EXHIBIT N

LUMP SUM AMENDMENT AGREEMENT FORM

Pursuant to Sections 3B and 5A of the Design Build Agreement, dated **May 11, 2021**, between Pinellas County, Florida ("Owner") and Rocha Controls "Design Builder"), for the design and construction of the ("Project"), Owner and Design Builder establish the Lump Sum Price and Contract Time for all the Work as set forth below:

ARTICLE 1

SCOPE OF WORK

The scope of the Work consists of the design and construction of the Project in accordance with the Agreement, this Amendment and other Contract Documents listed as Attachments 1 though 6 below, which are hereby incorporated into and made a part of the Amendment by this reference:

Attachment Number	Description	Pages
1.	List of Drawings and Specifications	13
2.	Schedule of Values	11
3.	Clarifications, & Exclusions	1
4.	Completion Schedule	2
5.	List of Subcontractors and Major Suppliers	1
6.	Allowances	1

DIRECT PURCHASES

The Owner, at its sole discretion, may elect to directly purchase materials and/or equipment included in the Guaranteed Maximum Price in order to take advantage of tax savings. Should the Owner elect to purchase materials and/or equipment directly, the general procedure shall be as follows:

1. All subcontracts shall be competitively bid by the Design Builder as outlined in other sections of this Agreement.

2. Each selected subcontractor shall submit a documented list of materials and/or equipment in the scope of its work in excess of \$15,000 along with the amount of sales tax applicable to such material and/or equipment.

3. The Design Builder shall forward these lists to the Owner, and the Owner shall obtain a purchase order for each item.

4. Once purchase orders have been obtained by the Owner for direct payment of these items, the Design Builder shall remove their direct cost from the schedule of Values accompanying its monthly pay applications. Tax savings realized from the Owner's direct purchase of each item, shall be transferred in the Schedule of Values to the line item for the Owner's Contingency. No retainage will be held on Direct Purchase material.

5. The Design Builder will order the materials as approved by the Owner (County Project Manager).

6. Invoices will be delivered directly to the Design Builder.

7. The Design Builder and the Owner will sign off on the packing slips to ensure materials ordered were received.

8. Design Builder will match the invoices to the packing slips and submit to the Owner (Pinellas County's Finance Department) via email to <u>ClerkFinanceDivisionFixedAssets@co.pinellas.fl.us</u> to ensure the vendor/subcontractor is paid timely. The invoices must be received in a timely manner in order to comply with Section 218.735, *Florida Statutes* "Local Government Prompt Payment Act". Design Builder should date and time stamp all direct purchases invoices.

ARTICLE 2

LUMP SUM PRICE

2.1 The Lump Sum Price for the Work, as defined in Section 3B of the Agreement, is Four million five hundred sixty-seven thousand eight hundred ninety-eight Dollars (\$4,567,898.00)

2.2 Monthly installment payment of the Lump Sum Price shall be based upon the percent completion of the designated portion of the Work for each particular month.

2.3 In order to efficiently and timely address certain Change Order situations that may arise during Phase 2, the parties have agreed to establish an Owner controlled contingency within the Lump Sum Price in the amount of **One hundred fifty-six thousand thirty-three dollars (\$156,033.00)** ("Owner's Contingency"). The Design Builder acknowledges and agrees that any change work which is to be charged against the Owner's Contingency must be approved in advance in a Change Order or Construction Change Directive signed by the **Project Manager.** The Owner reserves the right, at its sole discretion, to withhold its consent on Owner's Contingency expenditures. Unused Owner's Contingency remaining at Substantial Completion will be deducted from the Lump Sum Price. Design Builder has no entitlement to any portion of any unused Owner's Contingency.

2.4 If the parties agree to establish Allowances within the Lump Sum Price, said Allowances items and amounts will be identified in Attachment 6. Design Builder shall not proceed with any portion of the Work associated with the aforesaid Allowances ("Allowance Work") without first obtaining Owner's express written authorization to proceed with said Allowance Work.

2.5 Design Builder recognizes that this Contract includes work for trench excavation in excess of five feet deep. Design Builder acknowledges the requirements set forth in Section 553.63 of the Florida Statutes titled Trench Safety Act. Design Builder certifies that the required trench safety standards will be in effect during the period of construction of the Project and Design Builder agrees to comply with all such required trench safety standards.

2.5.1 The amount of **Two million four hundred eighty-five thousand two hundred sixty-five dollars (\$2,485,265.00)** has been separately identified in Attachment 2, Schedule of Values, for the cost of compliance with the required trench safety standards; said amount is included within the Lump Sum Price.

ARTICLE 3

CONTRACT TIME

3.1 The Phase 2 Commencement Date for the Work is <u>TBD.</u> The total period of time beginning with the Phase 2 Commencement date through the date required for Substantial Completion of the Work is **Seven hundred five (705)** days ("Contract Time"). THE SUBSTANTIAL COMPLETION DATE IS THEREFORE ESTABLISHED AS <u>TBD.</u>

3.2 Pursuant to this Agreement, the parties have established a liquidated damage rate for reasons stated therein, which the parties acknowledge and agree apply to this Amendment and Design Builder's responsibility to complete the Work within the Contract Time as stated herein. Accordingly, the liquidated damage rate established in this Agreement shall be assessed from Design Builder for each calendar day Design Builder fails to achieve Substantial Completion for the Designated Work within the Contract Time.

ARTICLE 4

MISCELLANEOUS

4.1 Except as expressly modified herein, the terms and conditions of the Agreement remain unchanged. In the event of a conflict between the terms of this Amendment and those of the Agreement, Owner and Design Builder agree that the terms of this Amendment shall prevail and control.

Owner

By: _____

Design Builder Rocha Controls

Print Name: Raymond Rocha.

By:

Print Name:

Its: Board of County Commissioners

Date:

Its: President Date: 8/30/2022

APPROVED AS TO FORM

By: <u>Jacina Parson</u>

Office of the County Attorney

CONA Design Build Agreement CCNA Design Build Agreement

Attachment 1 List of Drawings, Specifications, and Addendums



Rocha Controls - Municipal and Industrial Control Systems 5025 Rio Vista Ave Tampa, FL 33634 813-628-5584 ph 813-664-6713 fax www.rochacontrols.com

ATTACHMENT 1 Rocha Controls' Phase II Construction Project Scope Quantum and Unity Upgrades - Rebid Contract No. 190-0132-NC (PLU)

Rocha Controls is be providing Design/Build (D/B) services to upgrade the Programmable Logic Controllers (PLCs) at: 1) South Cross Bayou Water Reclamation Facility (WRF), 2) W.E. Dunn WRF, 3) S.K. Keller Water Treatment Facility, 4) Waste to Energy Plant and 5) Synagro. We have completed and submitted the proposed construction plans and preliminary programing documents for upgrade during the Phase 1 design services. The scope of work will require the replacement of outdated Schneider Electric Quantum and Momentum series PLCs with new M340 or M580 platforms, ancillary components and systems. A list of each panel along with a brief scope of work is provided in Attachment 1. The Phase 2 services will include the following:

- Finalize Panel Drawings and comments received from Owner, issued For Construction Drawings
- PLC Programming for each panel
- HMI Programming for each panel
- Test Plan Development
- Programming Review Meeting Weekly and Monthly as needed to coordinate with Owner staff and plant operations
- Physical demolition of old PLCs and installation of new PLC hardware.
- As-install Drawings, Hardware & Software O&M Development
- Start-up, performance testing, Pinellas County staff training on the new PLC equipment and commissioning.

Contract # 190-0132-NC (PLU)



ATTACHMENT #1 - List of Panels and Scope of Work South Cross Bayou WRF, WE Dunn WRF, SK Keller WTF



	Description	Name/Site ID	Current PLC	Current Programming Software	Design Guideline Recommendation Upgrade	Rocha Controls Recommendation Upgrade	Re-Write/Convert Recommendation	Proposed scope of work
	Keller Stations							
1	Gulf Beach Pump Station	Gulf Beach Control Panel	Quantum		TBD	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning <i>REPLACE ENCLOSURE AND RAISE ELEVATION.</i>
2	Gulf Beach Pump Station - RIO	Gulf Beach NaOCl RIO Panel	Quantum	Unity	TBD	RIO	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new Modicon X80 remote I/O rack Organize and Clean-up panel Startup, Training and Commisioning
3	Logan Pump Station - LCP	LCP-2000	Quantum		TBD	M580	Unity now Upgrade to latest version	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
4	Logan Pump Station - RIO	NaOCl RIO Panel	Quantum	Unity	TBD	RIO	N/A	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new Modicon X80 remote I/O rack Organize and Clean-up panel Startup, Training and Commisioning
	W.E. Dunn Water Reclamation	Facility PLCs		_			_	Demote artistics O and an DLC
5	Sludge Dewatering	PLC-12	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
6	Sludge Dewatering Drop 1	PLC-12-D1	Quantum	ProWORX 33	TBD	N/A	N/A	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new Modicon X80 remote I/O rack Organize and Clean-up panel Startup, Training and Commisioning
7	Sludge Dewatering Drop 2	PLC-12-D2	Quantum	ProWORX 34	TBD	N/A	N/A	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new Modicon X80 remote I/O rack Organize and Clean-up panel Startup, Training and Commisioning
8	East Generator	PLC-13	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
9	Grit Removal Facility	PLC-18 GRIT	Quantum	Unity	M340	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning REPLACE DOORS. ADD SUNSHIELDS AND DOOR HARDWARE
10	Dewatering Presses	PLC-21	Quantum	Unity	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
11	Admin	PLC-17	Momentum	ProWORX 32	M340	M340	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M340 Organize and Clean-up panel Startup, Training and Commisioning
12	CHLOR	PLC-15	Momentum	Unity	M340	M340	Unity now Upgrade to latest version	REMOVED FROM SCOPE.
13	Innisbrook	PLC-19	Quantum	Unity	M340	M340	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M340 Organize and Clean-up panel Startup, Training and Commisioning
14	Dry Polymer – 1st Floor Press	PLC-20	Momentum	Unity	M340	M340	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M340 Organize and Clean-up panel Startup, Training and Commisioning
15	Oldsmar	PCP-800	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning

	Description	Name/Site ID	Current PLC	Current Programming Software	Design Guideline Recommendation Upgrade	Rocha Controls Recommendation Upgrade	Re-Write/Convert Recommendation	Proposed scope of work
16	South Cross Bayou Water Recla	SCB_FOG	Momentum	ProWORX 32	M340	RIO	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new Modicon X80 remote I/O rack Organize and Clean-up panel Startup, Training and Commisioning
17	UV Ozonia	UV_MCP1	Quantum	ProWORX 32	M580	TEMP HOLD	TEMP HOLD	REMOVED FROM SCOPE.
18	Rotary Drum Thickener 1	THKNR_RDT1	Momentum	ProWORX 32	M340	RIO	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new Modicon X80 remote I/O rack Organize and Clean-up panel Startup, Training and Commisioning
19	Rotary Drum Thickener 2	THKNR_RDT2	Momentum	ProWORX 32	M340	RIO	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new Modicon X80 remote I/O rack Organize and Clean-up panel Startup, Training and Commisioning
20	Rotary Drum Thickener 3	THKNR_RDT3	Momentum	ProWORX 32	M340	RIO	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new Modicon X80 remote I/O rack Organize and Clean-up panel Startup, Training and Commisioning
21	Rotary Drum Thickener Main	THKNR_PLCA	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
22	Sludge Holding Tank	THKNR_PLCB	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
23	WAS Odor Control	TANK501	Momentum	ProWORX 32	M340	***	Rewrite	REMOVED FROM SCOPE
24	Digester	LCP20300	Quantum	ProWORX 32	M580	M580	Convert Add Standard FBs for: AI's, motors, and valve types	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new schneider electric M580 and Modicon X80 remote I/O rack Organize and Clean-up panel Startup, Training and Commisioning
25	Graphical Display	GRAPHICs	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commissioning
26	Reclaimed Water	LCPRCW	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
27	Dewatering Centrifuge 1	UPC-701	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
28	Dewatering Centrifuge 2	UPC-702	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
29	Dewatering Centrifuge 3	UPC-703	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
30	South Train Pump Station	LCP2420	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
31	North Train Pump Station	LCP5420	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
32	Influent Pump Station	LCP0030	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
33	Generator Building 2	LCP0022	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning

	Description	Name/Site ID	Current PLC	Current Programming Software	Design Guideline Recommendation Upgrade	Rocha Controls Recommendation Upgrade	Re-Write/Convert Recommendation	Proposed scope of work
34	Generator Building 3	LCP0600	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
35	Generator Building 4	LCP0024	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
36	Aerator Blower Building	LCPABB	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
37	Chlorination	LCPCHLOR	Quantum	ProWORX 32	M580	Move to LCP1400	Rewrite in LCP 1400	 Convert CHLOR panel to RIO drop move signals to LCP-1400. <i>Cut Trench across road to PLC-1400.</i> <i>Install new conduit and pull cables conductors to LCP-1400</i> <i>Install new SE M580 in LSP-1400</i> Organize and Clean-up both panels Startup, Training and Commissioning
38	Dechlorination	LCPDECHLOR	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
39	Polymer Control Panel	DWPOLYMER	Momentum	ProWORX 32	M580	M580	Unity now Upgrade to latest version	REMOVED FROM SCOPE.
40	Generator Building 1	LCPGEN1	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
41	RTU-62	RTU-062	Momentum	ProWORX 32	M340	RIO	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new schneider electric M580 and Modicon X80 remote I/O rack Organize and Clean-up panel Startup, Training and Commisioning
42	McKay PS Primary/Secondary	UCP-100/01	(2) Quantum	ProWORX 32	M580s	(2) M580s	Rewrite	 Remove existing Quantum PLC Install new (2) SE M580 Organize and Clean-up panel Startup, Training and Commisioning ADD NEW ENCLOSURE Instil (2) pull boxes to relocvated conductors to new Panel Relocate existing panels to make room for new Panel on back side of wall
43	Pump Station 54	Pump Station Control Panel	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
44	Bellair PS-080	РСР	Quantum	ProWORX 32	M580	(2) M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
45	Bellair RCW	RTU	Quantum	ProWORX 32	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
46	PS-016	LCP-1601	Quantum	ProWORX 32	M580	(2) M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning Install new conduit between LCP-1601 & LCP-1601 Drop
47	PS-016	LCP-1601 DROP 12	Quantum	ProWORX 32	M580s	N/A	N/A	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
48	St. Pete Beach RCW- 570	St. Pete Beach RCW- 570	Quantum	ProWORX 33	M580	M580	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
49	PTOC	LCP0111	Quantum	ProWORX 33	N/A	N/A	Rewrite	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning Install new conduit between LCP-10111 to new Headworks Panel (UCP-200) Install new conduit between LCP-10111 to new Headworks Panel (UCP-200)

	Description	Name/Site ID	Current PLC	Current Programming Software	Design Guideline Recommendation Upgrade	Rocha Controls Recommendation Upgrade	Re-Write/Convert Recommendation	Proposed scope of work
	Waste to Energy WTP							
50	Filtration System Control Panel	30-CP-1	Quantum	Unity	NA	M580	Conversion	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
51	RO Skid 1	70-CP-1	Quantum	Unity	NA	M580	Conversion	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
52	RO Skid 2	70-CP-2	Quantum	Unity	NA	M580	Conversion	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
53	Process Control	240-PLC-1	Quantum	Unity	NA	M580	Conversion	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
54	Influent Pump Station	10-CP-1	Quantum	Unity	NA	M580	Conversion	 Remove existing Quantum PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning

	Synagro							
4	0 Hauck BMP Burner Control (PLC-20) SLC-500	PLC 20	Allen Bradley	RS 500	NA	M580	Conversion	 Remove existing AB PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning NEW ENCLOSURE New Conduit and FO Cable is required between PLC-20 and PLC60

