testing								
	Daily Cleanup								
	Dumpster								
	Drinking Water								
	Ice & Cups								
	Pick-Up Trucks								
	Gas & Oil								
	Equipment Repair								
	Warranty Extensions								
	Builders Risk Insurance								\$ -
TOTAL SITE GENERAL CONDITIONS COST PER DAY									\$0.00

# MELTON ELECTRIC, INC.

111 Jacob Lane Myrtle Beach S.C. 29579

P - (843) 236-3030 F - (843) 236-3040

9/22/2021

GC: TA Loving

David Pittman

From: Leland Burnham

CO-34- LB

RE: Central Mixer Reversing

Job Name: Northeast WWTP

ATAD Central Mixer 91051 & 91052

Per Krueger equipment function description, add reversing function to ATAD reator mixer motors 91051 & 91052

Change out (2) existing HOA stations, install 4 port SS 4X boxes, pilot lamps, selector switches and placards.

Use existing wiring pulled to existing HOA. Add (4) control wires from PLC-2 to each MCC bucket, no charge.

Seimens to program drives for reverse function and revise internal wiring at (2) MCC buckets for mixer motors.

Request additional time based on man-hours submitted per this change order request number.

Description of Material	Qty	Mat Unit	Mat Ext	Lbr unit	Lbr Ext	Lbr Cost	Lbr Total
Seimens Change Order	1	4000.00	4000.00	1.000	1.00	63.74	63.74
4 Port SS 4X Control station	2	534.87	1069.74	1.000	2.00	63.74	127.48
Selector switches / rated WP	2	183.10	366.20	0.500	1.00	63.74	63.74
Auxillary contact blocks	4	112.25	449.00	0.440	1.76	63.74	112.18
Forward "green" pilot lamp	2	155.77	311.54	0.400	0.80	63.74	50.99
Reverse "blue" pilot lamp	2	155.77	311.54	0.400	0.80	63.74	50.99
Forward placard / engraved legend	2	5.35	10.70	0.100	0.20	63.74	12.75
Reverse placard / engraved legend	2	5.35	10.70	0.100	0.20	63.74	12.75
Replace lense covers . Owner colors	4	21.40	85.60	0.250	1.00	63.74	63.74
Forward / Reverse placard / legend	2	5.35	10.70	0.100	0.20	63.74	12.75
Demo existing / unwire, remove CS	2	0.00	0.00	0.000	0.00	0.00	N/C
Add (4) control wiring PLC to (2) MCC	8	0.00	0.00	0.000	0.00	0.00	N/C
Small wire terminations / labels	22	0.00	0.00	0.000	0.00	0.00	N/C

(BOM annotated herein confirmed by Owner)

(Local pilot light signal from selector switch @ CS only, not MCC driven)

(Repurpose leak seal detection wires for added functions herein at CS)

(Any work performed by other than Seimens technician on drives voids warranty, per Seimens.)

(Previously submitted credit COR 23 LB for deletion of CP 98500 and 98600 is now NULL and Void)

Total Material			6625.72		8.96		571.11
Tax On Material			596.31				
Total Material & Tax			7222.03				
Total Labor			571.11				
Total Material & Labor			7793.15				
Quote Freight / Seimens Quote			0.00				
quote			0.00				
quote			0.00				
quote			0.00				
Tax on quoted items			0.00				
Total quotes & Tax			0.00				
Sub-contractor			0.00				
Overhead			389.66				
Profit			818.28				
Bond cost			90.01				
Total Change Order Cost			9,091.09				



## ***REQUEST FOR CHANGE PROPOSAL (RCP)***

---

To: <u>TA Loving Inc.</u>	RCP No.: <u><b>RCP-37</b></u>
<u>400 Patetown Rd</u>	Date: <u>November 11, 2021</u>
<u>Goldsboro, NC 27530</u>	Project: <u>Northeast WWTP Plant Expansion</u>
Att. <u>Mr. David Pittman</u>	Owner: <u>Brunswick County Public Utilities</u>

---

### **Description of Change:** MCC, VFD, FVNR, and RVSS Wiring Additions

As discussed by Siemens Rep., BCPU Staff, and the Engineer EE, installed panels require modifications to function as necessary for the intended application. The attached sketches identify those modification/addition necessary to facilitate the modifications/additions.

Provide and install modifications/additions as indicated.

### **Attachments:** RCP 37 SK-1 THRU 5

### **Pricing:**

Provide a detailed cost breakdown for the requested change in accordance with Contract Requirements.

