



Utilities Department
Plant Operations Division
Office: 941.240.8000
Fax: 941.240.8022



MEMORANDUM

TO: Purchasing

Thru: Rick Newkirk, Utilities Director

FROM: Chad Nosbisch, Plant Operations Manger

SUBJECT: Sole Source for Wastewater Treatment Plant SCADA Upgrades

DATE: March 13, 2020

Utilities currently utilizes Wonderware SCADA software at both the Myakkahatchee Creek Water Treatment Plant and the new Southwest Wastewater Reclamation Facility (SWWWRF). At the SWWWRF, Rocha Controls has been the sole integrator responsible for system design, integration of hardware and development of logic programming and control schematics for the Wonderware SCADA platform, creating a customized system which is unique to the facility.

In order to establish continuity with the SWWWRF system, Utilities has purchased Wonderware software to replace the outdated SCADA system currently being used at the Pan American Blvd Wastewater Treatment Plant. Because Rocha recently designed the SCADA system at SWWWRF and would be able to mirror this design at the Pan American facility, there is an opportunity for significant cost and time savings to the City versus using another vendor that would have to learn the structure of this unique system in order to recreate it and complete the installation without the design knowledge that Rocha possesses. In an effort to do due diligence, Utilities sent requests for informal estimates to three additional registered integrators for the Wonderware platform and the two responses received both came in higher than the quote received from Rocha Controls.

To take advantage of this opportunity for cost savings, establish continuity of the logic programming and the control schematics and eliminate the additional time that would be needed for another integrator to learn the unique programming structure and system processes developed by Rocha, it is in the best interest of the City that Rocha Controls be the sole integrator for the upgrade of the Pan American Blvd Wastewater Treatment Plant's SCADA software to Wonderware.

Nicole Brown

From: Robert Davies
Sent: Friday, February 28, 2020 10:51 AM
To: Nicole Brown
Subject: Fwd: Cost to provide and install hardware and software with integration.

Follow Up Flag: Follow up
Flag Status: Flagged

Sent from my iPhone

Begin forwarded message:

From: robert wilson <bobwilson@caldaiaccontrols.com>
Date: February 28, 2020 at 10:44:56 AM EST
To: Robert Davies <rdavies@cityofnorthport.com>
Subject: RE: Cost to provide and install hardware and software with integration.

Hello Mr. Davies,

After reviewing the material costs and development timeline we would be able to provide this for \$75k or less.

I wanted to see if you would be available on Monday afternoon for us to stop by for an introduction and to briefly discuss the future project?

Thank you,

Bob Wilson



Bobwilson@caldaiaccontrols.com

OFFICE 1-239-230-2820

CELL 1-239-203-4391

www.caldaiaccontrols.com



From: Robert Davies <rdavies@cityofnorthport.com>
Sent: Friday, February 14, 2020 2:53 PM
To: robert wilson <bobwilson@caldaiicontrols.com>
Subject: Cost to provide and install hardware and software with integration.

Hello,

Please provide an informal cost to provide and install the following:

Current System to be replaced is Dell PowerEdge server Windows Server 2008 32 Bit, Rockwell RSVIEW 32.

***City of North Port to supply all Insource Software/Wonderware SCADA Software

Hardware

Provide, install and configure one (1) stand alone Wonderware System Platform Server, one (1) Historian Server and two (2) clients as follows:

Main Server

1. Dell PowerEdge R440 Tower w/ Xeon Silver 4215 2.5G CPU 8C, 64GB RAM, PERC H730 w/ 2GB, RAID-0 Qty. 1 – 480GB SSD (For OS), Qty. 1 – 1.2TB 10K RPM SAS Hot-Plug HDs, Dual 550W Hot-Plug PSs, Windows Server 2016 Standard w/ 10 Device CALs, 10 User CALs and 5 – Remote Desktop CALs. Bezel.

Historian

2. Dell PowerEdge R440 Tower w/ Xeon Silver 4215 2.5G CPU 8C, 64GB RAM, PERC H730 w/2GB, Qty. 1 – 480GB SSD (For OS), RAID-10 Qty. 4 – 1.2TB 10K RPM SAS Hot-Plug HDs, Dual 550W Hot-Plug PSs, Windows Server 2016 Standard w/ 10 Device CALs, 10 User CALs. Bezel

Note: No monitors provided for servers. Existing KVM to be reused.

3. Qty. 1 - Dell Precision 3431 SFF Workstation w/ Xeon E-2224 4C 3.4GHZ CPU, 16GB RAM, 1TB 7200RPM SATA HD, DVD+/-RW, NVIDIA Quadro P400 2GB, Keyboard, Mouse, Windows 10 Pro 64-Bit, 32" Ultrasharp LED Monitor

4. Qty. 3 – Dell Wyse 3010-T10 Thin Client (or equivalent)

5. Qty. 3 – ELO Touch E177329 1790L Projected Capacitive 17" LCD LED Open-Frame Touch Display, VGA/Display Port Video I/F, 10 Touch, Zero-Bezel, WW-Version, Clear (or equivalent)

6. Qty. 2 – DIGI TransPort WR21 Cellular Modems

Software

Services

1. Install all windows updates, configure user security, networking, etc.

2. Install latest version of customer supplied System Platform and Historian with all current service packs.

3. Create a completely new Wonderware application for the WWTP with all graphics, database tags, trends and alarms as required for a complete operating system.

