

RESOLUTION NO. 2017 - 397

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO AWARD RFQ NO. 17-79 AND TO EXECUTE AGREEMENTS FOR SCADA SYSTEM SERVICES.

RECITALS

WHEREAS, the County desires to enter into contracts with CDM Smith Inc., Curry Controls Company, Infamation Technologies Group LLC, Revere Control Systems Inc., and Star Controls Inc. to provide Supervisory Control and Data Acquisition (SCADA) System (also referred to as Telemetry) Services in accordance with RFQ No. 17-79; and

WHEREAS, the scope of the services will be to provide any and all materials, labor, and equipment necessary for SCADA System Services in accordance with RFQ No. 17-79; and

WHEREAS, through the County's formal RFQ process, CDM Smith Inc., Curry Controls Company, Infamation Technologies Group LLC, Revere Control Systems Inc., and Star Controls Inc. were selected as qualified respondents to enter into contract with the County to perform the work referenced above; and

WHEREAS, the County has reviewed the terms, provisions, conditions and requirements of the proposed contract (attached hereto, an incorporated herein) and finds that entering into contracts to complete the work services serves a public purpose.

WHEREAS, the contract will be finalized after negotiations but will be in substantial conformance with the attached draft contract.

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, as follows:

Section 1. The above Recitals are incorporated by reference into the body of this Resolution and such Recitals are adopted as finds of fact.

Section 2. The County Administrator, or designee, is hereby authorized to award RFQ 17-79 to CDM Smith Inc., Curry Controls Company, Infamation Technologies Group LLC, Revere Control Systems Inc., and Star Controls Inc. and to conduct negotiations to provide the services set forth therein.

Section 3. Upon successful negotiations, the County Administrator, or designee, is further authorized to execute agreements in substantially the same form and format as the attached draft on behalf of the County to provide the scope of services as specifically provided in RFQ 17-79.

Section 4. To the extent that there are typographical and/or administrative errors that do not change the tone, tenor, or concept of this Resolution, then this Resolution may be revised without subsequent approval by the Board of County Commissioners.

PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, Florida, this 5th day of December, 2017.

**BOARD OF COUNTY COMMISSIONERS OF
ST. JOHNS COUNTY, FLORIDA**

By: Henry Dean
Henry Dean, Chair

ATTEST: Hunter S. Conrad, Clerk

By: Pam Halterman
Deputy Clerk

RENDITION DATE 12/6/17



CONTRACT AGREEMENT
RFQ NO: 17-79; SCADA System Services
Master Contract #: _____

This Contract Agreement (Agreement) is made as of this _____ day of _____, 20____, between **St. Johns County, FL** ("County"), a political subdivision of the state of Florida, whose principal offices are located at 500 San Sebastian View, St. Augustine, FL 32084, and _____ ("Consultant"), authorized to do business in the state of Florida, with mailing address: _____; Phone: _____; Email: _____.

In consideration of the mutual promises contained herein, the County and the Consultant agree as follows:

ARTICLE 1 – DURATION AND RENEWAL

This Agreement shall become effective upon the date of execution by all parties, shall be in effect for an initial contract term of _____ (_____) calendar years, and may be renewed for up to _____ (_____) _____ year renewal period. This Agreement may be renewed, upon satisfactory performance by the Consultant, mutual agreement by both parties, and the availability of funds. While this Agreement may be renewed as stated in this Article, it is expressly noted that the County is under no obligation to renew this Agreement. It is further expressly understood that the option of renewal is exercisable only by the County, and only upon the County's determination that the Consultant satisfactorily performed the Services specified in the Contract Documents.

ARTICLE 2 - ENUMERATION OF CONTRACT DOCUMENTS

The term "Contract Documents" includes the following:

- This Agreement, including any amendment executed as provided in Article 29;
- St. Johns County Request for Qualifications No. 17-79 and all issued Addenda (Exhibit A);
- Consultant's Rate Sheet (Exhibit B);
- Any task order, or any amendment of a task order, issued as provided in Article 4 of this Agreement; and
- Any Certificate of Insurance required pursuant to Article 12 of this Agreement.

Any document not identified above is not a Contract Document and does not form part of this Agreement. In interpreting the Contract and resolving any inconsistencies or ambiguities, the main body of this Agreement takes precedence over any of the Exhibits provided above.

ARTICLE 3 - SERVICES

The Consultant's responsibility under this Agreement is to provide all labor, materials, and equipment necessary to perform the Scope of Work set forth in Part III of St. Johns County Request for Qualifications No: 17-79.

Services provided by the Consultant shall be under the general direction of the St. Johns County Department requesting services, or the St. Johns County Purchasing Department, who shall act as the County's representative during the performance of services under this Agreement.

The Consultant shall provide and perform all services pursuant to this Agreement in accordance with generally accepted standards of professional practice and in accordance with applicable federal, state, and local laws and regulations.

The Consultant shall be responsible for the professional quality, technical adequacy and accuracy, timely completion, and the coordination of all data, studies, reports, memoranda, other documents and other services, work, and materials performed, provided, or furnished by the Consultant. The Consultant shall, without additional compensation, correct or revise any errors, omissions, or other deficiencies in such data, studies, and other services, work, and materials resulting from the negligent acts, errors, omissions, or intentional misconduct of the Consultant.