51	Andritx/CECO RTO Burner Head End (PLC-60)	PLC 60	Allen Bradley	RS 500	NA	M580	Conversion	 Remove existing AB PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
52	Andritx/CECO RTO Burner (RIO-60)	RIO-60	Allen Bradley	RS 500	NA	RIO	Conversion	 Remove existing AB PLC Relocate misc hardware to facilitate new install Install new schneider electric M580 and Modicon X80 remote I/O rack Organize and Clean-up panel Startup, Training and Commisioning <i>Provide new Sunshield</i>
53	MCC#1 Racks 0 - 3 PLC-5	PLC-5	Allen Bradley	Studio 5000	NA	M580	Conversion	 Remove existing AB PLC Relocate misc hardware to facilitate new install Install new SE M580 Organize and Clean-up panel Startup, Training and Commisioning
54	MCC#1 Racks 4 - 5 PLC-5 RIO- 10	RIO-10	Allen Bradley	Studio 5000	NA	RIO	Conversion	 Remove existing AB PLC Relocate misc hardware to facilitate new install Install new schneider electric M580 and Modicon X80 remote I/O rack Organize and Clean-up panel Startup, Training and Commisioning New Conduit and FO Cable is required between PLC- 5 and RIO-10
55	MCC#1 Racks 6 - 7 PLC-5 RIO	PLC-5 RIO	Allen Bradley	Studio 5000	NA	RIO	Conversion	 Remove existing AB PLC Relocate misc hardware to facilitate new install Install new schneider electric M580 and Modicon X80 remote I/O rack Organize and Clean-up panel Startup, Training and Commisioning New Conduit and FO Cable is required between PLC- 5 RIO and PLC-5

Contract # 190-0132-NC (PLU)



ATTACHMENT #1 - List of Submitted Documents South Cross Bayou WRF, WE Dunn WRF, SK Keller WTF



PANELS PLANT **Rev. Date** GULF-BEACH Head End 1014-84 Keller Plant - Gulf Beach Control Panel (SUBMITTAL REV) COMBINED 1 **Bill of Materials** - Final Phase 1 Design Drawings - I/O Check Sheets - SCADA Tag Listing by PLC - PLC Communications - HMI Graphics Pages Draft Maintenance of Plant Operation Plan (MOPO) 2 **GULF-BEACH-RIO** 1014-84 Keller Plant - Gulf Beach RIO Panel (SUBMITTAL) COMBINED Bill of Materials - Final Phase 1 Design Drawings - I/O Check Sheets - SCADA Tag Listing by PLC - PLC Communications - HMI Graphics Pages Draft Maintenance of Plant Operation Plan (MOPO) 1014-84 Keller Plant - LCP-2000 Main Head End (SUBMITTAL) COMBINED LCP-2000 Head End 3 - Bill of Materials - Final Phase 1 Design Drawings - I/O Check Sheets - SCADA Tag Listing by PLC - PLC Communications - HMI Graphics Pages Draft Maintenance of Plant Operation Plan (MOPO) LCP-2000 RIO 1014-84 Keller Plant - LCP-2000 RTU (SUBMITTAL) COMBINED 4 - Bill of Materials - Final Phase 1 Design Drawings - I/O Check Sheets - SCADA Tag Listing by PLC - PLC Communications - HMI Graphics Pages - Draft Maintenance of Plant Operation Plan (MOPO) W.E. Dunn WRF RTU Plans Rev. Date 1014-84 W.E. Dunn Plant WRF - PLC-21 (SUBMITTAL) COMBINED 5 PLC-21 Bill of Materials - Final Phase 1 Design Drawings - I/O Check Sheets - SCADA Tag Listing by PLC - PLC Communications - HMI Graphics Pages - Draft Maintenance of Plant Operation Plan (MOPO) PLC-13 1014-84 W.E. Dunn Plant WRF - PLC-13 (SUBMITTAL) COMBINED 6 - Bill of Materials - Final Phase 1 Design Drawings - I/O Check Sheets - SCADA Tag Listing by PLC

		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
7	PLC-17	1014-84 W.E. Dunn Plant WRF - PLC-17 (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	

- PLC Communications

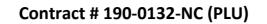
	PANELS	PLANT	Rev. Date
8	PLC-18	1014-84 W.E. Dunn Plant WRF - PLC-18 (SUBMITTAL) COMBINED	
0	PLC-16	- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
9	PLC-19	- Draft Maintenance of Plant Operation Plan (MOPO) 1014-84 W.E. Dunn Plant WRF - PLC-19 (SUBMITTAL) COMBINED	
5	PLC-19	- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
10	PCP-800RTU	1014-84 W.E. Dunn Plant WRF - PCP-800RTU (SUBMITTAL) COMBINED - Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
11	PLC-20	1014-84 W.E. Dunn Plant WRF - PLC-20 (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets - SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
12	PLC-12	1014-84 W.E. Dunn Plant WRF - PLC-12 (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets - SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
13	PLC-12-D1	1014-84 W.E. Dunn Plant WRF - PLC-12-D1 (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC - PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
14	PLC-12-D2	1014-84 W.E. Dunn Plant WRF - PLC-12-D2 (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
		S.K. Keller Water Treatment Facility RTU Plans	Rev. Date
15	RDT-1201	RDT-1201 Panel Drawing	
-		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	

	PANELS	PLANT	Rev. Date
16	RDT-1202	1014-84 South Cross Plant - RDT-1202 (SUBMITTAL) COMBINED	
10		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
47		- Draft Maintenance of Plant Operation Plan (MOPO)	
17	RDT-1203	1014-84 South Cross Plant - RDT-1203 (SUBMITTAL) COMBINED - Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
18	THKNR-PLCA	1014-84 South Cross Plant - THKNR-PLCA (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC - PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
19	UPC-701	1014-84 South Cross Plant - UPC-701 (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
20	UPC-702	- Draft Maintenance of Plant Operation Plan (MOPO) 1014-84 South Cross Plant - UPC-702 (SUBMITTAL) COMBINED	
20	0PC-702	- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
21	UPC-703	1014-84 South Cross Plant - UPC-703 (SUBMITTAL) COMBINED - Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
22	LCP-2420	1014-84 South Cross Plant - LCP-2420 (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings - I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
23	LCP-5420	1014-84 South Cross Plant - LCP-5420 (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		 HMI Graphics Pages Draft Maintenance of Plant Operation Plan (MOPO) 	
		- Diant Mannenance of Flant Operation Flant (MOPO)	

	PANELS	PLANT	Rev. Date
24	LCPGEN1	1014-84 South Cross Plant - LCPGEN1 (SUBMITTAL) COMBINED	
24	LCPGENI	- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
25	LCP-0600	1014-84 South Cross Plant - LCP-0600 (SUBMITTAL) COMBINED - Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
26	LCP-0024	1014-84 South Cross Plant - LCP-0024 (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		 SCADA Tag Listing by PLC PLC Communications 	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
27	LCP-0022	1014-84 South Cross Plant - LCP-0022 (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
28	LCP-0030	1014-84 South Cross Plant - LCP-0030 (SUBMITTAL) COMBINED - Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
29	LCP-RCW	1014-84 South Cross Plant - LCP-RCW (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets - SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
30	PLCB	1014-84 South Cross Plant - PLCB (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
31	LCP-1400	- Draft Maintenance of Plant Operation Plan (MOPO) 1014-84 LCP-1400 Modifications (SUBMITTAL) COMBINED	
21	LCP-1400	- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	

	PANELS	PLANT	Rev. Date
32	LCP-CHLOR	LCPCHLOR Moved to LCP-1400	
32	LCP-CHLOR	- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
33	LCP-DECHLOR	1014-84 South Cross Plant - LCP-DECHLOR (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
34	LCP-20300	1014-84 South Cross Plant - LCP-20300 (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
35	MINI-FOG RIO	MINI FOG is Now an RIO Drop Off of LCP-20300, Digester 1-2 LCP	
		30% Schematic Design	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
20		- Draft Maintenance of Plant Operation Plan (MOPO)	
36	LCP-ABB	1014-84 South Cross Plant - LCP-ABB (SUBMITTAL) COMBINED - Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
37	RTU-062	1014-84 South Cross Plant - RTU-062 (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
38	UCP-100-01	1014-84 South Cross Plant - UCP-100-01 (COMBINED)	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
39	PS-54	1014-84 South Cross Plant - PS-54 PLC (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	

	PANELS	PLANT	Rev. Date
40	PS-80	1014-84 South Cross Plant - PS-080 (SUBMITTAL) COMBINED	
40	1000	- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
41	RCW-RTU (Belleair)	1014-84 South Cross Plant - Belleair RTU (SUBMITTAL) COMBINED	
	` , ,	- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
42	LCP-1601	1014-84 South Cross Plant - LCP-1601 (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
43	LCP-1601 DROP 12	Above drawing includes the DROP 12 IO/HSBY Swap	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
44	LCP-0111	1014-84 South Cross Plant - LCP-0111 (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	
45	GRAPHICS	1014-84 South Cross Plant - LCP-0111 (SUBMITTAL) COMBINED	
		- Bill of Materials	
		- Final Phase 1 Design Drawings	
		- I/O Check Sheets	
		- SCADA Tag Listing by PLC	
		- PLC Communications	
		- HMI Graphics Pages	
		- Draft Maintenance of Plant Operation Plan (MOPO)	





TTACHMENT #1 - List of Submitted Documents Waste to Energy Panels



	Water to Energy RTU Plans	Rev. Date
10-CP-1	1014-85 Waste to Energy WTP - 10-CP-1 (SUBMITTAL) COMBINED	
	- Bill of Materials	
	- 30% Schematic Design	
	- I/O Check Sheets	
	- SCADA Tag Listing by PLC	
	- PLC Communications	
	- HMI Graphics Pages	
	- Draft Maintenace of Plant Operation Plan (MOPO)	
30-CP-1	1014-85 Waste to Energy WTP - 30-CP-1 (SUBMITTAL) COMBINED	
	- Bill of Materials	
	- 30% Schematic Design	
	- I/O Check Sheets	
	- SCADA Tag Listing by PLC	
	- PLC Communications	
	- HMI Graphics Pages	
	- Draft Maintenace of Plant Operation Plan (MOPO)	
70-CP-1	1014-85 Waste to Energy WTP - 70-CP-1 (SUBMITTAL) COMBINED	
	- Bill of Materials	
	- 30% Schematic Design	
	- I/O Check Sheets	
	- SCADA Tag Listing by PLC	
	- PLC Communications	
	- HMI Graphics Pages	
	- Draft Maintenace of Plant Operation Plan (MOPO)	
70-CP-2	1014-85 Waste to Energy WTP - 70-CP-2 (SUBMITTAL) COMBINED	
	- Bill of Materials	
	- 30% Schematic Design	
	- I/O Check Sheets	
	- SCADA Tag Listing by PLC	
	- PLC Communications	
	- HMI Graphics Pages	
	- Draft Maintenace of Plant Operation Plan (MOPO)	
240-PLC-1	1014-85 Waste to Energy WTP - 240-PLC-1 (SUBMITTAL) COMBINED	
	- Bill of Materials	
	- 30% Schematic Design	
	- I/O Check Sheets	
	- SCADA Tag Listing by PLC	
	- PLC Communications	
	- HMI Graphics Pages	
	- Draft Maintenace of Plant Operation Plan (MOPO)	

Contract # 190-0132-NC (PLU)



ATTACHMENT #1 - List of Submitted Documents Synagro Panels



	Synagro RTU Plans	Rev. Date
PLC-20	Hauck BMP Burner Control	
	- Bill of Materials	
	- 30% Schematic Design	
	- I/O Check Sheets	
	- SCADA Tag Listing by PLC	
	- PLC Communications	
	- HMI Graphics Pages	
	- Draft Maintenace of Plant Operation Plan (MOPO)	
PLC-60	Andritz CECO RTO Burner Local Panel	
	- Bill of Materials	
	- 30% Schematic Design	
	- I/O Check Sheets	
	- SCADA Tag Listing by PLC	
	- PLC Communications	
	- HMI Graphics Pages	
	- Draft Maintenace of Plant Operation Plan (MOPO)	
RIO-60	Andritz CECO RTO Burner Remote Panel	
	- Bill of Materials	
	- 30% Schematic Design	
	- I/O Check Sheets	
	- SCADA Tag Listing by PLC	
	- PLC Communications	
	- HMI Graphics Pages	
	- Draft Maintenace of Plant Operation Plan (MOPO)	
MCC#1	MCC 1 - PLC5 Head End and Racks 0, 1, 2, and 3	
	- Bill of Materials	
	- 30% Schematic Design	
	- I/O Check Sheets	
	- SCADA Tag Listing by PLC	
	- PLC Communications	
	- HMI Graphics Pages	
	- Draft Maintenace of Plant Operation Plan (MOPO)	
MCC#1 RIO-10	MCC 1 - RIO Racks 4 & 5 R10-10 Panel	
	- Bill of Materials	
	- 30% Schematic Design	
	- I/O Check Sheets	
	- SCADA Tag Listing by PLC	
	- PLC Communications	
	- HMI Graphics Pages	
	- Draft Maintenace of Plant Operation Plan (MOPO)	
MCC#1 Truck Loadout	MCC 1 - RIO Racks 6 & 7 Truck Load Out Panel	
	- Bill of Materials	
	- 30% Schematic Design	
	-	
	- I/O Check Sheets	
	- SCADA Tag Listing by PLC	
	- PLC Communications	
	- HMI Graphics Pages	
	- Draft Maintenace of Plant Operation Plan (MOPO)	

Attachment 2 Schedule of Values

SCHEDULE OF VALUES					A	Attachment #2 Scheo	lule of Values								
Job: Contract Number: 1	190-0132-NC(PLU)												pplication Number: pplication Date:		
												Р	eriod To:		
А	В				С			D		E	F	G		Н	I
			UNIT					WORK COMPLETED			MATERIALS	TOTAL COMPLETED			
Item No.	Description of Work	QTY	OF	UNIT PRICE	SCHEDULED VALUE	TOTAL QUANTITY	TOTAL QUANTITY	TOTAL COMPLETED	QUANTITY	COMPLETED THIS	PRESENTLY STORED	AND STORED TO	%	BALANCE TO FINISH	RETAINAGE 0%
item ite.	Description of Work	Q	MEASURE	ONTENACE	SCHEDOLED WILDE	COMPLETED	COMPLETED	(D+ E FROM	COMPLETED THIS	PERIOD	(NOT IN D OR E)	DATE	(G/C)	(C - G)	
			ME SONE				PREVIOUS APP	PREVIOUS APP)	PERIOD	TEMOD		(D+E+F)			
01	PHASE 2 MOBILIZATION - All Projects														
02	Project Scheduling & Facility Coordination	1	LS	48,640	48,640	0	0	0.00	\$0.00	0.00	0.00	0.00	0.00%	\$48,640	0.00
03	Contract Administration	1	LS	37,440	37,440	0	0	0.00	\$0.00	0.00	0.00	0.00	0.00%	\$37,440	0.00
04	Progress Meetings	1	LS	49,420	49,420	0	0	0.00		0.00	0.00	0.00	0.00%	\$49,420	0.00
	BOND -Performance and Payment	1	LS	47,150	47,150	0	0	0.00		0.00	0.00		0.00%	\$47,150	0.00
06	Unforseen/Unknown Conditions & Undefined Work	1	LS	50,000	50,000	0	0	0.00	\$0.00	0.00	0.00	0.00	0.00%	\$50,000	0.00
	Phase 2 Construction Services South														
1000	Cross Bayou Water Reclamation Facility														
RDT-1201										· · ·	· · ·			· · ·	
1001	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%		0%
	PLC Programming	1	LS	6,860	6,860	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%		0%
1003	HMI Programming Test Plan Development	1	LS LS	7,635	7,635	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%		0%
1004 1005	Programming Review Mtg	1	LS	1,860 815	1,860 815	\$0.00 \$0.00	\$0.00 \$0.00	0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	0% 0%		0% 0%
	Installation / Testing (3-Day Install)	1	LS	13,180	13,180	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%		0%
1000	Red-Line Implementation, As-Builts, Hardware & Software	1													
1007	O&M Development	1	LS	2,020	2,020	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	-	0%	\$2,020	0%
1008	Staff Review and Address Punchlists and trainig	1	LS	1,280	1,280	\$0.00	\$0.00	0.00		\$0.00	\$0.00	\$0.00	0%		0%
	Material Buyout	1	LS	16,673	16,673	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%	. ,	0%
RDT-1202	Singling Densel Denseinen	1	10	4 555	4 555	¢0.00	\$0.00	0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00		0% 0%		0%
1010 1011	Finalize Panel Drawings PLC Programming	1	LS LS	1,555 6,860	1,555 6,860	\$0.00 \$0.00	\$0.00	0.00		\$0.00	\$0.00		0%		0% 0%
1011	HMI Programming	1	LS	7,440	7,440	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%		0%
1012	Test Plan Development	1	LS	1,860	1,860	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%		0%
1013	Programming Review Mtg	1	LS	640	640	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%		0%
	Installation / Testing (3-Day Install)	1	LS	13,180	13,180	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%		0%
1016	Red-Line Implementation, Red-Line Implementation, As-	1	LS	2,195	2,195	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,195	0%
	Builts, Hardware & Software O&M Development	4	10			¢0.00	ć0.00	0.00	ćo. 00	¢0.00	ćo 00	¢0.00	00/		
	Staff Review and Address Punchlists and trainig Material Buyout	1	LS LS	1,135 16,673	1,135 16,673	\$0.00 \$0.00	\$0.00 \$0.00	0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	0% 0%		0% 0%
RDT-1203		Ŧ	LS	10,0/3	10,0/3	ŞU.UU	ŞU.UU	0.00	\$0.00	\$0.00	\$0.00		0%	. ,	0%
	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00					0%		0%
	PLC Programming	1	LS	6,860	6,860	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%		0%
	HMI Programming	1	LS	7,440	7,440	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%		0%
1022	Test Plan Development	1	LS	1,860	1,860	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%	\$1,860	0%
	Programming Review Mtg	1	LS	930	930	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%		0%
	Installation / Testing (3-Day Install)	1	LS	13,180	13,180	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$13,180	0%
	Red-Line Implementation, Red-Line Implementation, As- Builts, Hardware & Software O&M Development	1	LS	2,195	2,195	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,195	0%
	Staff Review and Address Punchlists and trainig	1	LS	1,685	1,685	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,685	0%
1027	Material Buyout	1	LS	16,673	16,673	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%		0%
THKNR_PLCA			LS						\$0.00	\$0.00	\$0.00		0%		0%
1028	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%		0%
	PLC Programming	1	LS	6,860	6,860	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%		0%
	HMI Programming	1	LS	7,440	7,440	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%		0%
1031	Test Plan Development	1	LS	1,860	1,860	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%		0%
	Programming Review Mtg	1	LS	930	930	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%		0%
	Installation / Testing (4-Day Install)	1	LS	14,300	14,300	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$14,300	0%
1034	Red-Line Implementation, Red-Line Implementation, As- Builts, Hardware & Software O&M Development	1	LS	2,415	2,415	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,415	0%
	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395	0%
1036	Material Buyout	1	LS	33,188	33,188	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$33,188	0%
													-		