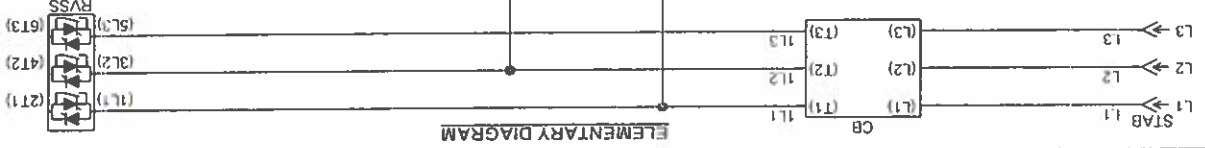
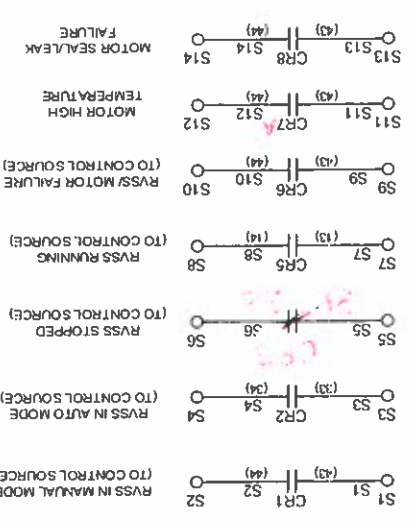
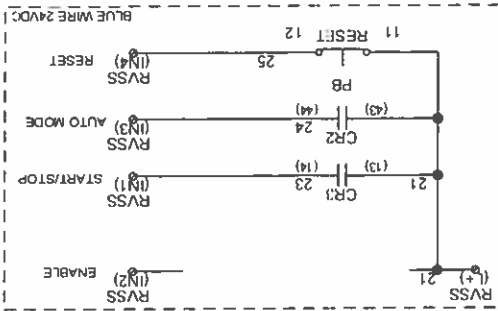
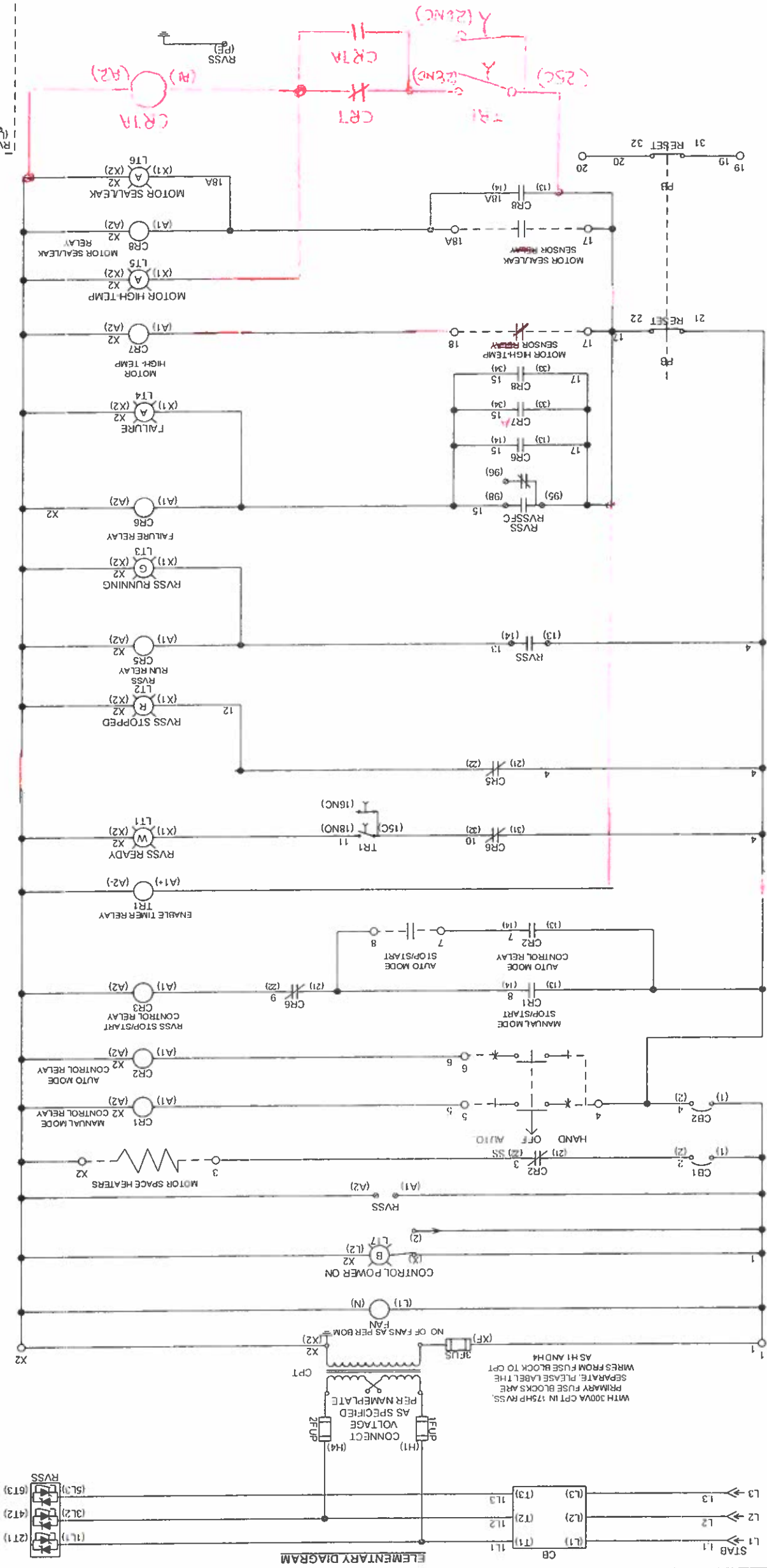
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*The proposed changes described herein are being considered for the above-noted project. Please advise us promptly of your proposed change in contract price and time to accomplish this work. Note that this is not an order to proceed with the proposed change. Notice-to-proceed will be issued later in the form of a Change Order, if it is decided to proceed with this change.*

---

Owner/Representative

Cc: James Beachum, BCPU via/email  
Tony Boahn PE, MCE via/email  
File: M&C 00069-0047-63A

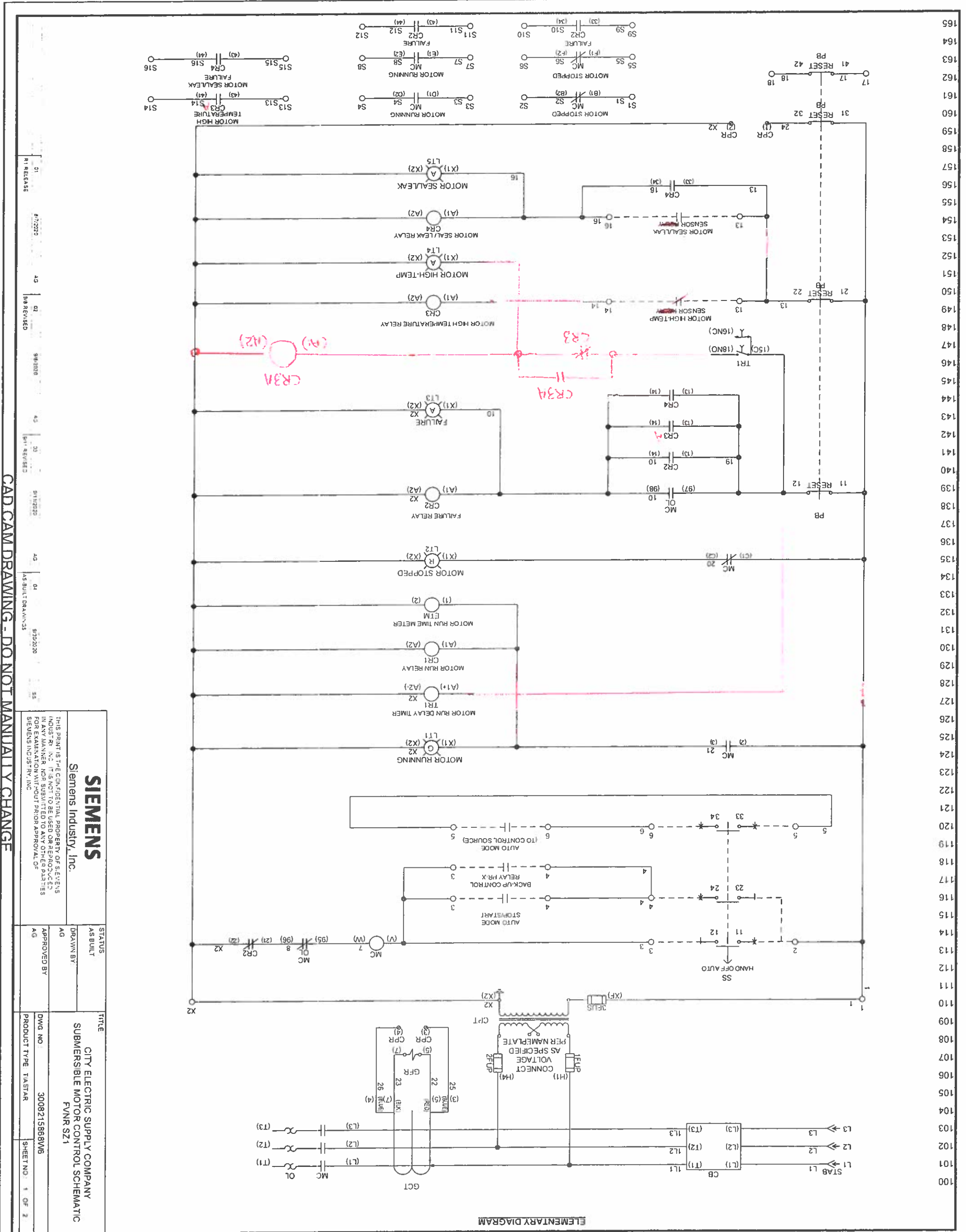


CAD/CAM DRAWING - DO NOT MANUALLY CHANGE

Siemens Industry, Inc.		CITY ELECTRIC SUPPLY COMPANY	
STATUS		TITLE	
AS BUILT		RVSS UNIT	
DRAWN BY		DWG NO	
AG		3008215868W5	
APPROVED BY		PRODUCT TYPE	
AG		TASTAR	
SHEET NO		1 OF	