Review, approval, or acceptance by the County of data, studies, reports, memoranda, and incidental professional services, work, and materials furnished by the Consultant under this Agreement shall not relieve the Consultant of responsibility for the adequacy, completeness, and accuracy of its services, work, and materials. Neither the County's review, approval, or

acceptance of, nor payment for, any part of the Consultant's services, work, and materials shall be construed to operate as a waiver of any of the County's rights under this Agreement, or any cause of action it may have arising out of the performance of this Agreement.

ARTICLE 4 – TASK ORDERS

The Consultant shall not perform any services under this Agreement until a task order for such services has been executed by the Consultant's authorized representative and the County Administrator, or his authorized designee, in accordance with County Purchasing Policy. All task orders under this Agreement shall be issued on a form provided by the County. The task order shall set forth a description and summary of the services to be performed, the total compensation for satisfactory completion of the work to be performed, and the estimated time for completion of the services. Any amendment to an executed task order shall be in writing and shall be executed by the County Administrator or his authorized designee.

ARTICLE 5 – COMPENSATION/BILLING/INVOICES

- A. Compensation for services under this Agreement is contingent upon the execution of a task order as provided in Article 4 prior to the provision of the services by the Consultant.
- B. Compensation for each Task Order shall be based on the method of payment as stated in each Task Order. The Consultant shall submit a cost proposal and scope for each project, in the format, as requested by the County. Compensation for all task orders issued under this Agreement shall either be on a lump sum basis or a not-to-exceed amount accompanied by a project estimate based on the hourly rates provided in Exhibit B. No modification, amendment, or alteration to Exhibit B shall be effective unless provided through an amendment to this Agreement as provided below in Article 29.
- C. It is expressly understood that Consultant is not entitled to the amount of compensation set forth in any given task order. Rather, Consultant's compensation is based upon Consultant's satisfactory completion and delivery of all work product and deliverables noted in each task order.
- D. The Consultant shall bill the County for services satisfactorily performed as provided in each task order. Payment by the County shall be made in compliance with the provisions of the Local Government Prompt Payment Act (Section 218.70, Florida Statutes, et seq.).
- E. Though there is no billing form or format pre-approved by either the County, or the Consultant, invoices submitted by the Consultant shall include a detailed written report of the services accomplished in connection with the Scope of Work. The County may return an invoice from the Consultant, and request additional documentation or information. Under such circumstances, the timeframe for payment will be extended by the time necessary to receive a verified bill/invoice.

ARTICLE 6 – TERMINATION

- A. This Agreement may be terminated by the County without cause upon at least thirty (30) calendar days advance written notice to the Consultant of such termination without cause.
- B. This Agreement may be terminated by the County with cause upon at least _____ (_____) calendar days advanced written notice of such termination with cause. Such written notice shall indicate the exact cause for termination.

ARTICLE 7 – NOTICE OF DEFAULT/RIGHT TO CURE

- A. Should the Consultant fail to perform (default) under the terms of this Agreement, then the County shall provide written notice to the Consultant, which such notice shall include a timeframe of no fewer than _____ (_____) calendar days in which to cure the default. Failure to cure the default within the timeframe provided in the notice of default (or any such amount of time as mutually agreed to by the parties in writing), shall constitute cause for termination of this Agreement.
- B. It is expressly noted that, should the County issue more than one notice of default to the Consultant within any six consecutive months during the term of this Agreement, such action shall constitute cause for termination of this Agreement.

- C. Consistent with other provisions in this Agreement, Consultant shall be paid for services authorized and satisfactorily performed under this Agreement up to the effective date of termination.
- D. Upon receipt of a notice of termination, except as otherwise directed by the County in writing, the Consultant shall:
 - 1. Stop work on the date to the extent specified.
 - 2. Terminate and settle all orders and subcontracts relating to the performance of the terminated work.
 - 3. Transfer all work in process, completed work, and other material related to the terminated work to the County.
 - 4. Continue and complete all parts of the work that have not been terminated.

ARTICLE 8 – PERSONNEL

The Consultant represents that it has, or shall secure at its own expense, all necessary personnel required to perform the services as noted in the Contract Documents. It is expressly understood that such personnel shall not be employees of, or have any contractual relationship with, the County.

All of the services required hereunder shall be performed by the Consultant, or under its supervision. All personnel engaged in performing the services shall be fully qualified and, if required, authorized or permitted under federal, state and local law to perform such services.

Any changes or substitutions in the Consultant's key personnel must be made known to the County's representative and written approval granted by the County before said change or substitution can become effective.

The Consultant warrants that all services shall be performed by skilled and competent personnel to the highest professional standards in the field.

The Consultant shall provide the designated Key Personnel to perform work under this Agreement, as follows:

Name:	Title:	Phone #:	Email:

ARTICLE 9 – SUBCONTRACTING

The County reserves the right to approve the use of any subcontractor, or to reject the selection of a particular subcontractor, and to inspect all facilities of any subcontractors in order to make a determination as to the capability of the subcontractor to perform the work described in the Contract Documents. The Consultant is encouraged to seek minority and women business enterprises for participation in subcontracting opportunities.