				1							. 1				
UPC-701						4.5.5.5	4.5.5.5		\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 09	-
1037	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 09	
1038	PLC Programming	1	LS	5,000	5,000	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$5,000 0%	
1039	HMI Programming	1	LS	7,440	7,440	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,440 0%	
1040	Test Plan Development	1	LS	1,860	1,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,860 09	%
1041	Programming Review Mtg	1	LS	465	465	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$465 0%	%
1042	Installation / Testing (1 to 2 -Day Install)	1	LS	8,985	8,985	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$8,985 0%	%
1043	Red-Line Implementation, Red-Line Implementation, As-	1	LS	2,125	2,125	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,125 09	0/
1045	Builts, Hardware & Software O&M Development	T	LS	2,125	2,125	\$0.00	\$0.00	0.00	\$0.00	ŞU.UU	ŞU.UU	ŞU.UU	0%	\$2,125 07	/0
1044	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395 0%	%
1045	Material Buyout	1	LS	22,140	22,140	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$22,140 09	%
UPC-702									\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 09	%
1046	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%	%
1047	PLC Programming	1	LS	5,000	5,000	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$5,000 09	
1048	HMI Programming	1	LS	7,440	7,440	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,440 09	
1049	Test Plan Development	1	LS	1,860	1,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,860 09	
1050	Programming Review Mtg	1	LS	465	465	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$465 09	
1050	Installation / Testing (1 to 2 -Day Install)	1	LS	9,160	9,160	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$9,160 09	
1051	Red-Line Implementation, Red-Line Implementation, As-	1	15		5,100	Ş0.00	Ş0.00	0.00	Ş0.00	Ş0.00	Ş0.00	J 0.00	0,0	\$5,100 07	<i>,</i> 0
1052	Builts, Hardware & Software O&M Development	1	LS	2,125	2,125	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,125 0%	%
1053	Staff Review and Address Punchlists and training	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395 09	0/
	5	1		,	,										
1054	Material Buyout	1	LS	21,340	21,340	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$21,340 09	
UPC-703						4	40.0-		\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 09	
1055	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 09	
1056	PLC Programming	1	LS	5,000	5,000	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$5,000 0%	
1057	HMI Programming	1	LS	7,440	7,440	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,440 0%	
1058	Test Plan Development	1	LS	1,860	1,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,860 09	
1059	Programming Review Mtg	1	LS	465	465	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$465 0%	-
1060	Installation / Testing (1 to 2 -Day Install)	1	LS	9,160	9,160	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$9,160 0%	%
1061	Red-Line Implementation, Red-Line Implementation, As-	1	LS	2,125	2,125	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,125 09	%
1001	Builts, Hardware & Software O&M Development	1	LJ	2,123	2,125	Ş0.00	90.00	0.00	90.00	Ş0.00	Ş0.00	Ş0.00	070	Ş2,125 07	.0
1062	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395 0%	%
1063	Material Buyout	1	LS	22,140	22,140	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$22,140 0%	%
LCP-2420									\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%	%
1064	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%	%
1065	PLC Programming	1	LS	6,280	6,280	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$6,280 0%	%
1066	HMI Programming	1	LS	7,440	7,440	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,440 0%	%
1067	Test Plan Development	1	LS	2,850	2,850	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,850 09	%
1068	Programming Review Mtg	1	LS	930	930	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$930 0%	%
1069	Installation / Testing (3-Day Install)	1	LS	10,870	10,870	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$10,870 09	%
	Red-Line Implementation, Red-Line Implementation, As-	_		· · · · ·	,										
1070	Builts, Hardware & Software O&M Development	1	LS	2,530	2,530	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,530 0%	%
1071	Staff Review and Address Punchlists and training	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395 0%	%
1072	Material Buyout	1	LS	28,813	28,813	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$28,813 09	
LCP-5420		1	LJ	20,013	20,015	Ş0.00	Ş0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$20,015 07	
1073	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 09	
1073	PLC Programming	1	LS	6,280	6,280	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$6,280 09	
1074	HMI Programming	1	LS	7,440	7,440	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,440 09	
1075	5 5	1	LS		1,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00		\$0.00	0%		
	Test Plan Development			1,860	930						\$0.00			\$1,860 09	
1077	Programming Review Mtg	1	LS	930			\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$930 09	
1078	Installation / Testing (3-Day Install)	1	LS	10,870	10,870	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$10,870 09	%
1079	Red-Line Implementation, As-Builts, Hardware & Software	1	LS	2,240	2,240	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,240 0%	%
	O&M Development	_													
1080	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395 0%	
1081	Material Buyout	1	LS	28,644	28,644	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$28,644 0%	
LCPGEN1									\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%	%
1082	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%	%
1083	PLC Programming include NOR Module & MCC	1	LS	5,120	5,120	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$5,120 0%	%
1084	HMI Programming	1	LS	8,795	8,795		\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$8,795 0%	%
1085	Test Plan Development	1	LS	1,860	1,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,860 0%	%
1086	Programming Review Mtg	1	LS	815	815	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$815 0%	%
1087	Installation / Testing (3-Day Install)	1	LS	10,870	10,870	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$10,870 09	%
1000	Red-Line Implementation, As-Builts, Hardware & Software	1	10	2.240	2.2.5	ćo 00	60.00	0.00	60.00	¢0.00		ć0.00	00/	62.240	0/
1088	O&M Development	1	LS	2,240	2,240	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,240 0%	/0
1089	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395 0%	%
1090	Material Buyout	1	LS	25,308	25,308		\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$25,308 09	
		-		23,300	25,500	40.00	20.00	0.00	20.00	÷0.00	40.00	<i>40.00</i>	0/0	÷=0,000 07	-

		L	7						¢0.00	¢0.00	¢0.00	¢0.00	00/	¢0 0%
LCP-0600	Finaliza Banal Drawinga	1	15	1.555	1	ć0.00	¢0.00	0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	0%	\$0 0%
1091	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00			\$0.00		\$1,555 0%
1092	PLC Programming	1	LS	6,280	6,280	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$6,280 0%
1093	HMI Programming	1	LS	7,055	7,055	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,055 0%
1094	Test Plan Development	1	LS	2,850	2,850	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,850 0%
1095	Programming Review Mtg	1	LS	815	815	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$815 0%
1096	Installation / Testing (7-Day Install) + Panel Cleanup	1	LS	29,390	29,390	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$29,390 0%
1097	Red-Line Implementation, As-Builts, Hardware & Software	1	LS	4,760	4,760	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$4,760 0%
	O&M Development		-		,				-					
1098	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395 0%
1099	Material Buyout	1	LS	51,947	51,947	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$51,947 0%
LCP-0024									\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%
1100	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%
1101	PLC Programming	1	LS	6,280	6,280	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$6,280 0%
1102	HMI Programming	1	LS	7,055	7,055	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,055 0%
1103	Test Plan Development	1	LS	2,850	2,850	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,850 0%
1104	Programming Review Mtg	1	LS	815	815	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$815 0%
1105	Installation / Testing (7-Day Install) + Panel Cleanup	1	LS	29,390	29,390	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$29,390 0%
	Red-Line Implementation, As-Builts, Hardware & Software						4.5.5.5		4	4				
1106	O&M Development	1	LS	4,760	4,760	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$4,760 0%
1107	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395 0%
1107	Material Buyout	1	LS	59,911	59,911	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$59,911 0%
LCP-0022	inaterial bayout			55,511	55,511	Ç0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%
1109	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%
1109	PLC Programming	1	LS	4,420	4,420	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$4,420 0%
1110	HMI Programming	1	LS	4,420	4,420	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	0%	\$4,420 0%
		1	LS		,						\$0.00			
1112	Test Plan Development			1,860	1,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00		\$0.00	0%	\$1,860 0%
1113	Programming Review Mtg	1	LS	815	815	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$815 0%
1114	Installation / Testing (4-Day Install)	1	LS	14,880	14,880	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$14,880 0%
1115	Red-Line Implementation, As-Builts, Hardware & Software	1	LS	2,880	2,880	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,880 0%
	O&M Development		-		,					,				
1116	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395 0%
1117	Material Buyout	1	LS	41,844	41,844	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$41,844 0%
LCP-0030									\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%
1118	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%
1119	PLC Programming	1	LS	6,280	6,280	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$6,280 0%
1120	HMI Programming	1	LS	6,860	6,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$6,860 0%
1121	Test Plan Development	1	LS	1,630	1,630	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,630 0%
1122	Programming Review Mtg	1	LS	815	815	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$815 0%
1123	Installation / Testing (4-Day Install)	1	LS	14,880	14,880	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$14,880 0%
1121	Red-Line Implementation, As-Builts, Hardware & Software		16	2 000	2 000	<u>éo oo</u>	¢0.00	0.00	<u>éo oo</u>	<u> </u>	<u> </u>	40.00	201	¢2.000 00/
1124	O&M Development	1	LS	2,880	2,880	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,880 0%
1125	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395 0%
1126	Material Buyout	1	LS	28,943	28.943	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$28,943 0%
LCP-RCW				· · · ·	-,				\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%
1127	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%
1128	PLC Programming	1	LS	6,980	6,980	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$6,980 0%
1129	HMI Programming	1	LS	7,680	7,680	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,680 0%
1130	Test Plan Development	1	LS	1,630	1,630	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,630 0%
1130	Programming Review Mtg	1	LS	815	815		\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$815 0%
1131	Installation / Testing (5-Day Install)	1	LS	20,800	20,800	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$20,800 0%
	Red-Line Implementation, As-Builts, Hardware & Software	1	LJ				μ 0.00	0.00						
1133	O&M Development	1	LS	4,075	4,075	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$4,075 0%
1124		1	10	1,395	4 305	\$0.00	\$0.00	0.00	\$0.00	\$0.00	ć0.00	\$0.00	00/	
1134	Staff Review and Address Punchlists and trainig	1	LS		1,395						\$0.00		0%	\$1,395 0%
1135	Material Buyout	1	LS	34,921	34,921	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$34,921 0%
THINNE DI CO							40.00		\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%
THKNR_PLCB					1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%
1136	Finalize Panel Drawings	1	LS	1,555			±	I	40 0-	40.00	4	4		
	PLC Programming	1	LS	4,420	4,420	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$4,420 0%
	PLC Programming HMI Programming	1	LS LS	4,420 7,055	4,420 7,055	\$0.00 \$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,055 0%
1136 1137 1138 1139	PLC Programming HMI Programming Test Plan Development	1 1 1 1	LS LS LS	4,420 7,055 1,860	4,420 7,055 1,860	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	0.00 0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	0% 0%	\$7,055 0% \$1,860 0%
1136 1137 1138 1139 1140	PLC Programming HMI Programming Test Plan Development Programming Review Mtg	1 1 1 1 1	LS LS LS LS	4,420 7,055 1,860 815	4,420 7,055 1,860 815	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	0.00 0.00 0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	0% 0% 0%	\$7,055 0% \$1,860 0% \$815 0%
1136 1137 1138 1139	PLC Programming HMI Programming Test Plan Development	1 1 1 1	LS LS LS	4,420 7,055 1,860	4,420 7,055 1,860	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	0.00 0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	0% 0%	\$7,055 0% \$1,860 0%
1136 1137 1138 1139 1140 1141	PLC Programming HMI Programming Test Plan Development Programming Review Mtg	1 1 1 1 1 1	LS LS LS LS LS	4,420 7,055 1,860 815 8,630	4,420 7,055 1,860 815 8,630	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0% 0% 0%	\$7,055 0% \$1,860 0% \$815 0% \$8,630 0%
1136 1137 1138 1139 1140	PLC Programming HMI Programming Test Plan Development Programming Review Mtg Installation / Testing (2-Day Install)	1 1 1 1 1	LS LS LS LS	4,420 7,055 1,860 815	4,420 7,055 1,860 815	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	0.00 0.00 0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	0% 0% 0%	\$7,055 0% \$1,860 0% \$815 0%
1136 1137 1138 1139 1140 1141	PLC Programming HMI Programming Test Plan Development Programming Review Mtg Installation / Testing (2-Day Install) Red-Line Implementation, As-Builts, Hardware & Software	1 1 1 1 1 1	LS LS LS LS LS	4,420 7,055 1,860 815 8,630	4,420 7,055 1,860 815 8,630	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0% 0% 0%	\$7,055 0% \$1,860 0% \$815 0% \$8,630 0%