RCP 37 SK-1

RCP 37 SK-2

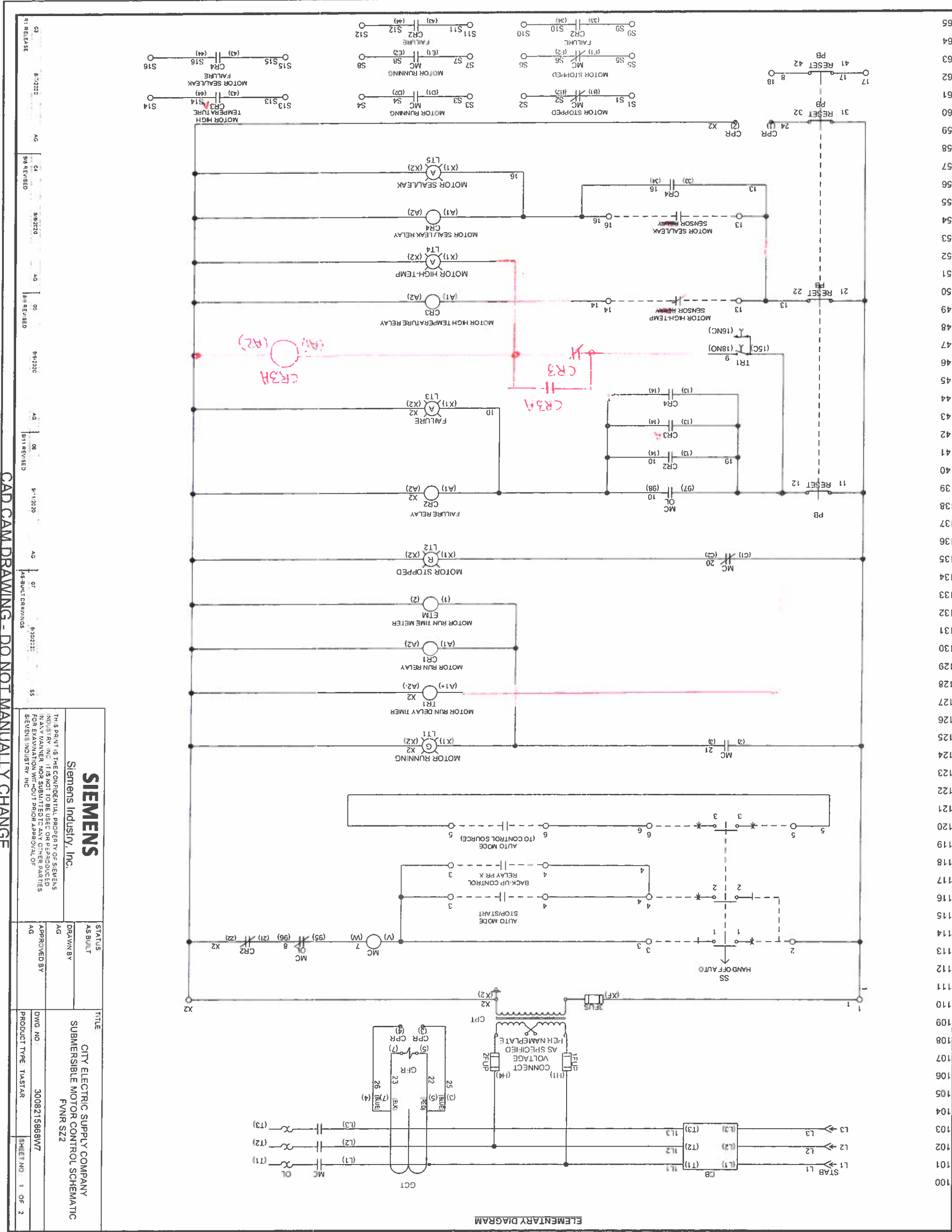


CAD/CAM DRAWING - DO NOT MANUALLY CHANGE

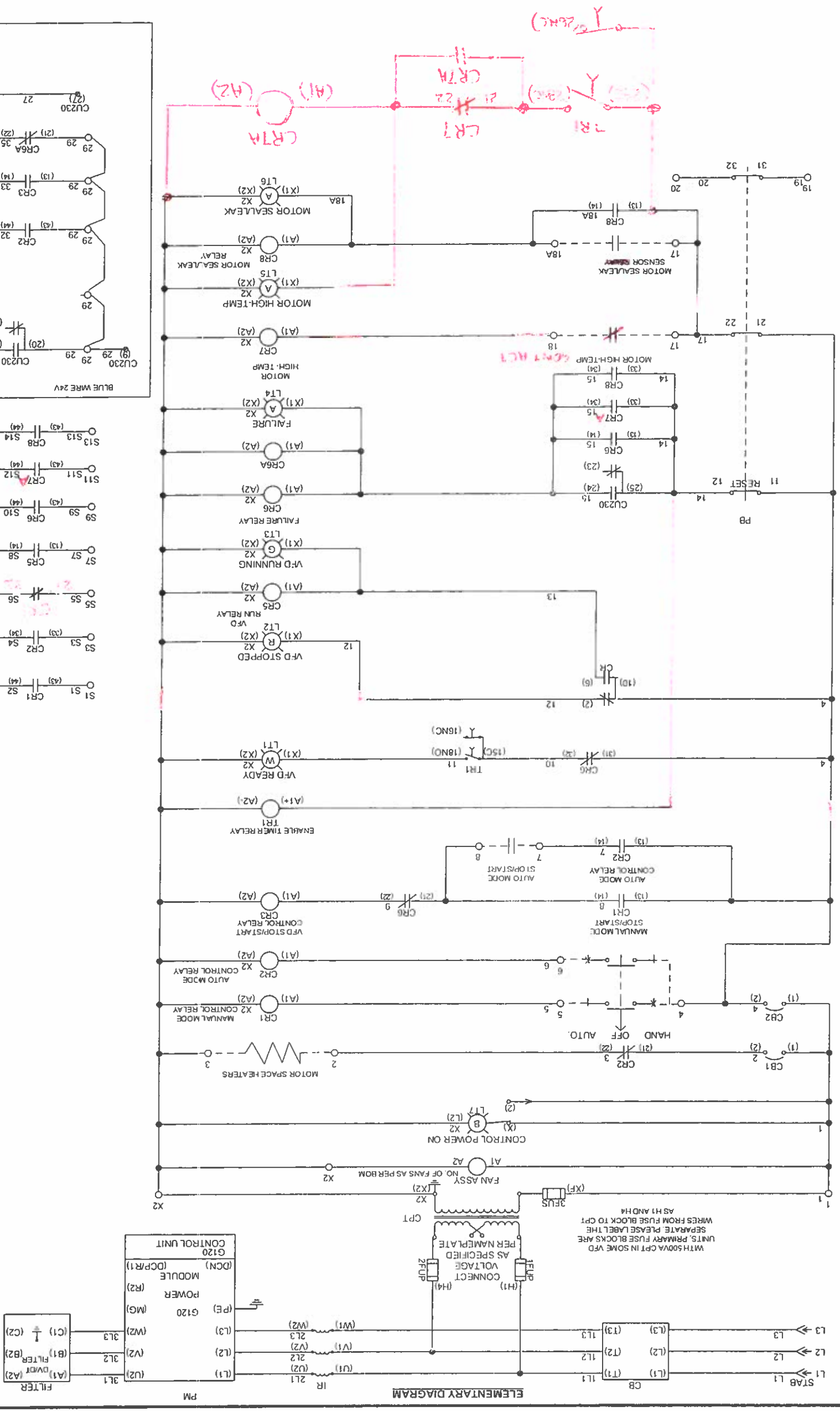


CS	8/7/2020	AG	C4	9/8/2020	AG	05	9/9/2020	AG	06	9/11/2020	AG	07	9/30/2022	SS
1	RELEASE		2	REVISED		3	REVISED		4	REVISED		5	REVISED	

<b>SIEMENS</b> Siemens Industry, Inc.		STATUS		TITLE	
THIS PRINT IS THE CONFIDENTIAL PROPERTY OF SIEMENS. IT IS NOT TO BE USED OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF SIEMENS INDUSTRY INC.		AS BUILT		CITY ELECTRIC SUPPLY COMPANY	