Thank you for your time.

Best Regards,

Robert Davies
Instrumentation & Controls Technician/Lucity Project Manager
City of North Port Utilities
6644 West Price Boulevard
North Port, FL 34291

Office: (941) 426-1888 ext. 6275
Cell: (941) 221-2745
Email: rdavies@cityofnorthport.com

A City where you can “Achieve Anything.”

"Progress and growth are impossible if you always do things the way you've always done things.

“I always look for ways to get things done and not for reasons why they can’t be.”



E-mail messages sent or received by City of North Port officials and employees in connection with official City business are public records subject to disclosure under the Florida Public Records Act.

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Nicole Brown

From: Chad Nosbisch
Sent: Tuesday, February 18, 2020 7:10 AM
To: Nicole Brown
Subject: quote from ITG Technologies for Wonderware Installation

Follow Up Flag: Follow up
Flag Status: Flagged

We estimated a total \$138K including hardware and services but not including Wonderware software licenses with the assumption you guys will be taking care of that.

Hardware \$39K
Services \$98K

Deliverables:

- HW Demobilization setup & config
- WW system platform install and config
- WW Historian install config
- Workstation config
- Wyse term config
- Digi Modem Config
- Test at ITG Site FAT
- On Site commissioning SAT
- Project Management

I'll drop a note the week of the 24th to confirm receipt and just get a pulse from you if this meets your scope and if happen this year or not.

Thanks,

AJ
<https://www.itgtec.com/>

Email String in Blue

Hi Chad,

Here is the email string I have with this company. They are a registered Wonderware Integrator.

<https://www.itgtec.com/>

From: AJ Alexander <aja@itgtec.com>
Sent: Sunday, February 16, 2020 9:33 AM

To: Robert Davies <rdavies@cityofnorthport.com>
Subject: Re: how do you handle this leads that come in?

Hell9 Robert....here is a swag for you to get a thumbs up or down this year.

We estimated a total \$138K including hardware and services but not including Wonderware software licenses with the assumption you guys will be taking care of that.

Hardware \$39K
Services \$98K

Deliverables:

- HW Demobilization setup & config
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- Project Management

I'll drop a note the week of the 24th to confirm receipt and just get a pulse from you if this meets your scope and if happen this year or not.

Thanks,

AJ

Email sent from mobile.

From: Robert Davies <rdavies@cityofnorthport.com>
Sent: Friday, February 14, 2020, 3:15 PM
To: AJ Alexander
Subject: RE: how do you handle this leads that come in?

Don't spend a lot of time on it as this is more for budget than anything,. Around \$70,000 budgeted now.
Tag count around 2,500 +-
15 or so screens. Control pop ups and the like.

Thanks,

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From: AJ Alexander <aja@itgtec.com>
Sent: Friday, February 14, 2020 2:59 PM
To: Robert Davies <rdavies@cityofnorthport.com>
Subject: how do you handle this leads that come in?

Trying to get an understanding of how much time should be put in to prps development.....

See highlighted below....

Thanks,

AJ

From: Robert Davies <rdavies@cityofnorthport.com>
Sent: Friday, February 14, 2020 2:51 PM
To: AJ Alexander <aja@itgtec.com>
Subject: RE: Cost to provide and install hardware and software with integration.

Sometime next week if at all possible.

Thanks,

Robert Davies
Instrumentation & Controls Technician/Lucity Project Manager
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From: AJ Alexander <aja@itgtec.com>
Sent: Friday, February 14, 2020 2:49 PM
To: Robert Davies <rdavies@cityofnorthport.com>
Subject: RE: Cost to provide and install hardware and software with integration.

Okay, what is the latest date for submission you need a swag on this?

Thanks,

AJ

From: Robert Davies <rdavies@cityofnorthport.com>
Sent: Friday, February 14, 2020 2:48 PM
To: AJ Alexander <aja@itgtec.com>
Subject: RE: Cost to provide and install hardware and software with integration.

Hello AJ,

This is not a formal quote. We are looking for some numbers to see if we can possibly do it this year or have to budget for next year. A guesstimate is fine for now. We need to get some numbers fairly quickly as the new budget is being developed now.

Thanks,

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From: AJ Alexander <aja@itgtec.com>
Sent: Friday, February 14, 2020 2:42 PM
To: Robert Davies <rdavies@cityofnorthport.com>
Subject: RE: Cost to provide and install hardware and software with integration.
Importance: High

When do you need this by? Will a submitted quote be put up against other submissions? What is the overall project timeline/monies allocated for this scope?

Thanks,

AJ

From: Robert Davies <rdavies@cityofnorthport.com>
Sent: Friday, February 14, 2020 2:40 PM
To: Sales <Sales@itgtec.com>
Subject: Cost to provide and install hardware and software with integration.

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Historian

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