			. .			· · ·			· ·					
LCP-CHLOR.									\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%
1145	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%
1146	PLC Programming	1	LS	4,420	4,420	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$4,420 0%
1147	HMI Programming	1	LS	7,055	7,055	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,055 0%
1148	Test Plan Development	1	LS	1,860	1,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,860 0%
1149	Programming Review Mtg	1	LS	815	815	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$815 0%
1150	Installation / Testing (4-Day Install)	1	LS	14,880	14,880	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$14,880 0%
	Red-Line Implementation, As-Builts, Hardware & Software		-	· · · · ·										
1151	O&M Development	1	LS	3,610	3,610	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$3,610 0%
1152	Staff Review and Address Punchlists and trainig	1	LS	960	960	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$960 0%
1152		I	1.5	500	900	30.00	Ş0.00	0.00	30.00	30.00	30.00	30.00	078	3300 078
1153	Piping for cutting road to run (4) 1-2" piping between CHLOR	1	LS	12,560	12,560	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$12,560 0%
	& LCP-1400					4	4.5.5.5		4.5.5.5	4	4	4		
1154	Material Buyout	1	LS	32,441	32,441	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$32,441 0%
LCP-DECHLOR									\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%
1155	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%
1156	PLC Programming	1	LS	4,420	4,420	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$4,420 0%
1157	HMI Programming	1	LS	7,055	7,055	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,055 0%
1158	Test Plan Development	1	LS	1,860	1,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,860 0%
1159	Programming Review Mtg	1	LS	815	815	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$815 0%
1160	Installation / Testing (3-Day Install)	1	LS	10,520	10,520	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$10,520 0%
	Red-Line Implementation, As-Builts, Hardware & Software		-											
1161	O&M Development	1	LS	1,950	1,950	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,950 0%
1162	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395 0%
					,	\$0.00	\$0.00			\$0.00	\$0.00		0%	. ,
1163	Material Buyout	1	LS	23,405	23,405	ŞU.UU	ŞU.UU	0.00	\$0.00			\$0.00		
MINI FOG						40.0-	40.00		\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%
1164	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%
1165	PLC Programming	1	LS	5,120	5,120	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$5,120 0%
1166	HMI Programming	1	LS	7,635	7,635	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,635 0%
1167	Test Plan Development	1	LS	1,860	1,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,860 0%
1168	Programming Review Mtg	1	LS	815	815	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$815 0%
1169	Installation / Testing (3-Day Install)	1	LS	10,345	10,345	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$10,345 0%
	Red-Line Implementation, As-Builts, Hardware & Software	-	-											
1170	O&M Development	1	LS	1,950	1,950	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,950 0%
1171		1	LS	1,395	1 205	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395 0%
	Staff Review and Address Punchlists and trainig	-	-		1,395									
1172	Material Buyout	1	LS	17,453	17,453	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$17,453 0%
LCP-20300				<u>↓ </u>					\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%
1173	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%
1174	PLC Programming	1	LS	11,400	11,400	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$11,400 0%
1175	HMI Programming	1	LS	7,440	7,440	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,440 0%
1176	Test Plan Development	1	LS	2,850	2,850	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,850 0%
1177	Programming Review Mtg	1	LS	815	815	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$815 0%
1178	Installation / Testing (5-Day Install)	1	LS	18,660	18,660	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$18,660 0%
	Red-Line Implementation, As-Builts, Hardware & Software		-											
1179	O&M Development	1	LS	4,470	4,470	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$4,470 0%
1180	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395 0%
	5	1		,	,		1							. ,
1181	Material Buyout	1	LS	41,321	41,321	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$41,321 0%
LCP-ABB									\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%
1182	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%
1183	PLC Programming				F 000		\$0.00	0.00		\$0.00	\$0.00	\$0.00	00/	
		1	LS	5,000	5,000	\$0.00		0.00	\$0.00				0%	\$5,000 0%
1184	HMI Programming	1	LS	7,440	7,440	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,440 0%
1185	HMI Programming Test Plan Development					\$0.00 \$0.00	\$0.00 \$0.00	0.00 0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		
		1	LS	7,440	7,440	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,440 0%
1185	Test Plan Development	1 1	LS LS	7,440 1,860	7,440 1,860	\$0.00 \$0.00	\$0.00 \$0.00	0.00 0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	0% 0%	\$7,440 0% \$1,860 0%
1185 1186 1187	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install)	1 1 1 1	LS LS LS LS	7,440 1,860 815 21,400	7,440 1,860 815 21,400	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	0% 0% 0%	\$7,440 0% \$1,860 0% \$815 0% \$21,400 0%
1185 1186	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install) Red-Line Implementation, As-Builts, Hardware & Software	1 1 1	LS LS LS	7,440 1,860 815	7,440 1,860 815	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	0.00 0.00 0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	0% 0% 0%	\$7,440 0% \$1,860 0% \$815 0%
1185 1186 1187 1188	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development	1 1 1 1 1	LS LS LS LS LS	7,440 1,860 815 21,400 4,250	7,440 1,860 815 21,400 4,250	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00 0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0% 0% 0% 0%	\$7,440 0% \$1,860 0% \$815 0% \$21,400 0% \$4,250 0%
1185 1186 1187 1188 1188 1189	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development Staff Review and Address Punchlists	1 1 1 1 1 1 1	LS LS LS LS LS LS	7,440 1,860 815 21,400 4,250 1,220	7,440 1,860 815 21,400 4,250 1,220	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00 0.00 0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0% 0% 0% 0% 0%	\$7,440 0% \$1,860 0% \$815 0% \$21,400 0% \$4,250 0% \$1,220 0%
1185 1186 1187 1188 1188 1189 1190	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development	1 1 1 1 1	LS LS LS LS LS	7,440 1,860 815 21,400 4,250	7,440 1,860 815 21,400 4,250	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00 0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0% 0% 0% 0% 0% 0%	\$7,440 0% \$1,860 0% \$815 0% \$21,400 0% \$4,250 0% \$1,220 0% \$39,013 0%
1185 1186 1187 1188 1189 1190 RTU-062	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development Staff Review and Address Punchlists Material Buyout	1 1 1 1 1 1 1 1 1	LS LS LS LS LS LS LS	7,440 1,860 815 21,400 4,250 1,220 39,013	7,440 1,860 815 21,400 4,250 1,220 39,013	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0% 0% 0% 0% 0% 0%	\$7,440 0% \$1,860 0% \$815 0% \$21,400 0% \$4,250 0% \$1,220 0% \$39,013 0% \$0 0%
1185 1186 1187 1188 1189 1190 RTU-062 1191	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development Staff Review and Address Punchlists Material Buyout Finalize Panel Drawings	1 1 1 1 1 1 1 1 1	LS LS LS LS LS LS LS	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0% 0% 0% 0% 0% 0% 0%	\$7,440 0% \$1,860 0% \$815 0% \$21,400 0% \$4,250 0% \$1,220 0% \$39,013 0% \$0 0% \$1,555 0%
1185 1186 1187 1188 1189 1190 RTU-062 1191 1192	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development Staff Review and Address Punchlists Material Buyout Finalize Panel Drawings PLC Programming	1 1 1 1 1 1 1 1 1 1 1	LS LS LS LS LS LS LS LS LS	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0% 0% 0% 0% 0% 0% 0% 0%	\$7,440 0% \$1,860 0% \$815 0% \$21,400 0% \$4,250 0% \$1,220 0% \$39,013 0% \$0 0% \$1,555 0% \$3,720 0%
1185 1186 1187 1188 1189 1190 RTU-062 1191 1192 1193	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development Staff Review and Address Punchlists Material Buyout Finalize Panel Drawings PLC Programming HMI Programming	1 1 1 1 1 1 1 1 1 1 1 1 1	LS LS LS LS LS LS LS LS LS LS LS	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0% 0% 0% 0% 0% 0% 0% 0%	\$7,440 0% \$1,860 0% \$815 0% \$21,400 0% \$4,250 0% \$1,220 0% \$39,013 0% \$1,555 0% \$3,720 0% \$7,440 0%
1185 1186 1187 1188 1189 1190 RTU-062 1191 1192 1193 1194	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development Staff Review and Address Punchlists Material Buyout Finalize Panel Drawings PLC Programming	1 1 1 1 1 1 1 1 1 1 1 1 1	LS LS LS LS LS LS LS LS LS	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440 1,510	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440 1,510	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0% 0% 0% 0% 0% 0% 0% 0% 0%	\$7,440 0% \$1,860 0% \$815 0% \$21,400 0% \$4,250 0% \$1,220 0% \$39,013 0% \$1,555 0% \$3,720 0% \$7,440 0% \$1,510 0%
1185 1186 1187 1188 1189 1190 RTU-062 1191 1192 1193	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development Staff Review and Address Punchlists Material Buyout Finalize Panel Drawings PLC Programming HMI Programming	1 1 1 1 1 1 1 1 1 1 1 1 1	LS LS LS LS LS LS LS LS LS LS LS	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0% 0% 0% 0% 0% 0% 0% 0%	\$7,440 0% \$1,860 0% \$815 0% \$21,400 0% \$4,250 0% \$1,220 0% \$39,013 0% \$1,555 0% \$3,720 0% \$7,440 0%
1185 1186 1187 1188 1189 1190 RTU-062 1191 1192 1193 1194	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development Staff Review and Address Punchlists Material Buyout Finalize Panel Drawings PLC Programming HMI Programming Test Plan Development	1 1 1 1 1 1 1 1 1 1 1 1 1	LS LS LS LS LS LS LS LS LS LS LS LS	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440 1,510	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440 1,510	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0% 0% 0% 0% 0% 0% 0% 0% 0%	\$7,440 0% \$1,860 0% \$815 0% \$21,400 0% \$4,250 0% \$1,220 0% \$39,013 0% \$1,555 0% \$3,720 0% \$7,440 0% \$1,510 0%
1185 1186 1187 1188 1189 1190 RTU-062 1191 1192 1193 1194 1195 1196	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development Staff Review and Address Punchlists Material Buyout Finalize Panel Drawings PLC Programming HMI Programming Test Plan Development	1 1 1 1 1 1 1 1 1 1 1 1 1 1	LS LS LS LS LS LS LS LS LS LS LS LS LS L	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440 1,510 640 11,855	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440 1,510 640 11,855	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0% 0%	\$7,440 0% \$1,860 0% \$815 0% \$21,400 0% \$4,250 0% \$1,220 0% \$39,013 0% \$0 0% \$1,555 0% \$3,720 0% \$7,440 0% \$1,510 0% \$640 0% \$11,855 0%
1185 1186 1187 1188 1189 1190 RTU-062 1191 1192 1193 1194 1195	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development Staff Review and Address Punchlists Material Buyout Finalize Panel Drawings PLC Programming HMI Programming Test Plan Development Programming Review Mtg Installation / Testing (2-Day Install) Red-Line Implementation, As-Builts, Hardware & Software	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LS LS LS LS LS LS LS LS LS LS LS LS LS	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440 1,510 640	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440 1,510 640	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0% 0%	\$7,440 0% \$1,860 0% \$815 0% \$21,400 0% \$4,250 0% \$1,220 0% \$39,013 0% \$1,555 0% \$3,720 0% \$7,440 0% \$1,510 0%
1185 1186 1187 1188 1189 1190 RTU-062 1191 1192 1193 1194 1195 1197	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development Staff Review and Address Punchlists Material Buyout Finalize Panel Drawings PLC Programming HMI Programming Test Plan Development Programming Review Mtg Installation / Testing (2-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development	1 1 1 1 1 1 1 1 1 1 1 1 1 1	LS LS LS LS LS LS LS LS LS LS LS LS LS L	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440 1,510 640 11,855 2,415	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440 1,510 640 11,855 2,415	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00	0% 0%	\$7,440 0% \$1,860 0% \$815 0% \$21,400 0% \$4,250 0% \$1,220 0% \$39,013 0% \$0 0% \$1,555 0% \$1,555 0% \$1,555 0% \$1,510 0% \$640 0% \$11,855 0% \$2,415 0%
1185 1186 1187 1188 1189 1190 RTU-062 1191 1192 1193 1194 1195 1196 1197 1198	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development Staff Review and Address Punchlists Material Buyout Finalize Panel Drawings PLC Programming HMI Programming Test Plan Development Programming Review Mtg Installation / Testing (2-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development Staff Review and Address Punchlists and trainig	1 1 1 1 1 1 1 1 1 1 1 1 1 1	LS LS LS LS LS LS LS LS LS LS	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440 1,510 640 11,855 2,415 1,395	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440 1,510 640 11,855 2,415 1,395	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00	0% 0%	\$7,440 0% \$1,860 0% \$815 0% \$21,400 0% \$4,250 0% \$1,220 0% \$39,013 0% \$0 0% \$1,555 0% \$7,440 0% \$1,510 0% \$14,510 0% \$14,855 0% \$14,855 0% \$14,855 0% \$14,855 0% \$1,395 0%
1185 1186 1187 1188 1189 1190 RTU-062 1191 1192 1193 1194 1195 1196 1197 1198 1199	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development Staff Review and Address Punchlists Material Buyout Finalize Panel Drawings PLC Programming HMI Programming Test Plan Development Programming Review Mtg Installation / Testing (2-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development	1 1 1 1 1 1 1 1 1 1 1 1 1 1	LS LS LS LS LS LS LS LS LS LS LS LS LS L	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440 1,510 640 11,855 2,415	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440 1,510 640 11,855 2,415	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	0% 0%	\$7,440 0% \$1,860 0% \$815 0% \$21,400 0% \$4,250 0% \$1,220 0% \$39,013 0% \$0 0% \$1,555 0% \$7,440 0% \$1,510 0% \$14,510 0% \$14,510 0% \$14,855 0% \$14,855 0% \$14,855 0% \$1,395 0% \$1,395 0%
1185 1186 1187 1188 1189 1190 RTU-062 1191 1192 1193 1194 1195 1196 1197 1198	Test Plan Development Programming Review Mtg Installation / Testing (5-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development Staff Review and Address Punchlists Material Buyout Finalize Panel Drawings PLC Programming HMI Programming Test Plan Development Programming Review Mtg Installation / Testing (2-Day Install) Red-Line Implementation, As-Builts, Hardware & Software O&M Development Staff Review and Address Punchlists and trainig	1 1 1 1 1 1 1 1 1 1 1 1 1 1	LS LS LS LS LS LS LS LS LS LS	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440 1,510 640 11,855 2,415 1,395	7,440 1,860 815 21,400 4,250 1,220 39,013 1,555 3,720 7,440 1,510 640 11,855 2,415 1,395	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00	0% 0%	\$7,440 0% \$1,860 0% \$815 0% \$21,400 0% \$4,250 0% \$1,220 0% \$39,013 0% \$0 0% \$1,555 0% \$7,440 0% \$1,510 0% \$14,510 0% \$14,855 0% \$14,855 0% \$14,855 0% \$14,855 0% \$1,395 0%

1201	DLC Drogramming	1	1 16	C 8C0	C 9C0	¢0.00	¢0.00	0.00	¢0.00	¢0.00	¢0.00	ć0.00	00/	ćc eco	00/
1201 1202	PLC Programming HMI Programming	1	LS LS	6,860 7,440	6,860 7,440	\$0.00 \$0.00	\$0.00 \$0.00	0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	0%	\$6,860 \$7,440	0% 0%
1202	Test Plan Development	1	LS	1,860	1,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,860	0%
1203	Programming Review Mtg	1	LS	640	640		\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$640	0%
1204	Installation / Testing (6-Day Install)	1	LS	20,230	20,230	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$040	0%
1205	Red-Line Implementation, As-Builts, Hardware & Software	I	L3	20,230	20,230	Ş0.00	Ş0.00	0.00	Ş0.00	Ş0.00	Ş0.00	Ş0.00	070	\$20,230	078
1206	O&M Development	1	LS	4,470	4,470	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$4,470	0%
1207	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395	0%
	Additional effort for piping & Panel modifications to move				,										
1208	panel	1	LS	6,860	6,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$6,860	0%
1209	Material Buyout	1	LS	69,761	69,761	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$69,761	0%
PS54 PLC									\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0	0%
1210	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555	0%
1211	PLC Programming	1	LS	4,420	4,420	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$4,420	0%
1212	HMI Programming	1	LS	7,635	7,635	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,635	0%
1213	Test Plan Development	1	LS	1,860	1,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,860	0%
1214	Programming Review Mtg	1	LS	815	815	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$815	0%
1215	Installation / Testing (3-Day Install)	1	LS	10,870	10,870	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$10,870	0%
1216	Red-Line Implementation, As-Builts, Hardware & Software	1	LS	3,215	3,215	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$3,215	0%
1210	O&M Development	I	L3	5,215	3,213	Ş0.00	Ş0.00	0.00	\$0.00	•	\$0.00	30.00	078	\$3,215	0%
1217	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395	0%
1218	Material Buyout	1	LS	23,209	23,209	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$23,209	0%
Belleair PCP PS-080									\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0	0%
1219	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555	0%
1220	PLC Programming	1	LS	4,420	4,420	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$4,420	0%
1221	HMI Programming	1	LS	6,860	6,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$6,860	0%
1222	Test Plan Development	1	LS	1,860	1,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,860	0%
1223	Programming Review Mtg	1	LS	815	815		\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$815	0%
1224	Installation / Testing (3-Day Install)	1	LS	10,870	10,870	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$10,870	0%
1225	Red-Line Implementation, As-Builts, Hardware & Software O&M Development	1	LS	3,215	3,215	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$3,215	0%
1226	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395	0%
1227	Material Buyout	1	LS	41,116	41,116	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$41,116	0%
Bellair RTU			-	,	,				\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0	0%
1228	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555	0%
1229	PLC Programming	1	LS	5,120	5,120	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$5,120	0%
1230	HMI Programming	1	LS	8,455	8,455	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$8,455	0%
1231	Test Plan Development	1	LS	3,720	3,720	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$3,720	0%
1232	Programming Review Mtg	1	LS	640	640	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$640	0%
1233	Installation / Testing (3-Day Install)	1	LS	13,740	13,740	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$13,740	0%
1234	As-Builts, Hardware & Software O&M Development	1	LS	2,490	2,490	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,490	0%
1235	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395	0%
1236	Material Buyout	1	LS	18,775	18,775	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$18,775	0%
LCP-1601 HSBY and LCP-1	601 Drop 12								\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0	0%
1237	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555	0%
1238	PLC Programming	1	LS	8,260	8,260		\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$8,260	0%
1239	HMI Programming	1	LS	7,055	7,055	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,055	0%
1240	Test Plan Development	1	LS	2,850	2,850	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,850	0%
1241	Programming Review Mtg	1	LS	815	815		\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$815	0%
1242	Installation / Testing (5-Day Install)	1	LS	20,860	20,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$20,860	0%
1243	Red-Line Implementation, As-Builts, Hardware & Software O&M Development	1	LS	4,120	4,120	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$4,120	0%
1244	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395	0%
1245	Material Buyout	1	LS	51,128	51,128		\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$51,128	0%
SPB RCW-570	· · · · · · · · · · · · · · · · · · ·			, -		,	,		\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0	0%
1246	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555	
1247	PLC Programming	1	LS	4,420	4,420	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$4,420	0%
1248	HMI Programming	1	LS	7,055	7,055		\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,055	0%
1249	Test Plan Development	1	LS	1,860	1,860		\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,860	0%
1250	Programming Review Mtg	1	LS	815	815		\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$815	0%
1251	Installation / Testing (4-Day Install)	1	LS	14,705	14,705	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$14,705	0%
1252	Red-Line Implementation, As-Builts, Hardware & Software O&M Development	1	LS	3,610	3,610	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$3,610	0%
1253	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395	0%
1255	Material Buyout	1	LS	23,489	23,489	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$23,489	0%
		±		23,703	23,403		Ş0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$23,485	0%
			I				4	0.00		\$0.00	\$0.00	\$0.00	0%	\$1,555	
PTOC_LCP-0111	Finalize Panel Drawings	1	15	1 555	1 555	50.00	50.001	0.001	\$0.001	201001	20.001	20.00	1176		
PTOC_LCP-0111 1255	Finalize Panel Drawings	1	LS	1,555	1,555 2,270		\$0.00 \$0.00	0.00	\$0.00 \$0.00						
PTOC_LCP-0111 1255 1256	PLC Programming	1	LS	2,270	2,270	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,270	0%
PTOC_LCP-0111 1255	· · · · · · · · · · · · · · · · · · ·					\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00						0% 0%