		DRAWN BY		SUBMERSIBLE MOTOR CONTROL SCHEMATIC	
		AG		FVNR S22	
		APPROVED BY		DWG NO	
		AG		3008215668W7	
		PRODUCT TYPE		TIASTAR	
				SHEET NO: 1 OF 2	



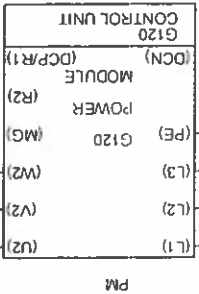
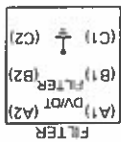




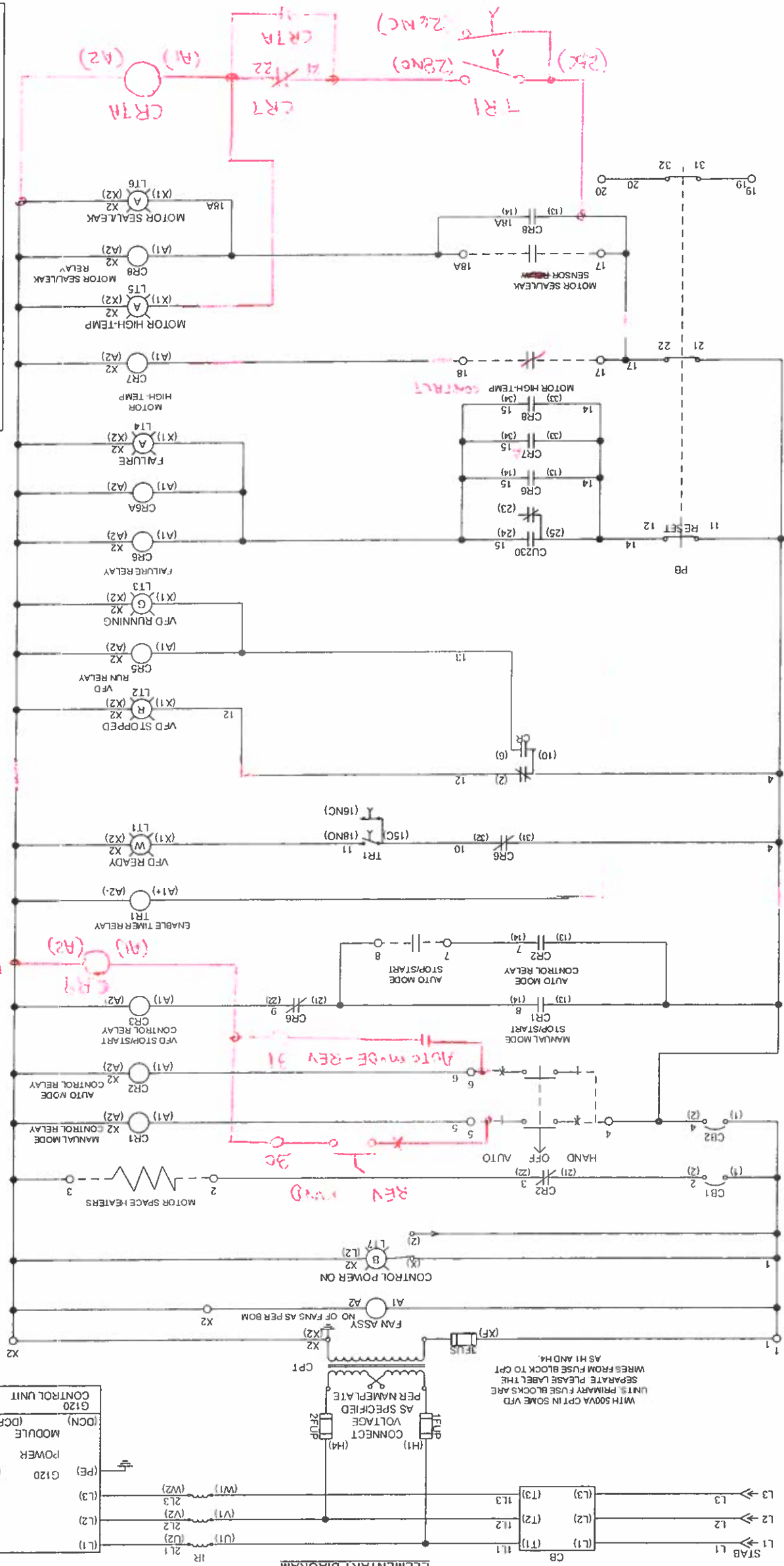
CAD CAM DRAWING - DO NOT MANUALLY CHANGE

Siemens Industry, Inc.		CITY ELECTRIC SUPPLY COMPANY	
VFD		VFD	
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STATUS AS BUILT		PRODUCT TYPE TIASTAR	
DRAWN BY AG		SHEET NO. 1 OF 2	
APPROVED BY AG			

