

RESOLUTION NO. 2024-77

**A RESOLUTION OF THE CITY OF DELTONA, FLORIDA;
AWARDING THE CITY'S WATER AND WASTEWATER
SCADA IMPROVEMENTS INSTRUMENTATION AND
CONTROLS PROJECT TO LA ROCHA CONTROLS
PURSUANT TO CITY OF TITUSVILLE RFP#22-P-043TB;
PROVIDING IMPLEMENTATION; AND PROVIDING FOR
AN EFFECTIVE DATE.**

WHEREAS, the City of Deltona owns and operates the Deltona Water and Wastewater Utilities ("Deltona Water"); and

WHEREAS, Deltona Water utilizes the Supervisory Control and Data Acquisition (SCADA) System to monitor critical infrastructure vital to the welfare, safety, and public health of the citizens of the City of Deltona; and

WHEREAS, the SCADA Improvements Project (the "Project") has been in planning and design for the past three (3) years; and

WHEREAS, the City has previously worked with La Rocha Controls ("La Rocha") on the SCADA Improvements Project during the design and planning phase; and

WHEREAS, La Rocha has the knowledge and skills to serve Deltona Water's needs on the Project; and

WHEREAS, La Rocha submitted a proposal to provide equipment and services for the Project at a price not to exceed \$2,958,215.00, which is attached hereto as "Exhibit A" (the "Proposal"); and

WHEREAS, the Purchasing Policies of the City of Deltona authorize "piggybacking" on other competitively bid government contracts; and

WHEREAS, the City of Titusville has entered into Agreement with La Rocha Controls pursuant to competitive solicitation RFP#22-P-043TB; and

WHEREAS, the City Commission desires to authorize the City Manager or his designee to utilize this piggyback agreement to award the Project to La Rocha Controls; and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF DELTONA, FLORIDA:

Section 1. Recitals Adopted. That each of the above recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. Purchase Approved. That the Proposal, in substantially the form which is attached hereto, is approved, and the City Manager or his designee is authorized to accept the Proposal, once approved by the City Attorney as to form and legal sufficiency.

Section 3. Implementation. That the City Manager is hereby authorized to take any action which is necessary to implement this Resolution.

Section 4. Effective Date. That this Resolution shall become effective immediately upon its adoption.

**PASSED AND ADOPTED BY THE CITY COMMISSION OF THE CITY OF
DELTONA, FLORIDA, THIS _____ DAY OF _____, 2024.**

BY: _____

Santiago Avila, Jr., MAYOR

ATTEST:

Joyce Raftery, CMC, MMC, CITY CLERK

Approved as to form and legality
for use and reliance of the City of
Deltona, Florida

TG Law, PLLC, CITY ATTORNEY

EXHIBIT A



Rocha Controls - Municipal and Industrial Control Systems

5025 Rio Vista Ave

Tampa, FL 33634

813-628-5584 ph

www.rochacontrols.com

August 1, 2024

Quotation – Base Bid Price \$2,958,215. No Sales Taxes are included.

Norman Anderson, PE*, GICSP
Principal EI&C Engineer / Vice President
Carollo Engineers

Re: Deltona Water – WTP SCADA Improvements
Process Instrumentation and Controls Complete
Per Plans and Specs Dated May 2024

Regards:

Rocha Controls (RC) is pleased to quote all equipment and services Complete as specified and as shown on the construction documents for the referenced project except as stated in the 'Exclusion' section below

Item No	Description	Qty	Unit	Total
1	Project Management	1	Lump Sum	\$75,000
2	HMI Development/Migration	1	LS	\$818,000
3	RTU Engineering	1	LS	\$225,000
4	Replace and install CompactLogix 1768-L30ER	9	LS	\$285,000
5	RTU Programming	1	LS	\$225,000
6	OITs w/ VTSCADA Runtime License	13	LS	\$275,000
7	Thin Client Provide and Install Complete w/ Power and Ethernet Comms	1	LS	\$14,215
8	Chemical System Conduit and conductor install	10	LS	\$145,000
9	SCADA Servers, OS Licenses, VMWare (Eastern Plant)	2	LS	\$19,500
10	VT SCADA Licenses, Reporting, Factory Training	28	LS	\$195,000
11	Fortinet Plant Firewalls and Switches	4	LS	\$210,000
12	Fortinet Network Maintenance and Service Contracts (3 years)	1	LS	\$92,500
13	PLC & Misc. Spare Parts	1	LS	\$35,000
14	Final Checkout and Startup	1	LS	\$125,000
15	Elec./Installation Labor	1	LS	\$210,000