	TOTALS			2,485,265.00	2,485,265.00	-	-	-	-	-	-	-	-	2,485,265.00	\$0
					,										
1277	Material Cost Escalation Contingency	1	LS	62,676	62,676	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	200%	\$62,676	i
1276	Material Extended Warranty	1	LS	31,338	31,338	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	100%	\$31,338	i
1275	Spares	1	LS	140,056	140,056	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$140,056	0%
ther Material													İ		i
1274	South Cross Bayou Plant Wonderware Screen	1	LS	21,775	21,775	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$21,775	0%
lant SCADA														\$0	
1273	Material Buyout	1	LS	11,447	11,447	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$11,447	0%
1272	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395	0%
1271	Red-Line Implementation, As-Builts, Hardware & Software O&M Development	1	LS	2,530	2,530	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,530	0%
1270	Installation / Testing (2-Day Install)	1	LS	7,265	7,265	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,265	0%
1269	Programming Review Mtg	1	LS	815	815	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$815	0%
1268	Test Plan Development	1	LS	1,860	1,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,860	0%
1267	HMI Programming	1	LS	7,055	7,055	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,055	0%
1266	PLC Programming	1	LS	4,420	4,420	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$4,420	0%
1265	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555	0%
RAPHICS									\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0	0%
1264	Material Buyout	1	LS	14,143	14,143	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$14,143	0%
1263	Add Wrk - Install Conduits for moving the panel	1	LS	12,560	12.560	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$12,560	0%
1262	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395	0%
1261	Red-Line Implementation, As-Builts, Hardware & Software O&M Development	1	LS	1,950	1,950	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,950	0%
1260	Installation / Testing (1-Day Install)	1	LS	3,605	3,605	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$3,605	0%
1259	Programming Review Mtg	1	LS	495	495	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$495	0%

SCHEDULE OF VALUES

Job:

2039

2040

2041

Spares

Extended Material Warranty

Material Cost Escalation Contingency

Contract Number: 190-0132-NC(PLU)

А В D С Е WORK COMPLETED UNIT TOTAL QUANTITY TOTAL COMPLETED QUANTITY QTY OF UNIT PRICE SCHEDULED VALUE COMPLETED THIS Item No. Description of Work TOTAL QUANTITY PRF COMPLETED (D+ E FROM COMPLETED THIS MEASURE COMPLETED PERIOD 1) PREVIOUS APP PREVIOUS APP) PERIOD Phase 2 Construction Services S.K. 2000 Kellar Water Treatment Facility Gulf Beach Pump Station Main Panel \$0.00 \$0.00 0.00 1,555 \$0.00 1,555 \$0.00 2001 Finalize Panel Drawings 1 LS 2002 PLC Programming LS 6,070 6,070 \$0.00 \$0.00 0.00 \$0.00 \$0.00 2003 \$0.00 \$0.00 0.00 \$0.00 HMI Programming 1 LS 6.860 6,860 \$0.00 2004 Test Plan Development LS 1,570 1,570 \$0.00 \$0.00 0.00 \$0.00 \$0.00 1 \$0.00 2005 \$0.00 0.00 \$0.00 \$0.00 Programming Review Mtg LS 495 495 1 2006 Installation / Testing (3-Day Install) 1 LS 16,015 16,015 \$0.00 \$0.00 0.00 \$0.00 \$0.00 Red-Line Implementation, As-Builts, Hardware & Software \$0.00 \$0.00 0.00 1 LS 2,530 2,530 \$0.00 \$0.00 2007 O&M Development \$0.00 \$0.00 0.00 \$0.00 \$0.00 2008 LS 1,365 1,365 Staff Review and Address Punchlists and trainig 1 2009 4,520 \$0.00 \$0.00 0.00 \$0.00 \$0.00 Demo & Mounting new Enclosure in same location 1 LS 4,520 2010 42,449 \$0.00 0.00 \$0.00 Material Buyout 1 LS 42,449 \$0.00 \$0.00 Gulf Beach Pump NaOCL RIO Panel \$0.00 \$0.00 0.00 \$0.00 \$0.00 \$0.00 0.00 1,555 \$0.00 \$0.00 \$0.00 2011 Finalize Panel Drawings 1 LS 1,555 LS 4,790 4,790 \$0.00 \$0.00 0.00 \$0.00 2012 PLC Programming \$0.00 1 5,580 \$0.00 0.00 \$0.00 2013 HMI Programming 1 LS 5,580 \$0.00 \$0.00 2014 Test Plan Development \$0.00 \$0.00 0.00 \$0.00 1 LS 1,570 1,570 \$0.00 \$0.00 0.00 2015 Programming Review Mtg LS 495 495 \$0.00 \$0.00 \$0.00 1 2016 LS 9,155 9,155 \$0.00 \$0.00 0.00 \$0.00 Installation / Testing (2-Day Install) \$0.00 1 Red-Line Implementation, As-Builts, Hardware & Software 2017 1 LS 1,950 1,950 \$0.00 \$0.00 0.00 \$0.00 \$0.00 O&M Development 2018 \$0.00 0.00 \$0.00 \$0.00 Staff Review and Address Punchlists and trainig 1 LS 1,365 1,365 \$0.00 2019 Material Buyout 16,961 \$0.00 \$0.00 0.00 \$0.00 1 LS 16,961 \$0.00 Logan Pump Station \$0.00 \$0.00 0.00 \$0.00 \$0.00 \$0.00 0.00 2020 Finalize Panel Drawings 1,555 1,555 \$0.00 \$0.00 \$0.00 LS 1 2021 \$0.00 \$0.00 0.00 \$0.00 PLC Programming 1 LS 6.070 6,070 \$0.00 2022 HMI Programming \$0.00 \$0.00 0.00 \$0.00 LS 6,860 6,860 \$0.00 1 \$0.00 0.00 2023 Test Plan Development 1 LS 1,570 1,570 \$0.00 \$0.00 \$0.00 2024 495 495 \$0.00 \$0.00 0.00 \$0.00 \$0.00 Programming Review Mtg LS 1 \$0.00 2025 Installation / Testing (3-Day Install) 1 LS 11,275 11,275 \$0.00 0.00 \$0.00 \$0.00 Red-Line Implementation, As-Builts, Hardware & Software \$0.00 2026 1 LS 2,530 2,530 \$0.00 0.00 \$0.00 \$0.00 O&M Development 2027 Staff Review and Address Punchlists and trainig LS 1,365 1.365 \$0.00 \$0.00 0.00 \$0.00 \$0.00 1 2028 Material Buyout 1 LS 34,783 34,783 \$0.00 \$0.00 0.00 \$0.00 \$0.00 Logan PS NaOCL \$0.00 0.00 \$0.00 \$0.00 \$0.00 2029 Finalize Panel Drawings 1 LS 1,555 1,555 \$0.00 \$0.00 0.00 \$0.00 \$0.00 4,790 4,790 \$0.00 0.00 2030 PLC Programming LS \$0.00 \$0.00 \$0.00 1 2031 \$0.00 \$0.00 0.00 \$0.00 **HMI Programming** 1 LS 6.860 6,860 \$0.00 2032 Test Plan Development LS 1,570 1,570 \$0.00 \$0.00 0.00 \$0.00 \$0.00 1 2033 Programming Review Mtg 1 LS 495 495 \$0.00 \$0.00 0.00 \$0.00 \$0.00 2034 0.00 9,155 9,155 \$0.00 \$0.00 \$0.00 \$0.00 Installation / Testing (2-Day Install) LS 1 Red-Line Implementation, As-Builts, Hardware & Software 1,950 1,950 \$0.00 \$0.00 0.00 \$0.00 \$0.00 LS 1 2035 O&M Development 1,365 \$0.00 \$0.00 0.00 \$0.00 \$0.00 2036 Staff Review and Address Punchlists and trainig 1 LS 1,365 2037 18,703 18,703 0.00 LS \$0.00 \$0.00 \$0.00 \$0.00 Material Buyout 1 Plant SCADA \$0.00 \$0.00 0.00 \$0.00 \$0.00 8,775 2038 1 LS 8,775 \$0.00 \$0.00 0.00 \$0.00 \$0.00 Plant Wonderware Screen Other Material

29,197

3,061

6,121

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TOTALS

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Attachment #2 Schedule of Values

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		Application Number:		
		Application Date:		
		Period To:		
		Fellou IO.		
F	(G	Н	Ι
	TOTAL COMPLETED	5		
MATERIALS	AND STORED TO	%	BALANCE TO	
ESENTLY STORED	DATE	(G/C)	FINISH	RETAINAGE 0%
(NOT IN D OR E)	(D+E+F)	(0,0)	(C - G)	
	(Dieit)			
\$0.00	\$0.00	0%	\$1,555	0%
\$0.00	\$0.00	0%	\$6,070	0%
\$0.00	\$0.00	0%	\$6,860	0%
\$0.00	\$0.00	0%	\$1,570	0%
\$0.00	\$0.00	0%	\$495	0%
\$0.00	\$0.00	0%	\$16,015	0%
\$0.00	\$0.00	0%	\$2,530	0%
\$0.00	\$0.00	0%	\$1,365	0%
\$0.00	\$0.00	0%	\$4,520	0%
\$0.00	\$0.00	0%	\$42,449	0%
\$0.00	\$0.00	0%	\$42,449	0%
\$0.00	\$0.00	0%	\$1,555	0%
\$0.00	\$0.00	0%	\$4,790	0%
\$0.00	\$0.00	0%	\$5,580	0%
\$0.00	\$0.00	0%	\$1,570	0%
\$0.00	\$0.00	0%	\$495	0%
\$0.00	\$0.00	0%	\$9,155	0%
Ş0.00	90.00	070	\$5,155	070
\$0.00	\$0.00	0%	\$1,950	0%
\$0.00	\$0.00	0%	\$1,365	0%
\$0.00	\$0.00	0%	\$16,961	0%
\$0.00	\$0.00	0%	\$0	0%
\$0.00	\$0.00	0%	\$1,555	0%
\$0.00	\$0.00	0%	\$6,070	0%
\$0.00	\$0.00	0%	\$6,860	0%
\$0.00	\$0.00	0%	\$1,570	0%
\$0.00	\$0.00	0%	\$495	0%
\$0.00	\$0.00	0%	\$11,275	0%
٥ <u>.</u> ،00	JU.UU	0%	777715	070
\$0.00	\$0.00	0%	\$2,530	0%
\$0.00	\$0.00	0%	\$1,365	0%
\$0.00	\$0.00	0%	\$1,303	0%
\$0.00	\$0.00	0%	\$34,783	0%
\$0.00	\$0.00	0%	\$1,555	0%
\$0.00	\$0.00	0%	\$4,790	0%
\$0.00	\$0.00	0%	\$6,860	0%
\$0.00	\$0.00	0%	\$1,570	0%
\$0.00	\$0.00	0%	\$1,570	0%
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\$0.00	\$0.00	0%	\$1,950	0%
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\$0.00	\$0.00	0%	\$1,303	0%
\$0.00	\$0.00	0%	\$18,703	0%
\$0.00	\$0.00	0%	<u>ېں</u> \$8,775	0%
ŞU.UU	ŞU.UU	0%		U%
\$0.00	\$0.00	0%	\$0 \$29,197	0%
\$0.00	\$0.00	0%	\$3,061	0%
\$0.00	\$0.00	0%	\$6,121	0%
-			286,950.00	
-	-	-	200,950.00	-

SCHED	OULE OF VALUES						Attachment #2 Scheo	lule of Values								
	Job:													Application Number:		
Cor	ntract Number:190-01	32-NC(PLU)												Application Date:		
														Period To:		
													•			
	А	В				C			D		E	F	(i	Н	i I
				UNIT					WORK COMPLETED			MATERIALS	TOTAL COMPLETED		BALANCE TO	
Item	No.	Description of Work	QTY	OF	UNIT PRICE	SCHEDULED VALUE	TOTAL QUANTITY	TOTAL QUANTITY	TOTAL COMPLETED		COMPLETED THIS	PRESENTLY STORED	AND STORED TO	%	FINISH	RETAINAGE 0%
item		Description of Work	Q	MEASURE	ONTITUCE	SCHEDOLED WILLOL	COMPLETED	COMPLETED	(D+ E FROM	COMPLETED THIS	PERIOD	(NOT IN D OR E)	DATE	(G/C)	(C - G)	
				MEASONE			CONFLETED	PREVIOUS APP	PREVIOUS APP)	PERIOD	FERIOD		(D+E+F)		(0 0)	
		Phase 2 Construction Services W.E.														
	3000															
		Dunn Water Recalimation Facility														
PLC-21																
	3001	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00						0%	\$1,555	
	3002	PLC Programming	1	LS	6,980	6,980	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%	\$6,980	
	3003	HMI Programming	1	LS	8,915	8,915	\$0.00	\$0.00						0%	\$8,915	
	3004	Test Plan Development	1	LS	3,140	3,140	\$0.00	\$0.00						0%	. ,	
	3005	Programming Review Mtg	1	LS	640	640	\$0.00	\$0.00						0%		
	3006	Installation / Testing (3-Day Install)	1	LS	11,800	11,800	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$11,800	0%
	3007	Red-Line Implementation, Red-Line Implementation, As-	1	LS	2,530	2,530	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,530	0%
		Builts, Hardware & Software O&M Development	-			-										
	3008	Staff Review and Address Punchlists and trainig	1	LS	1,220	1,220	\$0.00	\$0.00						0%		
	3009	Material Buyout	1	LS	27,417	27,417	\$0.00	\$0.00	0.00		\$0.00			0%	\$27,417	
PLC-13										\$0.00		\$0.00		0%	\$0	
	3010	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00			\$0.00	\$0.00		0%	\$1,555	
	3011	PLC Programming	1	LS	5,700	5,700	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%	\$5,700	
	3012	HMI Programming	1	LS	7,055	7,055	\$0.00	\$0.00						0%	\$7,055	
	3013	Test Plan Development	1	LS	1,570	1,570	\$0.00	\$0.00			\$0.00	\$0.00		0%	\$1,570	
	3014	Programming Review Mtg	1	LS	815	815	\$0.00	\$0.00						0%		
	3015	Installation / Testing (3-Day Install)	1	LS	11,450	11,450	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$11,450	0%
		Red-Line Implementation, Red-Line Implementation, As-	1	LS	2,530	2,530	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,530	0%
	3016	Builts, Hardware & Software O&M Development	-								-	-				
	3017	Staff Review and Address Punchlists and trainig	1	LS	1,220	1,220	\$0.00	\$0.00						0%		
	3018	Material Buyout	1	LS	26,024	26,024	\$0.00	\$0.00	0.00		\$0.00			0%	\$26,024	
PLC-17										\$0.00				0%	\$0	
	3019	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00			\$0.00			0%	\$1,555	
	3020	PLC Programming	1	LS	2,560	2,560	\$0.00	\$0.00			\$0.00	\$0.00		0%	\$2,560	
	3021	HMI Programming	1	LS	7,055	7,055	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%	\$7,055	
	3022	Test Plan Development	1	LS	1,570	1,570	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%	\$1,570	
	3023	Programming Review Mtg	1	LS	640	640	\$0.00	\$0.00						0%	\$640	
	3024	Installation / Testing (1-Day Install)	1	LS	5,535	5,535	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$5,535	5 0%
	3025	Red-Line Implementation, Red-Line Implementation, As-	1	LS	1,730	1,730	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,730	0%
		Builts, Hardware & Software O&M Development		-								-				
	3026	Staff Review and Address Punchlists and trainig	1	LS	1,220	1,220	\$0.00	\$0.00						0%		
	3027	Material Buyout	1	LS	16,148	16,148	\$0.00	\$0.00	0.00		\$0.00	\$0.00		0%	\$16,148	
PLC-18	2020									\$0.00				0%	\$0	
	3028	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00			\$0.00			0%	\$1,555	
	3029	PLC Programming	1	LS	8,260		\$0.00	\$0.00						0%		
	3030	HMI Programming	1	LS	7,055	7,055	\$0.00	\$0.00						0%	\$7,055	
	3031	Test Plan Development	1	LS	2,850	2,850	\$0.00	\$0.00						0%	\$2,850	
	3032	Programming Review Mtg	1	LS	640	640	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$640	0%
	2022	Installation / Testing (4-Day Install) Replace Doors, remove	1	LS	20,650	20,650	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$20,650	0%
	3033	OIT & Panel Rust Clean-up, Sunshield				,		,							. ,	↓ ┃
1	2024	Red-Line Implementation, Red-Line Implementation, As-	1	LS	3,110	3,110	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$3,110	0%
	3034	Builts, Hardware & Software O&M Development				-										
	3035	Staff Review and Address Punchlists and trainig	1	LS	1,510	1,510	\$0.00	\$0.00						0%		
	3036	Material Buyout	1	LS	41,408	41,408	\$0.00	\$0.00	0.00					0%		
PLC-19	2027	Singling Density	4		4		** **	A		\$0.00				0%	\$0	
	3037	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00 \$0.00						0%	\$1,555	
	3038	PLC Programming	1	LS	6,280	6,280	\$0.00							0%	\$6,280	
	3039	HMI Programming	1	LS	7,055	7,055	\$0.00	\$0.00						0%	\$7,055	
	3040	Test Plan Development	1	LS	1,570	1,570	\$0.00	\$0.00						0%		
	3041	Programming Review Mtg	1	LS	640		\$0.00	\$0.00						0%		
	3042	Installation / Testing (2-Day Install)	1	LS	9,910	9,910	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$9,910	0%
	3043	Red-Line Implementation, Red-Line Implementation, As-	1	LS	2,240	2,240	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,240	0%
	3044	Builts, Hardware & Software O&M Development	1	10	1 220		\$0.00	\$0.00	0.00	\$0.00				0%		
	3045	Staff Review and Address Punchlists and trainig	<u>1</u> 1	LS	1,220 17,769	1,220 17,769	\$0.00	\$0.00						0%		
1	JU4J	Material Buyout	1	L3	17,769	17,769	ŞU.UU	ŞU.UU	0.00	ŞU.UU	ŞU.UU	ŞU.UU	Ο .υζ	U%	ş17,769	U%