RCP 37 SK-4



ELEMENTARY DIAGRAM

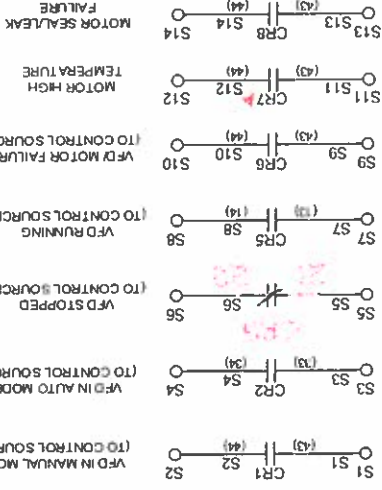
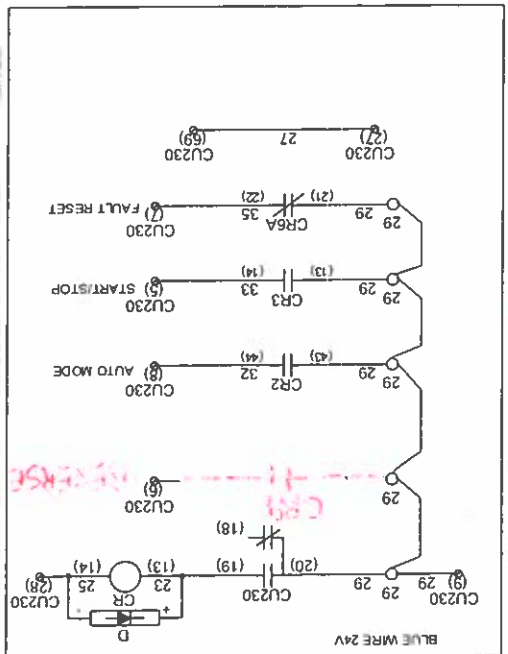


ONLY FOR VFD 41051, 41052

REVERSE

AUTO MODE-REV 31

REV 30



Siemens Industry, Inc.		CITY ELECTRIC SUPPLY COMPANY	
VFD		VFD	
STATUS		DRAWN BY	
AS BUILT		AG	
APPROVED BY		DWG NO.	
AG		3008215868WB	
PRODUCT TYPE		SHEET NO.	
TASTAR		1 OF 2	



T. A. Loving Company  
400 Patetown Road / P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order No.: 057  
Rev000

## PROPOSED CHANGE ORDER

Project Name:	Northeast Brunswick Regional WWTP Facility Expansion	TAL Proj. No.	3845
Location:	Navassa, NC	Date	11/29/2021
Owner:	Brunswick County	Drawing No.	
Engineer:	McKim&Creed	Spec. Section	

Reference: RFP No.: \_\_\_\_\_ Work Directive No.: \_\_\_\_\_ Field Order No.: 057 Other Change Request \_\_\_\_\_

PCO TITLE and Description: This Change Order is for modifications needed for the MCCs. RCP 37. This change order will effect the schedule by a minimum of 4 weeks.

1. LABOR (See attached itemized breakdown) .....	\$0.00
2. MATERIALS (See attached itemized breakdown) .....	\$0.00
3. EQUIPMENT/OTHER (See attached itemized breakdown) .....	\$0.00
4. TIME EXTENSION FIELD COSTS** ..... 0 DAYS @ \$0.00 PER DAY .....	\$0.00
5. SUB-TOTAL DIRECT WORK .....	\$0.00
6. OVERHEAD & PROFIT ON DIRECT WORK..... 15% .....	\$0.00
7. TOTAL DIRECT WORK .....	\$0.00

### SUBCONTRACTORS

NAME	DESCRIPTION	INVOICE/PROPOSAL DATE	
Melton Electric, Inc.	MCC Modifications	11/28/2021	
			\$12,631.56

8. SUB-TOTAL SUBCONTRACTOR WORK: .....	\$12,631.56
9. OVERHEAD & PROFIT ON SUBCONTRACTOR WORK..... 5% .....	\$631.58
10. TOTAL SUBCONTRACTOR WORK.....	\$13,263.14
11. SUB-TOTAL DIRECT AND SUBCONTRACTOR WORK.....	\$13,263.14
12. BOND & INSURANCE: ..... 0.00% of subtotal # 11 .....	\$0.00
13. TOTAL CHANGE PROPOSAL REQUEST.....	\$13,263.14

Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_

\*\* Schedule impact indeterminate at this time. The Contractor reserves its rights to a time extension and extended field costs due to the cumulative effect of changes.

Accepted By:

T. A. Loving Company

\_\_\_\_\_  
Date: \_\_\_\_\_

Brunswick County Public Utilities

\_\_\_\_\_  
Date: \_\_\_\_\_

McKim&Creed

\_\_\_\_\_  
Date: \_\_\_\_\_



T. A. Loving Company  
 400 Patetown Road P.O. Drawer 919  
 Goldsboro NC 27533-0919  
 919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
 Order  
 No.: 033  
 Rev000

## WORKSHEET SUMMARY

	Quantity	Rate	Unit	
<b>MATERIAL COST</b>				
A. Material (From take off worksheet)				\$0.00
B. Miscellaneous/Waste material			of A	\$0.00
C. Freight				\$0.00
D. SUBTOTAL				\$0.00
E. Sales Tax	Exempt	6.75%	of D	\$0.00
<b>F. TOTAL MATERIAL</b>				<b>\$0.00</b>
<b>LABOR COST</b>				
G. Labor (From takeoff worksheet)				\$0.00
H. Small Tools		1.50%	of Labor	\$0.00
I. Clean-up		1.00%	of Labor	\$0.00
J. Safety		1.00%	of Labor	\$0.00
K. Safety Training		0.75%	of Labor	\$0.00
L. Reproduction Costs				\$0.00
M. As-Built Drawings	0	\$73.00	HR	\$0.00
N. Testing		0.00%	of Labor	\$0.00
O. Warranty Work		0.00%	of Labor	\$0.00
P. Punch List		0.00%	of Labor	\$0.00
<b>Q. TOTAL LABOR</b>				<b>\$0.00</b>
<b>EQUIPMENT/OTHER</b>				
R. Equipment (From take off worksheet)				\$0.00
S. Equipment Fuel Surcharge		2.50%	of Equipment	\$0.00
T. Equipment Repairs		2.00%	of Equipment	\$0.00
U. Equipment Yard Work		2.00%	of Equipment	\$0.00
V. Assigned Equipment		0%	of Equipment	\$0.00
W. Other (From take off worksheet)				\$0.00
<b>X. TOTAL EQUIPMENT/OTHER</b>				<b>\$0.00</b>



T. A. Loving Company  
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Proposed Change  
Order  
No.: 033  
REV00

## TAKE OFF WORKSHEET

ITEM	DESCRIPTION	QTY.	UNIT	MATERIAL		LABOR		EQUIPMENT		OTHER	
				UNIT COST	TOTAL COST	LABOR RATE	TOTAL COST	UNIT COST	TOTAL COST	UNIT	TOTAL COST
			EA		\$0.00		0.00		0.00		0.00
			HR		\$0.00		0.00		0.00		
			HR		\$0.00		0.00		0.00		
			DY		\$0.00		0.00		0.00		
			HR		\$0.00		0.00		0.00		
			HR		\$0.00		0.00		0.00		
			HR		\$0.00		0.00		0.00		
			DY		\$0.00		0.00		0.00		
			SY		\$0.00		0.00		0.00		
					<b>0.00</b>		<b>0.00</b>		<b>0.00</b>		<b>0.00</b>



T. A. Loving Company  
400 Patetown Road P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order  
No.: 057  
Rev000

## TIME ANALYSIS

### SCHEDULE IMPACT NARRATIVE:

This will effect the schedule by 1 days.