Total: \$2,958,215

Scope

- Qty. 2 – SCADA Servers Complete w/ Server 2024 OS Licenses and VMWare (Eastern Plant)
- Qty. 3 – Firewalls (Alexander, Fisher & Eastern)
- Qty. 3 – Network Switches (Alexander & Eastern)
- Lot – VTScada Software (Outlined below)
- Qty. 9 – New RTUs Provided and Installed Complete (CompactLogix 1768-L30ER)
- Qty. 13 – OITs w/ VTSCADA Runtime License
- Qty. 1 – Thin Client Provide and Install Complete w/ Power and Ethernet Comms
- LOT – PLC Software & Hardware Spare Parts
- Qty. 9 Sites - Electrical Conduit and Wire to NaOCL and NH4 Systems as required.

Note: will make road and/or sidewalk cuts as required and replace fill materials. Surface replacement/repair not included.

Exceptions

1. CompactLogix L30ER used in all RTUs in lieu of the specified 5069-L330ER.
2. Fortinet switches will be used in in all places in lieu of Tempered Network switches.
3. Stratix 5200s will be used in lieu of Stratix 5700s

Excluded

1. All Hydralink Materials and Services. City to purchase directly.
2. Establishment of and Costs for Cellular Service Plan
3. Server OS licences, MS Client Licences, MS Office, VMWare, etc.
4. Replacement/Repair of Surface Concrete or Asphalt for road and sidewalk cuts

VTSCADA Licenses to be Provided

Alexander Plant

- 1 - VTScada 25K Dual Server Premium
- 2 - VTScada 25K - Development Runtime
- 2 - VTScada 25K - Alarm Notification
- 1 - VTScada 25K - Thin Client – Unlimited

Eastern Plant

- 1 - VTScada 25K Dual Server Redundant
- 1 - VTScada 25K - Development Runtime
- 1 - VTScada 25K – Runtime
- 1 - VTScada 25K - 3rd Party Data Sharing
- 2 - VTScada 25K - Alarm Notification
- 2 - VTScada 25K - Thin Client – Single

Fisher Plant

- 1 - VTScada 5K – Runtime

Plants 5,6,13,14,15 – 200 Tags

- VTScada 200 - Runtime - 10 Pack



Plants 1,7,8,11,12,16,17 - 1K Runtimes
VTScada 1K - Runtime

Note: All licenses come with
Bundle SupportPlus
24/7 Emergency Support
One Year Annual Support

Services

Our proposal includes all services for the supplied equipment including but not limited to the following: engineered shop drawings, software submittals, panel fabrication, programming, shop testing, installation, field testing, startup, training, O&Ms and warranty.

Schedule of Values

Detailed SOV to be provided upon NTP

1. Mobilization.	\$25,000
2. Control panel and control system upgrades at each plant	
a. WTP #1 (Provide new Enclosure)	\$
b. WTP #2 (Provide new Enclosure)	\$
c. WTP #5 (Provide new Enclosure)	\$
d. WTP #6 (Provide new 4X Enclosure)	\$
e. WTP #7	\$
f. WTP #8 (Provide new Enclosure)	\$
g. WTP #9	\$
h. WTP #10	\$
i. WTP #11	\$
j. WTP #12	\$
k. WTP #13	\$
l. WTP #14	\$
m. WTP #15	\$
n. WTP #16	\$
o. WTP #17	\$
3. VTScada system and Graphic screen development.	\$
4. Lift station RTUs.	Not Included
5. Network security.	\$
6. Software Systems.	\$
7. Commissioning.	\$
8. Demobilization.	\$
9. Warranty.	\$
10. Maintenance Agreement.	\$
<u>11. Bonds and Insurance</u>	<u>\$</u>
Total	\$



Terms

1. This quotation is valid for one hundred twenty (120) days from date listed.
2. Terms are Net 30 for regular payment requests. The payment requests will be based upon an approved schedule of values.

If you have any questions on the details of this quotation, please email rrocha@rochacontrols.com or call me on my cell phone at 813-267-3235

Sincerely,

A handwritten signature in black ink that reads "Raymond Rocha". The signature is written in a cursive, flowing style.

President