PCP-800RTU						Г				\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%
	3046	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%
	3047	PLC Programming	1	LS	8,020	8,020	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$8,020 0%
	3048		1	LS	7,055	7,055	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,055 0%
		HMI Programming		-		,									
	3049	Test Plan Development	1	LS	2,850	2,850	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,850 0%
	3050	Programming Review Mtg	1	LS	640	640	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$640 0%
	3051	Installation / Testing (5-Day Install)	1	LS	17,960	17,960	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$17,960 0%
		Red-Line Implementation, Red-Line Implementation, As-	1	LS	2 1 1 0	2 1 1 0	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$3,110 0%
	3052	Builts, Hardware & Software O&M Development	1	LS	3,110	3,110	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$3,110 0%
	3053	Staff Review and Address Punchlists and trainig	1	LS	1,220	1,220	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,220 0%
	3054	Material Buyout	1	LS	28,404	28,404	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$28,404 0%
DI C 20	3034		I	LS	20,404	26,404	Ş0.00	\$0.00	0.00					0%	
PLC-20	2055						4	40.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0 0%
	3055	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%
	3056	PLC Programming	1	LS	5,700	5,700	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$5,700 0%
	3057	HMI Programming	1	LS	7,055	7,055	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,055 0%
	3058	Test Plan Development	1	LS	1,570	1,570	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,570 0%
	3059	Programming Review Mtg	1	LS	815	815	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$815 0%
	3060	Installation / Testing (3-Day Install)	1	LS	11,680	11,680	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$11,680 0%
	2000		1	1.5	11,000	11,080	J0.00	Ş0.00	0.00	ψ υ.00	Ş0.00	Ş0.00	Ψ 0.00	070	911,000 070
	2004	Red-Line Implementation, Red-Line Implementation, As-	1	LS	2,530	2,530	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,530 0%
	3061	Builts, Hardware & Software O&M Development		-						-			•		
	3062	Staff Review and Address Punchlists and trainig	1	LS	1,220	1,220	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,220 0%
	3063	Material Buyout	1	LS	21,991	21,991	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$21,991 0%
PLC-12										\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%
	3064	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%
	3065	PLC Programming	1	LS	6,980	6,980	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$6,980 0%
	3066	HMI Programming	1	LS	7,055	7,055	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,055 0%
		0 0	_	-	,	,									
	3067	Test Plan Development	1	LS	4,710	4,710	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$4,710 0%
	3068	Programming Review Mtg	1	LS	640	640	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$640 0%
	3069	Installation / Testing (4-Day Install)	1	LS	16,220	16,220	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$16,220 0%
		Red-Line Implementation, Red-Line Implementation, As-	4	16	2 020	2 020	ć0.00	¢0.00	0.00	ć0.00	¢0.00	ć0.00	¢0.00	0%	¢2,020,000
	3070	Builts, Hardware & Software O&M Development	1	LS	2,820	2,820	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,820 0%
	3071	Staff Review and Address Punchlists and trainig	1	LS	1,220	1,220	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,220 0%
	3072	Material Buyout	1	LS	32,943	32,943	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$32,943 0%
PLC-12-D1	3072		I	LJ	52,945	52,945	Ş0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%
PLC-12-D1	2072				4.555		<u> </u>	<u> </u>	0.00						
	3073	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%
	3074	PLC Programming	1	LS	6,980	6,980	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$6,980 0%
	3075	HMI Programming	1	LS	6,860	6,860	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$6,860 0%
	3076	Test Plan Development	1	LS	4,905	4,905	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$4,905 0%
	3077	Programming Review Mtg	1	LS	640	640	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$640 0%
	3078	Installation / Testing (4-Day Install)	1	LS	16,220	16,220	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$16,220 0%
		Red-Line Implementation, Red-Line Implementation, As-	_			10)220									
	3079		1	LS	2,820	2,820	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,820 0%
		Builts, Hardware & Software O&M Development	4	1 1 -	1		** **	40.00	0.05	40	40.00	40.00	60.00		<u> </u>
	3080	Staff Review and Address Punchlists and trainig	1	LS	1,220	1,220	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,220 0%
	3081	Material Buyout	1	LS	23,047	23,047	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$23,047 0%
PLC-12-D2										\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%
	3082	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555 0%
	3083	PLC Programming	1	LS	7,680	7,680	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,680 0%
	3084	HMI Programming	1	LS	7.055	7,055	\$0.00		0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7.055 0%
	3085	Test Plan Development	1	LS	1,860	1,860			0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,860 0%
	3086		-	-	815	815			0.00	\$0.00	\$0.00			0%	
		Programming Review Mtg	1	LS								\$0.00	\$0.00		\$815 0%
	3087	Installation / Testing (4-Day Install)	1	LS	14,880	14,880	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$14,880 0%
		Red-Line Implementation, Red-Line Implementation, As-	1	LS	2,530	2,530	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,530 0%
	3088	Builts, Hardware & Software O&M Development	1	1.5	2,330	2,330	ŞU.UU	ŞU.UU	0.00	ŞU.UU	ŞU.UU	ŞU.UU	ΨŪ.00	070	φ 2,330 0/0
	3089	Staff Review and Address Punchlists and trainig	1	LS	1,395	1,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,395 0%
	3090	Material Buyout	1	LS	21,613	21,613				,					\$21,613
Plant SCADA			-			21,013				\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%
I Iant SCADA	3090	Wenderware Screens	1	10	11.075	11,675	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00			
044		Wonderware Screens	T	LS	11,675	11,675	ŞU.UU	ŞU.UU	0.00				\$0.00	0%	
Other Material					<u>↓</u>					\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0 0%
	3091	Spares	1	LS	45,293	45,293			0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$45,293 0%
	3092	Extended Material Warranty	1	LS	7,769	7,769	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$7,769 0%
	3093	Material Cost Escalation Contingency	1	LS	15,538	15,538	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$15,538 0%
				-		-,		· · ·							
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				1	<u>├</u>									+ +	
														<u>↓</u>	
		TOTALS			698,384.00	698,384.00	-	-	-	-	-	-	-	-	698,384.00 -

SCHEDULE OF VALUES

Job:

Contract Number: 190-0132-NC(PLU)

А В D Е WORK COMPLETED UNIT TOTAL QUANTITY TOTAL COMPLETED QUANTITY QTY OF UNIT PRICE SCHEDULED VALUE PRE Item No. Description of Work TOTAL QUANTITY COMPLETED THIS COMPLETED (D+ E FROM COMPLETED THIS MEASURE COMPLETED PERIOD (N PREVIOUS APP PREVIOUS APP) PERIOD Phase 2 Construction Services Waste 4000 To Energy 30-CP-1 4001 1,555 \$0.00 \$0.00 0.00 \$0.00 \$0.00 1,555 Finalize Panel Drawings 1 LS 4002 PLC Programming LS 10,000 10,000 \$0.00 \$0.00 0.00 \$0.00 \$0.00 4003 \$0.00 HMI Programming 1 LS 7,755 7,755 \$0.00 \$0.00 0.00 \$0.00 4004 Test Plan Development LS 1,570 1,570 \$0.00 \$0.00 0.00 \$0.00 \$0.00 1 4005 \$0.00 \$0.00 \$0.00 Programming Review Mtg LS 640 640 \$0.00 0.00 1 4006 Installation / Testing (3-Day Install) LS 12,410 12,410 \$0.00 \$0.00 0.00 \$0.00 \$0.00 4007 0.00 \$0.00 \$0.00 As-Builts, Hardware & Software O&M Development 1 LS 2,530 2,530 \$0.00 \$0.00 4008 Staff Review and Address Punchlists and trainig LS 1,220 1,220 \$0.00 \$0.00 0.00 \$0.00 \$0.00 4009 \$0.00 \$0.00 \$0.00 \$0.00 Material Buyout 1 LS 23.235 23.235 0.00 70-CP-1 \$0.00 \$0.00 4010 1.555 \$0.00 \$0.00 0.00 \$0.00 \$0.00 Finalize Panel Drawings 1 LS 1,555 4011 4,420 \$0.00 \$0.00 0.00 \$0.00 \$0.00 PLC Programming LS 4,420 1 HMI Programming \$0.00 4012 7,055 7,055 \$0.00 \$0.00 \$0.00 1 LS 0.00 4013 1,860 \$0.00 \$0.00 0.00 \$0.00 \$0.00 Test Plan Development 1 LS 1,860 4014 815 \$0.00 \$0.00 0.00 \$0.00 \$0.00 Programming Review Mtg 1 LS 815 4015 10,520 10,520 \$0.00 Installation / Testing (3-Day Install) LS \$0.00 0.00 \$0.00 \$0.00 1 4016 2.530 2,530 \$0.00 \$0.00 \$0.00 \$0.00 As-Builts, Hardware & Software O&M Development 1 LS 0.00 4017 1,220 \$0.00 \$0.00 0.00 \$0.00 \$0.00 Staff Review and Address Punchlists and trainig LS 1,220 1 4018 Material Buyout 1 LS 26,745 26,745 \$0.00 \$0.00 0.00 \$0.00 \$0.00 70-CP-2 \$0.00 \$0.00 4019 \$0.00 \$0.00 \$0.00 Finalize Panel Drawings 1 15 1,555 1,555 \$0.00 0.00 4020 PLC Programming LS 4,420 4,420 \$0.00 \$0.00 0.00 \$0.00 \$0.00 1 4021 HMI Programming 1 LS 7,055 7,055 \$0.00 \$0.00 0.00 \$0.00 \$0.00 4022 Test Plan Development LS 1,860 1,860 \$0.00 \$0.00 0.00 \$0.00 \$0.00 1 4023 \$0.00 \$0.00 \$0.00 \$0.00 Programming Review Mtg 1 LS 815 815 0.00 4024 10,520 \$0.00 \$0.00 0.00 \$0.00 \$0.00 Installation / Testing (3-Day Install) 1 LS 10,520 4025 As-Builts, Hardware & Software O&M Development 1 LS 2,530 2,530 \$0.00 \$0.00 0.00 \$0.00 \$0.00 4026 Staff Review and Address Punchlists and trainig LS 1,220 1,220 \$0.00 \$0.00 0.00 \$0.00 \$0.00 4027 26,745 \$0.00 \$0.00 0.00 \$0.00 \$0.00 Material Buyout 1 LS 26,745 10-CP-1 \$0.00 \$0.00 4028 1.555 \$0.00 \$0.00 0 00 \$0.00 \$0.00 Finalize Panel Drawings 1 LS 1.555 4029 PLC Programming 4,420 4,420 \$0.00 \$0.00 0.00 \$0.00 \$0.00 1 LS 4030 \$0.00 \$0.00 \$0.00 HMI Programming LS 6,860 6,860 \$0.00 0.00 1 4031 1,860 \$0.00 \$0.00 0.00 \$0.00 \$0.00 Test Plan Development 1 LS 1,860 4032 \$0.00 Programming Review Mtg 1 LS 815 815 \$0.00 0.00 \$0.00 \$0.00 4033 10,870 10,870 \$0.00 \$0.00 0.00 \$0.00 \$0.00 Installation / Testing (2-Day Install) 1 LS 4034 2,530 \$0.00 \$0.00 \$0.00 \$0.00 0.00 As-Builts, Hardware & Software O&M Development 1 LS 2.530 4035 LS \$0.00 \$0.00 0.00 \$0.00 \$0.00 Staff Review and Address Punchlists and trainig 1 1,220 1,220 4036 \$0.00 \$0.00 \$0.00 Material Buyout 1 LS 23,943 23,943 0.00 \$0.00 240-PLC-1 \$0.00 \$0.00 Finalize Panel Drawings 1,555 1,555 \$0.00 \$0.00 4037 1 LS 0.00 \$0.00 \$0.00 4038 \$0.00 \$0.00 0.00 \$0.00 PLC Programming 1 LS 8,840 8,840 \$0.00 4039 9,615 \$0.00 \$0.00 0.00 \$0.00 \$0.00 HMI Programming 1 LS 9,615 4040 \$0.00 0.00 Test Plan Development LS 4,360 4,360 \$0.00 \$0.00 \$0.00 4041 815 \$0.00 \$0.00 0.00 \$0.00 \$0.00 Programming Review Mtg 1 LS 815 4042 37,330 \$0.00 \$0.00 0.00 \$0.00 \$0.00 Installation / Testing (10-Day Install) LS 37,330 1 4043 As-Builts, Hardware & Software O&M Development 1 LS 3 725 3.725 \$0.00 \$0.00 0.00 \$0.00 \$0.00 4044 1,220 \$0.00 \$0.00 0.00 \$0.00 Staff Review and Address Punchlists and trainig LS 1,220 \$0.00 1 \$0.00 4045 Material Buyout 1 LS 54,756 54.756 \$0.00 \$0.00 0.00 \$0.00 lant SCADA \$0.00 \$0.00 4046 WTE Plant Wonderware Screen 1 LS 12,375 12,375 \$0.00 \$0.00 0.00 \$0.00 \$0.00 Other Material \$0.00 \$0.00 \$0.00 4047 29 979 \$0.00 \$0.00 0 00 \$0.00 Spares 1 LS 29.979 4048 Extended Material Warranty LS 5,383 \$0.00 \$0.00 0.00 \$0.00 \$0.00 1 5,383 4049 Material Cost Escalation Contingency 1 LS 10,766 10,766 \$0.00 \$0.00 0.00 \$0.00 \$0.00