TOTAL DAYS 0



T. A. Loving Company  
400 Patetown Road P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order  
No.: 057  
Rev00

## TIME EXTENSION FIELD COSTS

				Qty	Units	Unit Cost	Cost/Wk	Cost/Mo	Cost Per Day
	Site Project Manager			#####	HR	\$ 132.00			1056
	Superintendent			#####	HR	\$ 232.00			1856
	Project Engineer			#####	HR	\$ 90.00			720
	Surveyor				HR				
	Foreman			#####	HR	\$ 178.00			1424
	Subsistence/Per Diem( 5men)				DY				\$ -
	Hotel/Apartment Rent (1 Room)				DY				
	Hotel/Apartment Utilities								
	Apartment Furnishings								
	Temp Office Trailer								
	Temp Engineers Trailer								
	Temp Storage Trailer								
	Temp Utilities								
	Portable Toilets								
	Cellular Phones								
	Office Supplies								
	Office Equipment misc								
	Fax Machine								
	Copy Machine								
	Computer & Internet								
	Printer								
	Safety								
	Employee Drug Testing								
	Daily Cleanup								
	Dumpster								
	Drinking Water								
	Ice & Cups								
	Pick-Up Trucks								
	Gas & Oil								
	Equipment Repair								
	Warranty Extensions								
	Builders Risk Insurance								\$ -
TOTAL SITE GENERAL CONDITIONS COST PER DAY									\$0.00

**From:** Stacey Magnus <SMagnus@mckimcreed.com>  
**Sent:** Thursday, December 2, 2021 8:55 PM  
**To:** lelandb@meltonelectric-sc.com; Mason Goslee; Chase Hartley; David Pittman  
**Cc:** james.beachum@brunswickcountync.gov; 'Larry Melton'; Tony Boahn; Stacey Magnus  
**Subject:** RE: RCP 37 MCC Modifications Change Order

James

With that being the case then we're looking at 2 hours at each bucket at a rate of \$125/hr which seems reasonable given travel lodging meals etc. Can we move forward with authorizing the work?

---

**From:** [lelandb@meltonelectric-sc.com](mailto:lelandb@meltonelectric-sc.com) <[lelandb@meltonelectric-sc.com](mailto:lelandb@meltonelectric-sc.com)>  
**Sent:** Thursday, December 02, 2021 8:50 PM  
**To:** Stacey Magnus <[SMagnus@mckimcreed.com](mailto:SMagnus@mckimcreed.com)>; Mason Goslee <[MGoslee@mckimcreed.com](mailto:MGoslee@mckimcreed.com)>; 'Chase Hartley' <[chartley@taloving.com](mailto:chartley@taloving.com)>; 'David Pittman' <[dpittman@taloving.com](mailto:dpittman@taloving.com)>  
**Cc:** [james.beachum@brunswickcountync.gov](mailto:james.beachum@brunswickcountync.gov); [lelandb@meltonelectric-sc.com](mailto:lelandb@meltonelectric-sc.com); 'Larry Melton' <[Larrym@meltonelectric-sc.com](mailto:Larrym@meltonelectric-sc.com)>  
**Subject:** RE: RCP 37 MCC Modifications Change Order

Stacey, the short answer, I believe, would be 39 devices at 2 hrs, min, each, would give you @labor units; 78 hours. That's just time in front of MCC's...

Additionally, is cost of said relays and misc. materials Siemens needs to procure, and then I'd figure there is hotel and travel expense as this is a separate SOW from setting up drives, etc to which I believe your alluding too.

I see Siemens taking 2+ weeks based on the premise outlined above just to facilitate these changes- then work will begin on start up, which is contract.

And FYI, we're having a hard time getting A tech, so I don't expect 2 to show up.

Leland

## **Melton Electric, Inc.**

**Leland W. Burnham Jr.**

Project Manager

111 Jacob Lane

Myrtle Beach, SC. 29579

[843.236.3030](tel:843.236.3030) Office

[843.236.3040](tel:843.236.3040) Fax

[843.458.4814](tel:843.458.4814) Cell

[lelandb@meltonelectric-sc.com](mailto:lelandb@meltonelectric-sc.com)

[burnhamenergy@aol.com](mailto:burnhamenergy@aol.com)

*"The challenge of leadership is to be strong, but not rude; be kind, but not weak; be bold, but not bully;*



*be thoughtful, but not lazy; be humble, but not timid; be proud, but not arrogant; have humor, but without folly."*

---

**From:** Stacey Magnus <[SMagnus@mckimcreed.com](mailto:SMagnus@mckimcreed.com)>  
**Sent:** Thursday, December 2, 2021 8:40 PM  
**To:** 'Leland B' <[lelandb@meltonelectric-sc.com](mailto:lelandb@meltonelectric-sc.com)>; Stacey Magnus <[SMagnus@mckimcreed.com](mailto:SMagnus@mckimcreed.com)>; Mason Goslee <[MGoslee@mckimcreed.com](mailto:MGoslee@mckimcreed.com)>; Chase Hartley <[chartley@taloving.com](mailto:chartley@taloving.com)>; David Pittman ([dpittman@taloving.com](mailto:dpittman@taloving.com)) <[dpittman@taloving.com](mailto:dpittman@taloving.com)>  
**Cc:** [james.beachum@brunswickcountync.gov](mailto:james.beachum@brunswickcountync.gov)  
**Subject:** FW: RCP 37 MCC Modifications Change Order

Leland

We appreciate the additional documentation however how many days/ man hours are part of the quote? We understand what is being done however how many hours are we being requested to pay to be paid for? The additional cost really involves the additional time spent on the job site that is above and beyond that required by contract.

---

**From:** [lelandb@meltonelectric-sc.com](mailto:lelandb@meltonelectric-sc.com) <[lelandb@meltonelectric-sc.com](mailto:lelandb@meltonelectric-sc.com)>  
**Sent:** Thursday, December 02, 2021 2:53 PM  
**To:** Stacey Magnus <[SMagnus@mckimcreed.com](mailto:SMagnus@mckimcreed.com)>; 'Chase Hartley' <[chartley@taloving.com](mailto:chartley@taloving.com)>  
**Cc:** 'David Pittman' <[dpittman@taloving.com](mailto:dpittman@taloving.com)>; [lelandb@meltonelectric-sc.com](mailto:lelandb@meltonelectric-sc.com); 'Larry Melton' <[Larrym@meltonelectric-sc.com](mailto:Larrym@meltonelectric-sc.com)>  
**Subject:** RE: RCP 37 MCC Modifications Change Order

All, please see attached RCP 37 / CO 42 LB revision #1 and supporting documentation requested.

I've also attached email excerpts below with SOW detailed from Siemens Field Services PM.

I anticipate this information, herein, with attachments, satisfactorily explains modifications required.

Regards

Leland

---

**From:** Greene, Doris (RC-US SI RAM Z7 OPS EOC FLD-E) <[doris.greene@siemens.com](mailto:doris.greene@siemens.com)>  
**Sent:** Thursday, December 2, 2021 10:03 AM  
**To:** Vaughn, Stuart (RC-US SI S&OP EIS R-EAST SME4) <[stuart.vaughn@siemens.com](mailto:stuart.vaughn@siemens.com)>  
**Cc:** Richard Smith ([Richard.S.Smith@cityelectricsupply.com](mailto:Richard.S.Smith@cityelectricsupply.com)) <[Richard.S.Smith@cityelectricsupply.com](mailto:Richard.S.Smith@cityelectricsupply.com)>  
**Subject:** RE: BCPU NEW WWTP- RCP to address MCC issues

Stuart,

There are 39 total locations, which consist of VFD buckets, SSRV buckets and FVNR buckets. All buckets will require a design change in order to work properly and provide auto restart functionality.

This will require wiring changes and replacing one relay per style of bucket. Estimated time of 2 hours per location.

I've asked for the next available date for the site visit...will confirm shortly.

With best regards,

Doris Greene  
Associate Project Manager  
Electrical Services Operations Center  
Smart Infrastructure - RAM

Siemens Industry, Inc  
100 Technology Dr  
Alpharetta, GA 30005  
Mobile: 470-595-7862  
Email: [doris.greene@siemens.com](mailto:doris.greene@siemens.com)  
<http://www.siemens.com> <<http://www.siemens.com>>

**From:** Vaughn, Stuart (RC-US SI S&OP EIS R-EAST SME4) <[stuart.vaughn@siemens.com](mailto:stuart.vaughn@siemens.com)>  
**Sent:** Thursday, December 2, 2021 9:06 AM  
**To:** Greene, Doris (RC-US SI RAM Z7 OPS EOC FLD-E) <[doris.greene@siemens.com](mailto:doris.greene@siemens.com)>  
**Cc:** Richard Smith ([Richard.S.Smith@cityelectricsupply.com](mailto:Richard.S.Smith@cityelectricsupply.com)) <[Richard.S.Smith@cityelectricsupply.com](mailto:Richard.S.Smith@cityelectricsupply.com)>  
**Subject:** FW: BCPU NEW WWTP- RCP to address MCC issues

Just adding consultants notes..

**From:** Vaughn, Stuart (RC-US SI S&OP EIS R-EAST SME4)  
**Sent:** Thursday, December 2, 2021 9:00 AM  
**To:** Greene, Doris (RC-US SI RAM Z7 OPS EOC FLD-E) <[doris.greene@siemens.com](mailto:doris.greene@siemens.com)>  
**Subject:** RE: BCPU NEW WWTP- RCP to address MCC issues

Doris, the EC has to write up a formal 'quotation' for the services change order attached. Can you send us a breakdown of the device counts and what is entailed for these changes. money amounts are not needed. Just a summary of what we will be doing.

Please confirm when we will have someone back out to do this also, if possible.

Thanks Doris and please call with any questions.

Stuart Vaughn

**From:** Vaughn, Stuart (RC-US SI S&OP EIS R-EAST SME4)  
**Sent:** Tuesday, November 23, 2021 10:12 AM  
**To:** Greene, Doris (RC-US SI RAM Z7 OPS EOC FLD-E) <[doris.greene@siemens.com](mailto:doris.greene@siemens.com)>  
**Subject:** FW: BCPU NEW WWTP- RCP to address MCC issues

## Melton Electric, Inc.

**Leland W. Burnham Jr.**

Project Manager

111 Jacob Lane

Myrtle Beach, SC. 29579

[843.236.3030](tel:843.236.3030) Office

[843.236.3040](tel:843.236.3040) Fax

[843.458.4814](tel:843.458.4814) Cell

[lelandb@meltonelectric-sc.com](mailto:lelandb@meltonelectric-sc.com)

[burnhamenergy@aol.com](mailto:burnhamenergy@aol.com)

*"The challenge of leadership is to be strong, but not rude; be kind, but not weak; be bold, but not bully; be thoughtful, but not lazy; be humble, but not timid; be proud, but not arrogant; have humor, but without folly."*

---

**From:** Stacey Magnus <[SMagnus@mckimcreed.com](mailto:SMagnus@mckimcreed.com)>

**Sent:** Wednesday, December 1, 2021 11:17 AM

**To:** Chase Hartley <[chartley@taloving.com](mailto:chartley@taloving.com)>; 'Leland B' <[lelandb@meltonelectric-sc.com](mailto:lelandb@meltonelectric-sc.com)>

**Cc:** David Pittman <[dpittman@taloving.com](mailto:dpittman@taloving.com)>; [james.beachum@brunswickcountync.gov](mailto:james.beachum@brunswickcountync.gov); Jason Gillentine <[JGillentine@mckimcreed.com](mailto:JGillentine@mckimcreed.com)>; Tony Boahn <[TBOAHN@mckimcreed.com](mailto:TBOAHN@mckimcreed.com)>

**Subject:** RE: RCP 37 MCC Modifications Change Order

Chase

We need an itemized breakdown on the Siemens quote pls.

---

**From:** Chase Hartley <[chartley@taloving.com](mailto:chartley@taloving.com)>

**Sent:** Tuesday, November 30, 2021 9:21 AM

**To:** Stacey Magnus <[SMagnus@mckimcreed.com](mailto:SMagnus@mckimcreed.com)>

**Cc:** David Pittman <[dpittman@taloving.com](mailto:dpittman@taloving.com)>

**Subject:** RCP 37 MCC Modifications Change Order

Stacey,

See attached change order for MCC modifications needed per RCP 37.

Thanks,

Chase Hartley

Project Engineer

Utility Division

C:919-440-6890



**T. A. LOVING COMPANY**

400 PATETOWN ROAD | GOLDSBORO, NORTH CAROLINA 27530

919.734.8400 (T) | 919.736.2148 (F)

## **Disclaimer**

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T. A. Loving Company  
400 Patetown Road / P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order No.: 076  
Rev000

## PROPOSED CHANGE ORDER

Project Name:	Northeast Brunswick Regional WWTP Facility Expansion	TAL Proj. No.	3845
Location:	Navassa, NC	Date	9/17/2022
Owner:	Brunswick County	Drawing No.	
Engineer:	McKim&Creed	Spec. Section	

Reference: RFP No.: \_\_\_\_\_ Work Directive No.: \_\_\_\_\_ Field Order No.: 076 \_\_\_\_\_ Other Change Request \_\_\_\_\_

PCO TITLE and Description: This Change Order is for additional bond that was not added on to change orders throughout the job.

1. LABOR (See attached itemized breakdown) .....	\$0.00
2. MATERIALS (See attached itemized breakdown) .....	\$9,397.47
3. EQUIPMENT/OTHER (See attached itemized breakdown) .....	\$0.00
4. TIME EXTENSION FIELD COSTS** ..... 0 DAYS @ \$0.00 PER DAY .....	\$0.00
5. SUB-TOTAL DIRECT WORK .....	\$9,397.47
6. OVERHEAD & PROFIT ON DIRECT WORK..... 0% .....	\$0.00
7. TOTAL DIRECT WORK .....	\$9,397.47

### SUBCONTRACTORS

NAME	DESCRIPTION	INVOICE/PROPOSAL DATE	

8. SUB-TOTAL SUBCONTRACTOR WORK: .....	\$0.00
9. OVERHEAD & PROFIT ON SUBCONTRACTOR WORK..... 5% .....	\$0.00
10. TOTAL SUBCONTRACTOR WORK.....	\$0.00
11. SUB-TOTAL DIRECT AND SUBCONTRACTOR WORK.....	\$9,397.47
12. BOND & INSURANCE: ..... 0.00% of subtotal # 11 .....	\$0.00
13. TOTAL CHANGE PROPOSAL REQUEST.....	\$9,397.47

Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_

\*\* Schedule impact indeterminate at this time. The Contractor reserves its rights to a time extension and extended field costs due to the cumulative effect of changes.