409,147.00

409,147.00

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TOTALS

Attachment #2 Schedule of Values

		Application Number:		
		Application Date:		
		Period To:		
		Periou TO.		
F	(G	Н	
Г	TOTAL COMPLETED	3	п	1
MATERIALS		%	BALANCE TO	
ESENTLY STORED	AND STORED TO		FINISH	RETAINAGE 0%
NOT IN D OR E)	DATE	(G/C)	(C - G)	
	(D+E+F)		()	
\$0.00	\$0.00	0%	\$1,555.00	0%
\$0.00	\$0.00	0%	\$10,000	0%
\$0.00	\$0.00	0%	\$7,755	0%
\$0.00	\$0.00	0%	\$1,570	0%
\$0.00	\$0.00	0%	\$640	0%
\$0.00	\$0.00	0%	\$12,410	0%
\$0.00	\$0.00	0%	\$2,530	0%
\$0.00	\$0.00	0%	\$1,220	0%
\$0.00	\$0.00	0%	\$23,235	0%
\$0.00		0%	\$23,235	0%
	\$0.00 \$0.00	0%	\$0 \$1,555	0%
\$0.00				
\$0.00	\$0.00	0%	\$4,420	0%
\$0.00	\$0.00	0%	\$7,055	0%
\$0.00	\$0.00	0%	\$1,860	0%
\$0.00	\$0.00	0%	\$815	0%
\$0.00	\$0.00	0%	\$10,520	0%
\$0.00	\$0.00	0%	\$2,530	0%
\$0.00	\$0.00	0%	\$1,220	0%
\$0.00	\$0.00	0%	\$26,745	0%
\$0.00	\$0.00	0%	\$0	0%
\$0.00	\$0.00	0%	\$1,555	0%
\$0.00	\$0.00	0%	\$4,420	0%
\$0.00	\$0.00	0%	\$7,055	0%
\$0.00	\$0.00	0%	\$1,860	0%
\$0.00	\$0.00	0%	\$815	0%
\$0.00	\$0.00	0%	\$10,520	0%
\$0.00	\$0.00	0%		0%
	\$0.00	0%	\$2,530	0%
\$0.00			\$1,220	
\$0.00	\$0.00	0%	\$26,745	0%
\$0.00	\$0.00	0%	\$0	0%
\$0.00	\$0.00	0%	\$1,555	0%
\$0.00	\$0.00	0%	\$4,420	0%
\$0.00	\$0.00	0%	\$6,860	0%
\$0.00	\$0.00	0%	\$1,860	0%
\$0.00	\$0.00	0%	\$815	0%
\$0.00	\$0.00	0%	\$10,870	0%
\$0.00	\$0.00	0%	\$2,530	0%
\$0.00	\$0.00	0%	\$1,220	0%
\$0.00	\$0.00	0%	\$23,943	0%
\$0.00	\$0.00	0%	\$0	0%
\$0.00	\$0.00	0%	\$1,555	0%
\$0.00	\$0.00	0%	\$8,840	0%
\$0.00	\$0.00	0%	\$9,615	0%
\$0.00	\$0.00	0%	\$4,360	0%
\$0.00	\$0.00	0%	\$815	0%
\$0.00	\$0.00	0%	\$37,330	0%
\$0.00	\$0.00	0%	\$3,725	0%
\$0.00	\$0.00	0%	\$3,723	0%
-				
\$0.00	\$0.00	0%	\$54,756	0%
\$0.00	\$0.00	0%	\$0	0%
\$0.00	\$0.00	0%	\$12,375	0%
\$0.00	\$0.00	0%	\$0	0%
\$0.00	\$0.00	0%	\$29,979	0%
\$0.00	\$0.00	0%	\$5,383	0%
\$0.00	\$0.00	0%	\$10,766	0%
-	-	-	409,147.00	-

-

SCHEDULE OF VALUES						Attachment #2 Sched	ule of Values								
Job:													Application Number:		
Contract Number: 190-013	32-NC(PLU)												Application Date:		
													Period To:		
			1							-	-	r	^		
A	В				C			D WORK COMPLETED		E	F	TOTAL COMPLETED	G	Н	+ <u> </u>
			UNIT				TOTAL QUANTITY	TOTAL COMPLETED	QUANTITY		MATERIALS	AND STORED TO	%	BALANCE TO	
Item No.	Description of Work	QTY	OF	UNIT PRICE	SCHEDULED VALUE	TOTAL QUANTITY		(D+ E FROM		COMPLETED THIS	PRESENTLY STORED	DATE	% (G/C)	FINISH	RETAINAGE 0%
			MEASURE			COMPLETED	COMPLETED PREVIOUS APP	PREVIOUS APP)	COMPLETED THIS PERIOD	PERIOD	(NOT IN D OR E)	(D+E+F)	(6/C)	(C - G)	
							PREVIOUS APP	FREVIOUS AFF)	FERIOD						
5000	Phase 2 Construction Services Synagro													(
Hauck (PLC-20) SLC-500 (Head End Onl															
5001	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555	5 0%
5001	PLC Programming	1	LS	13,950	13,950	\$0.00	\$0.00	0.00	\$0.00				0%	\$13,950	
5002	HMI Programming	1	LS	7,985	7,985	\$0.00	\$0.00						0%		
5004	Test Plan Development	1	LS	1,570	1,570	\$0.00	\$0.00						0%	. ,	
5005	Programming Review Mtg	1	LS	640	640	\$0.00	\$0.00						0%	. ,	
5006	Installation / Testing (5-Day Install) - Set New Panel	1	LS	24,110	24,110	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$24,110	0%
5007	As-Builts, Hardware & Software O&M Development	1	LS	2,530	2,530	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$2,530	0%
5008	Staff Review and Address Punchlists and trainig	1	LS	1,220	1,220	\$0.00	\$0.00	0.00				\$0.00	0%	,	
5009	Material Buyout	1	LS	24,016	24,016	\$0.00	\$0.00	0.00					0%	. ,	
Andritx/CECO (PLC-60) (SLC-500 Head									\$0.00				0%	-	
5010	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00						0%	1 /	
5011	PLC Programming	1	LS	18,600	18,600	\$0.00	\$0.00	0.00				\$0.00	0%	\$18,600	
5012 5013	HMI Programming	1	LS	18,795	18,795 1,860	\$0.00 \$0.00	\$0.00 \$0.00	0.00	\$0.00 \$0.00				0%	\$18,795	
5013	Test Plan Development Programming Review Mtg	1	LS	1,860 815	1,860	\$0.00 \$0.00	\$0.00 \$0.00	0.00				\$0.00 \$0.00	0% 0%	\$1,860 \$815	
5014	Installation / Testing (2-Day Install)	1	LS	10,470	10,470	\$0.00	\$0.00	0.00					0%		
5015	As-Builts, Hardware & Software O&M Development	1	LS	2,530	2,530	\$0.00	\$0.00						0%		
5017	Staff Review and Address Punchlists and training	1	LS	1,220	1,220	\$0.00	\$0.00	0.00					0%	. ,	
5018	Fiber Conduit	1	LS	8,760	8,760	\$0.00	\$0.00						0%	. ,	
5019	Material Buyout	1	LS	39,412	39,412	\$0.00	\$0.00	0.00			\$0.00	\$0.00	0%	\$39,412	2 0%
Andritx/CECO BMP RIO (RIO-60)									\$0.00	\$0.00	\$0.00	\$0.00	0%	\$0	0%
5020	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	0%	\$1,555	5 0%
5021	PLC Programming	1	LS	9,300	9,300	\$0.00	\$0.00						0%	1-7	
5022	HMI Programming	1	LS	7,985	7,985	\$0.00	\$0.00						0%	,	
5023	Test Plan Development	1	LS	1,860	1,860	\$0.00	\$0.00	0.00					0%	1,	
5024	Programming Review Mtg	1	LS	815	815	\$0.00	\$0.00	0.00					0%	\$815	
5025	Installation / Testing (2-Day Install)	1	LS	10,470	10,470	\$0.00	\$0.00	0.00	\$0.00				0%	\$10,470	
5026 5027	As-Builts, Hardware & Software O&M Development	1	LS	2,530 1,220	2,530 1,220	\$0.00 \$0.00	\$0.00 \$0.00	0.00					0% 0%	. ,	
5027	Staff Review and Address Punchlists and trainig Material Buyout	1	LS	22,377	22,377	\$0.00	\$0.00						0%	. ,	
MCC# 1 Racks 0 - 3 PLC-5 (Head End)		1	LJ	22,377	22,311	Ş0.00	Ş0.00	0.00	\$0.00				0%		
5029	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00					0%	1.5	
5030	PLC Programming	1	LS	37,200	37,200	\$0.00	\$0.00	0.00				\$0.00	0%		
5031	HMI Programming	1	LS	37,395	37,395	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$37,395	5 0%
5032	Test Plan Development	1	LS	5,340	5,340	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$5,340	0%
5033	Programming Review Mtg	1	LS	1,630	1,630	\$0.00	\$0.00						0%	,	
5034	Installation / Testing (6-Day Install)	1	LS	24,860	24,860	\$0.00	\$0.00						0%		
5035	As-Builts, Hardware & Software O&M Development	1	LS	6,815	6,815	\$0.00	\$0.00						0%	. ,	
5036	Staff Review and Address Punchlists and trainig	1	LS	2,615	2,615	\$0.00	\$0.00						0%		
5037 MCC# 1 Racks 4 & 5 (PLC-5 RIO)	Material Buyout	1	LS	39,252	39,252	\$0.00	\$0.00	0.00	\$0.00 \$0.00				0% 0%		
5038	Finalize Panel Drawings	1	LS	1,555	1,555	\$0.00	\$0.00	0.00					0%		
5039	PLC Programming	1	LS	18,600	18,600	\$0.00	\$0.00						0%	. ,	
5040	HMI Programming	1	LS	9,495	9,495	\$0.00	\$0.00						0%	. ,	
5041	Test Plan Development	1	LS	3,020	3,020	\$0.00	\$0.00						0%		
5042	Programming Review Mtg	1	LS	1,630	1,630	\$0.00	\$0.00				\$0.00	\$0.00	0%	\$1,630	0%
5043	Installation / Testing (4-Day Install)	1	LS	22,550	22,550	\$0.00	\$0.00						0%	\$22,550	0%
5044	As-Builts, Hardware & Software O&M Development	1	LS	4,490	4,490	\$0.00	\$0.00						0%		
5045	Staff Review and Address Punchlists and trainig	1	LS	1,220	1,220	\$0.00	\$0.00						0%	,	
5046	Fiber Conduit	1	LS	8,760	8,760	\$0.00	\$0.00						0%		
5047	Material Buyout	1	LS	34,436	34,436	\$0.00	\$0.00	0.00					0%	. ,	
MCC# 1 Racks 6 & 7 (PLC-5 RIO) 5048	Einaliza Banal Drawings	1	15	1 6 7 7	1 555	ć0.00	\$0.00	0.00	\$0.00 \$0.00				0% 0%		
5048	Finalize Panel Drawings PLC Programming	1	LS	1,555 18,600	1,555 18,600	\$0.00 \$0.00	\$0.00						0%		
5050	HMI Programming	1	LS	9,495	9,495	\$0.00	\$0.00						0%		
5050	Test Plan Development	1	LS	3,020	3,020	\$0.00	\$0.00						0%	. ,	
5051	Programming Review Mtg	1	LS	1,630	1,630	\$0.00	\$0.00						0%		
5053	Installation / Testing (4-Day Install)	1	LS	22,550	22,550	\$0.00	\$0.00						0%	. ,	
5054	As-Builts, Hardware & Software O&M Development	1	LS	4,490	4,490	\$0.00	\$0.00	0.00					0%		
5055	Staff Review and Address Punchlists and trainig	1	LS	1,220	1,220		\$0.00						0%		
		-					-								

5056	Fiber Conduit	1	LS	12,560	12,560	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$12,560	0%
5057	Material Buyout	1	LS	43,601	43,601	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$43,601	0%
Plant SCADA															
5058	Synagro Wonderware Screen	1	LS	18,775	18,775	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$18,775	0%
Other Material															
4047	Spares	1	LS	32,135	32,135	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$32,135	0%
4048	Extended Material Warranty	1	LS	5,466	5,466	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$5,466	0%
4049	Material Cost Escalation Contingency	1	LS	10,932	10,932	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$10,932	0%
	TOTALS			\$688,152.00	\$688,152.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$688,152.00	\$0.00

Attachment 3

Assumptions, Clarifications, & Exclusions



Contract # 190-0132-NC (PLU)

ATTACHMENT #3 - Clarifications and Exclusions



GENERAL NOTES

1. The pricing for the Lump Sum Agreement is based on the Phase 1 panel designs. Any price increases due to manufacturer shall be forwarded to the Owner and funded by the Owner Contingency.

2. As identified in Exhibit K -Permits are not included in this scope of work. This will include electrical permits from any work that requires the extension of conduits

3. The Owner will be responsible for the operation of the existing/new process control panels. Additionally, the Owner shall supply the necessary plant labor to ensure that the appropriate plant operations are being monitored and controlled during the panel modifications and installation. Services for work not included: repair of non-working equipment, re-calibration of instruments and rewiring/labeling of field equipment.

4. The project's phased construction sequences will require multiple warranties and beneficial uses. Schenieder hardware material warranty will start up the material delivery. Construction warranty will start as equipment are placed into service and the County has beneficial use. It is assumed the beneficial use occurs upon final startup, training and commissioning of each panel. One year warranty will begin upon the Owners acceptance of the panel.

5. Rocha Controls will be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the work. Rocha Controls shall take al necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury and loss.

6. The proposed scope of work is for the replacement of Schneider Electric Programmable Logic Controllers within the panels identified in Attachment 1. This work is limited to within the panel.

External work to the panels for electrical piping, relocation of panels is proposed to the following PLCs:

- Gulf Beach Control Panel: Replace existing enclosure

- PLC-18 Grit: Replace enclosure doors, Add Sunshields and Door Hardware

- LCPCHLOR - Cut Trench across road to PLC-1400. Install new conduit and pull cables conductors to LCP-1400

- UCP-100/01 (McKay PS): Add (1) new Enclosure, (2) pull-boxes, extend new conduit to new panel location

- LCP-1601: Install new conduit between LCP-1601 & LCP-1601 Drop
- Synagro PLC-20: New Enclosure, New Conduit and FO Cable is required between PLC-20 and PLC60
- Synagro RIO-60: New Sunshield
- Synagro RIO-10: New Conduit and FO Cable is required between PLC-5 and RIO-10
- Synagro PLC-5 RIO: New Conduit and FO Cable is required between PLC-5 and PLC-5 RIO

7. The Owner has requested managed Switches for the project. Rocha Controls will supply the switches to the Owner for configuration to include but not be limited to assign IP address, install software and security patches, VLANs, etc.

8. Rocha Controls will provide continuous project coordinate but can not be held responsible for Schneider Electric material delays, weather delays, delays for staff or equipment operational availability and coordination with other on-going /future projects.

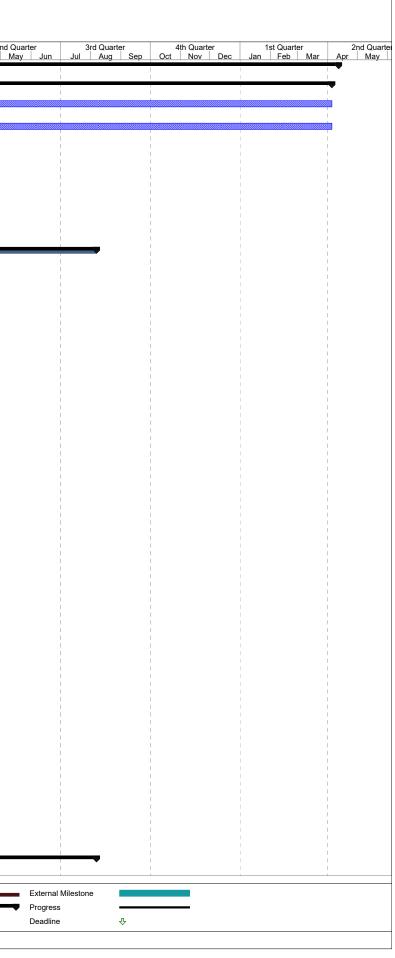
9. Work will be coordinated with Owner and Synagro. The Owner will be responsible for paying for sludge hauling requirements during the Construction Work. Rocha will adjust our project schedule as needed so we are working with the Owner when Synagro is scheduled to be shut down

Attachment 4

Completion Schedule

PINELLAS COUNTY PHASE 2 DB - QUANTUM AND UNITY UPGRADES

ID T	ask Name	Duration	Start	Finish	3rd Quarter Jul Aug Sep	4th Quarter Oct Nov Dec	1st Quarter Jan Feb Mar	2nd Quarter	3rd Quarter un Jul Aug S	ep Oct Nov		
1	Pinellas County - Quantum and Unity Upgrades Phase II Construction Schedule	705 days	Mon 8/1/22	Fri 4/11/25				rist indy C				
2	1.0 Pinellas Count Utilites - Quantum and Unity Upgrades Project Management	700 days	Mon 8/1/22	Fri 4/4/25	•		1		1	1		
3	Project Meeting, Billings, etc.	700 days	Mon 8/1/22	Fri 4/4/25								1
4	Project Kick-off Meeting	1 day	Mon 8/8/22	Mon 8/8/22	I		1	l	1	I		I
5	Project Meeting Monthly		Mon 8/1/22	Fri 4/4/25			1					
6 7	2.0 Hardware Order Compile Final Hardware Order	-	Mon 8/15/22 Mon 8/15/22	Fri 6/9/23 Fri 9/2/22								1
8	Received Confirmation and Submit Hardware PO		Mon 9/5/22	Fri 9/30/22								
9	Material Delivery		Mon 10/3/22	Fri 6/9/23								
10	3.0 Prepare Release for Construction Drawings		Mon 8/15/22	Fri 3/3/23								
11 12	Receive and correct PC edits for South Cross Bayou WRF Receive and correct PC edits for SK Keller WTF	•	Mon 8/15/22 Mon 11/7/22	Fri 11/4/22 Fri 12/2/22		•	1					I
13	Receive and correct PC edits for WE Dunn WRF	•	Mon 12/5/22	Fri 1/13/23								
14	Receive and correct PC edits for Waste to Energy		Mon 1/16/23	Fri 2/3/23	1							
15	Receive and correct PC edits for Synagro		Mon 2/6/23	Fri 3/3/23						1		1
16 17	4.0 Programming - HMI, PLC and Test Plans South Cross Bayou WRF Prog		Mon 8/15/22 Mon 8/15/22	Tue 8/6/24			Ĩ					
18	RDT-1201	-	Mon 8/15/22									
19	RDT-1202		Mon 8/29/22				1					I
20	RDT-1203		Thu 9/8/22									
21 22	THKNR_PLCA UPC-701	-	Tue 9/20/22 Tue 10/4/22				1			l		1
23	UCP-702	•	Tue 10/11/22				1					
24	UCP-703		Tue 10/18/22 N									
25	LCP-2420		Tue 10/25/22		1							
26 27	LCP-5420 LCPGEN1	•	Fri 11/4/22 Ted 11/16/22				1					I
28	LCP-0600		Mon 11/28/22				1					
29	LCP-0024		Ved 12/14/22									1
30	LCP-0022	•	Fri 12/30/22					1				
31 32	LCP-0030 LCP-RCW		Fri 1/13/23 Fri 1/27/23									
33	THKNR-PLCB	•	Tue 2/14/23									
34	LCP-CHLOR.	10 days	Wed 2/22/23	Tue 3/7/23								
35	LCP-DECHLOR	•	Wed 3/8/23				🕹					
36 37	MINI_FOG LCP-20300		Wed 3/15/23 Wed 3/22/23	Tue 3/21/23 Tue 4/4/23			1					1
38	LCP-ABB	•	Wed 4/5/23		1		1					
39	RTU-062	5 days	Wed 4/19/23	Tue 4/25/23			1	i i i				
40	UCP-100/01 - McKay		Wed 4/26/23					<u> </u>				
41 42	PS54 PLC Belleair PCP PS-080		Wed 5/10/23 Thu 5/18/23									
43	Bellair RTU		Fri 5/26/23		1							I
44	LCP-1601 HSBY and LCP-1601 Drop 12		Thu 6/1/23		1		T T			I I		1
45 46	SPB RCW-570		Thu 6/15/23				1			l I		l
46	PTOC-LCP-0111 Graphics	5 days 5 days	Thu 6/29/23 Thu 7/6/23		1		1			1		I
48	S.K. Keller WTF Prog	22 days	Thu 7/13/23	Fri 8/11/23			T T					l
49	Gulf Beach Pump Station Main Panel		Thu 7/13/23					, 		1		
50 51	Gulf Beach Panel NaOCL RIO Panel Logan Pump Station		Fri 7/21/23 Fri 7/28/23	Thu 7/27/23 Fri 8/4/23								
52	Logan PS NaOCL RIO Panel		Mon 8/7/23				1					I
53	W.E. Dunn WRF Prog	71 days	Mon 8/14/23 N	lon 11/20/23			l l		↓ ↓			
54	PLC-21		Mon 8/14/23				l l					
55 56	PLC-13 PLC-17		Wed 8/23/23 Thu 8/31/23				1					I
57	PLC-18		Wed 9/6/23				l I			ъl		l
58	PLC-19	6 days	Mon 9/18/23	Mon 9/25/23						The second secon		
59	PCP-800RTU - Oldsmar	•	Tue 9/26/23 V									
60 61	PLC-20 PLC-12		Thu 10/12/23 Thi 10/20/23									
62	PLC-12-D1		Wed 11/1/23				T T					I
63	PLC-12-D2		Fri 11/10/23 N				l l					l
64	Waste To Energy Prog	-	Tue 11/21/23				l I					l
65 66	30-CP-1 70-CP-1		Tue 11/21/23 Tri 12/1/23									
67	70-CP-2		Mon 12/11/23		1							
68	10-CP-1	6 days	Tue 12/19/23	ue 12/26/23			l l			I I		
69	240-PLC-1		Ved 12/27/23				l l			I I	↓	
70 71	Synagro Prog Hauck (PLC-20) SLC-500 (Head End Only)	-	Thu 1/18/24 Thu 1/18/24				l I	l I	1	l I		
		10 0435	.110 1/10/24				1					1
Project:	Pinellas County Quantum Task Sum	mary			External Milestone	Ir	nactive Milestone		Duration-only		Start-only	
and Unit	a the second s	ect Summary	\bigtriangledown		Inactive Task	Ir	nactive Summary		Manual Summary Rollup	•	Finish-only	
Date: Sa	Milestone	rnal Tasks			Inactive Milestone	N	lanual Task	\diamond	Manual Summary	•	External Tasks	\diamond



PINELLAS COUNTY PHASE 2 DB - QUANTUM AND UNITY UPGRADES

				PHASE 2 DB -	QUANTUM AND UNITY UP	GRADES					
ID Task Name	Duration Star	art Finish	3rd Quarter 4th	Quarter 1st Qu	arter 2nd Quarter	3rd Quarter 4th Quar	rter 1st Quarter	2nd Quarter	3rd Quarter 4th Quarter	1st Quarter	2nd Qu
				Nov Dec Jan Fe					I Aug Sep Oct Nov E		or May
72 Andritx/CECO (PLC-60) (SLC-500 Head End)		2/13/24 Fri 3/15/24									
73 Andritx/CECO BMP RIO (RIO-60) 74 MCC# 1 Racks 0 - 3 PLC-5 (Head End)	14 days Mon 3/										
74 MCC# 1 Racks 0 - 5 PLC-5 (Head End) 75 MCC# 1 Racks 4 & 5 (PLC-5 RIO)	20 days Wed 6/	4/5/24 Tue 6/11/24 6/12/24 Tue 7/9/24				1	· · · · · · · · · · · · · · · · · · ·				
76 MCC# 1 Racks 6 & 7 (PLC-5 RIO)	20 days Wed 7/		1								
 5.0 Begin Field Modifications (Installation including 2 Day Operations Testing) 		6/12/23 Tue 3/25/25		l l		 					
78 South Cross Bayou WRF Install	255 days Mon 6	6/12/23 Fri 5/31/24							l I		
79 RDT-1201 - 3 Day Install	10 days Mon 6/		1					•	1		
80 RDT-1202 -3 Day Install	6 days Mon 6	6/26/23 Mon 7/3/23					1				
81 RDT-1203 - 3 Day install		7/4/23 Tue 7/11/23	1			li l			I I		
82 THKNR_PLCB - 4 Day install		7/12/23 Tue 7/25/23	1			¦ 📥			1		
83 UPC-701 - 2 Day install		7/26/23 Tue 8/1/23									
84 UCP-702 - 2 Day install 85 UCP-703 - 2 Day Install		8/2/23 Tue 8/8/23 8/9/23 Tue 8/15/23	I I						1		
86 LCP-2420 - 3 Day Install		3/16/23 Fri 8/25/23	1						1		
87 LCP-5420 - 3 Day install		3/28/23 Wed 9/6/23									
88 LCPGEN1 - 3 Day install		9/7/23 Mon 9/18/23							1 I		
89 LCP-0600 - 7 Day Install		9/19/23 Fri 10/6/23				¦ 🛛 👗			1		
90 LCP-0024 - 7 Day Install		10/9/23 Thu 10/26/23				· · · · · · · · · · · · · · · · · · ·					
91 LCP-0022 - 4 Day Install		0/27/23 Thu 11/9/23	l l	1		¦ 🔤	1 I		I I		
92 LCP-0030 - 4 Day Install 93 LCP-RCW - 5 Day install		1/10/23 Thu 11/23/23									
93 LCP-RCW - 5 Day install 94 THKNR-PLCB - 2 Day Install		1/24/23 Mon 12/11/23 2/12/23 Wed 12/20/23									
95 LCP-CHLOR 4 Day install		2/21/23 Wed 12/20/23 2/21/23 Mon 1/1/24							I I		
96 LCP-DECHLOR - 3 Day install		1/2/24 Tue 1/9/24									
97 MINI_FOG - 3 Day install		1/10/24 Fri 1/19/24									
98 LCP-20300 - 5 Day Install	10 days Mon 1/								1		
99 LCP-ABB - 5 Day Install		2/5/24 Fri 2/16/24	1				· · · · · · · · · · · · · · · · · · ·		1		
00 RTU-062 - 2 Day install		2/19/24 Mon 2/26/24	l I			1 I) I		
01 UCP-100/01 - McKay - 6 Day install 02 PS54 PLC - 3 Day Install		2/27/24 Fri 3/15/24 3/18/24 Mon 3/25/24	1						1		
102 P334 FLC - 3 Day Install 103 Belleair PCP PS-080 - 3 Day Install	6 days Mon 3/		1				¦		1		
04 Bellair RTU - 3 Day Install	•	4/3/24 Wed 4/10/24									
105 LCP-1601 HSBY and LCP-1601 Drop 12 - 5 Day Install		4/11/24 Fri 4/26/24				I			I I		
06 SPB RCW-570 - 4 Day Install	10 days Mon 4/										
07 PTOC-LCP-0111 - 1 Day install plus relocate panel		5/13/24 Fri 5/24/24	i I								
08 Graphics - 2 Day install	5 days Mon 5/		1					ă↓ ¦	1		
09 S.K. Keller WTF Install		6/3/24 Thu 7/4/24	1								
III Gulf Beach Pump Station Main Panel - 3 Day Install III Gulf Beach Panel NaOCL RIO Panel - 2 Day install		6/3/24 Mon 6/10/24 6/11/24 Tue 6/18/24	l I						l I		
12 Logan Pump Station - 3 Day Install		6/19/24 Wed 6/26/24	1						1		
13 Logan PS NaOCL RIO Panel - 2 Day Install		6/27/24 Thu 7/4/24									
14 W.E. Dunn WRF Install	•	7/5/24 Tue 10/22/24	l I	I I		1 I					
15 PLC-21 - 3 Day Install	8 days Fri	7/5/24 Tue 7/16/24	1								
16 PLC-13 - 3 Day Install		7/17/24 Wed 7/24/24	1		1						
17 PLC-17 - 1 Day Install		7/25/24 Tue 7/30/24									
PLC-18 - 4 Day install plus panel repair wk 19 PLC-19 - 2 Day install	•	7/31/24 Tue 8/13/24 3/14/24 Wed 8/21/24	1								
20 PCP-800RTU - 5 Day Install		3/22/24 Wed 9/4/24	1		1						
21 PLC-20 - 3 Day Install		9/5/24 Mon 9/16/24									
22 PLC-12 - 4 Day install		9/17/24 Mon 9/30/24									
23 PLC-12-D1 - 4 Day Install	•	10/1/24 Thu 10/10/24		1				1	▶ 1		
24 PLC-12-D2 - 4 Day Install		0/11/24 Tue 10/22/24						1	i i i i i i i i i i i i i i i i i i i		
25 Waste to Energy Install		0/28/24 Mon 12/30/24				I 			•		
26 30-CP-1 - 3 Day Install 27 70-CP-1 -3 Day Install		D/28/24 Fri 11/22/24 1/25/24 Mon 12/2/24						1			
127 70-CP-1 -3 Day Install 128 70-CP-2 - 3 Day install		1/25/24 Mon 12/2/24 12/3/24 Mon 12/9/24						1 			
29 10-CP-1- 2 Day install		2/10/24 Mon 12/23/24				1 1 1					
30 240-PLC-1 - 10 Day install		2/24/24 Mon 12/30/24							1		
31 Synagro Install	•	2/31/24 Tue 3/25/25						1		¥	
32 Hauck (PLC-20) 5-Day Install		2/31/24 Mon 1/6/25							1	i 🔍	
33 Andritx/CECO (PLC-60) - 2 Day install		1/7/25 Wed 1/22/25									
Andritx/CECO BMP RIO-60 - 2 Day install		1/23/25 Thu 1/30/25						1	I	₽	
MCC# 1 Racks 0 - 3 PLC-5 (Head End) - 6 Day install MCC# 1 Racks 4 & 5 (PLC-5 RIO) - 4 Day install		1/31/25 Thu 2/13/25 2/14/25 Wed 3/5/25							1		
Image: Model # 1 Racks 4 & 5 (PLC-5 RIO) - 4 Day Install Image: Model # 1 Racks 6 & 7 (PLC-5 RIO) - 4 Day Install		3/6/25 Tue 3/25/25						 			
137 1000# 1 Racks 0 & 7 (PL0-5 R(0) - 4 Day install 138 6.0 O&M Documentation, Punch Lists, As-installed Drawings		8/7/23 Fri 4/11/25									
39 As-installed drawings, O&M manuals		8/7/23 Fri 4/11/25									
roject: Pinellas County Quantum Task Sur	mmary V	,	External Milestone	Inactive Milesto	ne ne	ration-only	Start-only	External Miles	tone		
ofect. I menas county quantum	•		nactive Task	Inactive Summa		nual Summary Rollup 🔶	Finish-only				
ate: Sat 5/14/22							•	Progress			
Milestone Ext	ternal Tasks		nactive Milestone	Manual Task	♦ Ma	inual Summary	External Tasks	Deadline	Ŷ		
					Page 2						

Project: Pinellas County Quantum and Unity Upgrade	Task		Summary	••	External Milestone	•	Inactive Milestone		•		Start-only	
Date: Sat 5/14/22	Split Milestone	A	Project Summary External Tasks		Inactive Task Inactive Milestone	•	Inactive Summary Manual Task	······	Manual Summary Rollup Manual Summary	•	Finish-only External Tasks	
	Wilcatorie	•			mactive milestone			Page 2	Manual Summary	•		×

<u>Attachment 5</u> List of Subcontractors and Major Suppliers

Contract # 190-0132-NC (PLU)



ATTACHMENT #5 - List of Potential Subcontractors and Major Suppliers



GENERAL NOTES

1. Rocha Controls will be the sole source for the project. A Subcontractor will be required for pavement repair on LCPCHLOR and LCP-0111.

The protential firms are:

- ACPLM, Inc.

- Jown W Lord and Sons

- 2. There is one major supplier of SE hardware equipment:
- Advantage Industrial Automation

- Schneider Electric

Attachment 6 Allowances



Contract # 190-0132-NC (SS)

ATTACHMENT #6 - Contigencies and Allowances



GENERAL NOTES

- 1. Provided is an allowance for Wonderware SCADA modifications for each facility.
 - a. South Cross Bayou Water Reclamation Facility \$21,775
 - b. S.K. Kellar Water Treatment Facility \$8,775
 - c. Dunn Water Reclamation Facility \$11,675
 - d. Waste To Energy \$12,375
 - e. Synagro \$18,775
- 2. Provided is a 15% allowance for spare hardware equipment.
 - a. South Cross Bayou Water Reclamation Facility \$140,056
 - b. S.K. Kellar Water Treatment Facility \$29,197
 - c. Dunn Water Reclamation Facility \$45,293
 - d. Waste To Energy \$29,979
 - e. Synagro \$32,135
- 3. Unforseen/Unknown Conditions & Undefined Work \$50,000
- 4. Material Cost Escalation Contingency.
 - a. South Cross Bayou Water Reclamation Facility \$62,676
 - b. S.K. Kellar Water Treatment Facility \$6,121
 - c. Dunn Water Reclamation Facility \$15,538
 - d. Waste To Energy \$10,766
 - e. Synagro \$10,932