Accepted By:

T. A. Loving Company

\_\_\_\_\_  
Date: \_\_\_\_\_

Brunswick County Public Utilities

\_\_\_\_\_  
Date: \_\_\_\_\_

McKim&Creed

\_\_\_\_\_  
Date: \_\_\_\_\_



T. A. Loving Company  
400 Patetown Road P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order  
No.: 076  
Rev000

## WORKSHEET SUMMARY

	Quantity	Rate	Unit	
<b>MATERIAL COST</b>				
A. Material (From take off worksheet)				\$9,397.47
B. Miscellaneous/Waste material			of A	\$0.00
C. Freight				\$0.00
D. SUBTOTAL				\$9,397.47
E. Sales Tax	Exempt		of D	\$0.00
<b>F. TOTAL MATERIAL</b>				<b>\$9,397.47</b>
<b>LABOR COST</b>				
G. Labor (From takeoff worksheet)				\$0.00
H. Small Tools		1.50%	of Labor	\$0.00
I. Clean-up		1.00%	of Labor	\$0.00
J. Safety		1.00%	of Labor	\$0.00
K. Safety Training		0.75%	of Labor	\$0.00
L. Reproduction Costs				\$0.00
M. As-Built Drawings	0	\$73.00	HR	\$0.00
N. Testing		0.00%	of Labor	\$0.00
O. Warranty Work		0.00%	of Labor	\$0.00
P. Punch List		0.00%	of Labor	\$0.00
<b>Q. TOTAL LABOR</b>				<b>\$0.00</b>
<b>EQUIPMENT/OTHER</b>				
R. Equipment (From take off worksheet)				\$0.00
S. Equipment Fuel Surcharge		2.50%	of Equipment	\$0.00
T. Equipment Repairs		2.00%	of Equipment	\$0.00
U. Equipment Yard Work		2.00%	of Equipment	\$0.00
V. Assigned Equipment		0%	of Equipment	\$0.00
W. Other (From take off worksheet)				\$0.00
<b>X. TOTAL EQUIPMENT/OTHER</b>				<b>\$0.00</b>



T. A. Loving Company  
400 Patetown Road P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order  
No.: 076  
REV00

## TAKE OFF WORKSHEET

ITEM	DESCRIPTION	QTY.	UNIT	MATERIAL		LABOR		EQUIPMENT		OTHER	
				UNIT COST	TOTAL COST	LABOR RATE	TOTAL COST	UNIT COST	TOTAL COST	UNIT	TOTAL COST
	Additional Bond	1	LS	\$9,397.47	\$9,397.47						0.00
			LS		\$0.00						
			LS		\$0.00						
			LS		\$0.00		0.00				
			HR		\$0.00		0.00				
			HR		\$0.00		0.00				
			HR		\$0.00				0.00		
					9,397.47		0.00		0.00		0.00



T. A. Loving Company  
400 Patetown Road P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order  
No.: 076  
Rev000

## TIME ANALYSIS

### SCHEDULE IMPACT NARRATIVE:

This will effect the schedule by 5 days.

TOTAL DAYS 0





T. A. Loving Company  
400 Patetown Road P.O. Drawer 919  
Goldsboro NC 27533-0919  
919-734-8400 (phone) 919-736-2148 (fax)

Proposed Change  
Order  
No.: 076  
Rev00

## TIME EXTENSION FIELD COSTS

				Qty	Units	Unit Cost	Cost/Wk	Cost/Mo	Cost Per Day
	Site Project Manager			#####	HR	\$ 132.00			1056
	Superintendent			#####	HR	\$ 232.00			1856
	Project Engineer			#####	HR	\$ 90.00			720
	Surveyor				HR				
	Foreman			#####	HR	\$ 178.00			1424
	Subsistence/Per Diem( 5men)				DY				\$ -
	Hotel/Apartment Rent (1 Room)				DY				
	Hotel/Apartment Utilities								
	Apartment Furnishings								
	Temp Office Trailer								
	Temp Engineers Trailer								
	Temp Storage Trailer								
	Temp Utilities								
	Portable Toilets								
	Cellular Phones								
	Office Supplies								
	Office Equipment misc								
	Fax Machine								
	Copy Machine								
	Computer & Internet								
	Printer								
	Safety								
	Employee Drug Testing								
	Daily Cleanup								
	Dumpster								
	Drinking Water								
	Ice & Cups								
	Pick-Up Trucks								
	Gas & Oil								
	Equipment Repair								
	Warranty Extensions								
	Builders Risk Insurance								\$ -
TOTAL SITE GENERAL CONDITIONS COST PER DAY									\$0.00



400 Patetown Rd  
Goldsboro, NC 27530  
919.734.8400  
NC GC No. 325

September 15, 2022

James Beachum  
Brunswick County Public Utilities  
PO Box 249  
Bolivia, NC 28422

RE: NE Brunswick Regional Water Reclamation Facility 2.5 MGD Expansion

Dear Mr. Beachum:

In response to your request for additional bond and insurance premium information; we offer the following:

The Bonding Company has indicated there will be no additional charges to keep the contract open. However, in determining this information; it was discovered that the bond/insurance 1 ½% fee associated with each change order was not calculated when change order proposals were submitted on the project. Based on Change Orders 1 and 2 and the anticipated Change Order no 3 which will take the contract value to \$42,299,728 – the following additional charges are due.

Additional Bond/Insurance Premium Charge

\$9,397.47

Please advise if there are any questions.

Sincerely,

T. A. Loving Company

A handwritten signature in black ink, appearing to read "David Pittman".

David Pittman  
Vice President/Project Manager



400 Patetown Rd  
Goldsboro, NC 27530  
919.734.8400  
NC GC No. 325

September 15, 2022

James Beachum  
Brunswick County Public Utilities  
PO Box 249  
Bolivia, NC 28422

RE: NE Brunswick Regional Water Reclamation Facility 2.5 MGD Expansion

Dear Mr. Beachum:

In response to your request for additional bond and insurance premium information; we offer the following:

The Bonding Company has indicated there will be no additional charges to keep the contract open. However, in determining this information; it was discovered that the bond/insurance 1 ½% fee associated with each change order was not calculated when change order proposals were submitted on the project. Based on Change Orders 1 and 2 and the anticipated Change Order no 3 which will take the contract value to \$42,299,728 – the following additional charges are due.

Additional Bond/Insurance Premium Charge

\$9,397.47

Please advise if there are any questions.

Sincerely,

T. A. Loving Company

A handwritten signature in black ink, appearing to read "David Pittman".

David Pittman  
Vice President/Project Manager