If a subcontractor fails to satisfactorily perform in accordance with the Contract Documents, and it is necessary to replace the subcontractor to complete the work in a timely fashion, the Consultant shall promptly do so, subject to approval by the County.

The County reserves the right to disqualify any subcontractor, vendor, or material supplier based upon prior unsatisfactory performance.

ARTICLE 10 – FEDERAL AND STATE TAX

In accordance with Local, State, and Federal law, the County is exempt from the payment of Sales and Use Taxes. The County shall execute a tax exemption certificate submitted by the Consultant. The Consultant shall not be exempt from the payment of all applicable taxes in its performance under this Agreement. It is expressly understood by the County and by the Consultant that the Consultant shall not be authorized to use the County's Tax Exemption status in any manner.

The Consultant shall be solely responsible for the payment and accounting of any and all applicable taxes and/or withholdings including but not limited to Social Security payroll taxes (FICA), associated with or stemming from Consultant performance under this Agreement.

ARTICLE 11 – AVAILABILITY OF FUNDS

The County's obligations under this Agreement are subject to the availability of lawfully appropriated County funds. While the County will make all reasonable efforts, in order to provide funds needed to perform under this Agreement, the

County makes no express commitment to provide such funds in any given County Fiscal Year. Moreover, it is expressly noted that the Consultant cannot demand that the County provide any such funds in any given County Fiscal Year.

ARTICLE 12 - INSURANCE

The Consultant shall not commence work under this Agreement until it has obtained all insurance required under this section and such insurance has been approved by the County. All insurance policies shall be issued by companies authorized to do business under the laws of the state of Florida. The Consultant shall furnish proof of insurance to the County prior to the commencement of operations. The Certificate(s) shall clearly indicate the Consultant has obtained insurance of the type, amount, and classification as required by contract and that no material change or cancellation of the insurance shall be effective without thirty (30) days prior written notice to the County. Certificates shall specifically include the County as Additional Insured for all lines of coverage except Workers' Compensation and Professional Liability. A copy of the endorsement must accompany the certificate. Compliance with the foregoing requirements shall not relieve the Consultant of its liability and obligations under this Agreement.

Certificate Holder Address: St. Johns County, a political subdivision of the State of Florida
500 San Sebastian View
St. Augustine, FL 32084

The Consultant shall maintain during the life of this Agreement, Comprehensive General Liability Insurance with minimum limits of \$1,000,000 per occurrence, \$2,000,000 aggregate, to protect the Consultant from claims for damages for bodily injury, including wrongful death, as well as from claims of property damages which may arise from any operations under this contract, whether such operations be by the Consultant or by anyone directly employed by or contracting with the Consultant.

The Consultant shall maintain Umbrella or Excess Liability Insurance covering workers compensation, commercial general liability and business auto liability with minimum limits of liability of \$1,000,000.

The Consultant shall maintain during the life of the Agreement, Professional Liability or Errors and Omissions Insurance with minimum limits of \$1,000,000, if applicable.

The Consultant shall maintain during the life of this Agreement, Comprehensive Automobile Liability Insurance with minimum limits of \$2,000,000 combined single limit for bodily injury and property damage liability to protect the Consultant from claims for damages for bodily injury, including the ownership, use, or maintenance of owned and non-owned automobiles, including rented/hired automobiles whether such operations be by the Consultant or by anyone directly or indirectly employed by a Consultant.

The Consultant shall maintain during the life of this Agreement, adequate Workers' Compensation Insurance in at least such amounts as required by the law for all of its employees.

In the event of unusual circumstances, the County Administrator, or his designee, may adjust these insurance requirements.

ARTICLE 13 - INDEMNIFICATION

The Consultant shall indemnify and hold harmless the County and its officers and employees from claims, liabilities, damages, losses, and costs, including court costs, expert witness and professional consultation services, and attorneys' fees, arising out of the Consultant's errors, omissions, or negligence. The Consultant shall not be liable to, nor be required to indemnify the County for, any portions of damages arising out of any error, omission, or negligence of the County or its officers and employees.

ARTICLE 14 - SUCCESSORS AND ASSIGNS

The County and the Consultant each binds itself and its partners, successors, executors, administrators and assigns to the other party of this Agreement and to the partners, successors, executors, administrators and assigns of such other party, in respect to all covenants of this Agreement. Except as above, neither the County nor the Consultant shall assign, sublet, convey or transfer its interest in this Agreement without the written consent of the other. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of the County, which may be a party hereto, nor shall it be construed as giving any rights or benefits hereunder to anyone other than the County and the Consultant.

ARTICLE 15 - REMEDIES

No remedy herein conferred upon any party is intended to be exclusive, or any other remedy, and each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing at law or in equity or by statute or otherwise. No single or partial exercise by any party of any right, power, or remedy hereunder shall preclude any other or further exercise thereof.

In any action brought by either party for the enforcement of the obligations of the other party, the prevailing party shall be entitled to recover reasonable attorney's fees.

ARTICLE 16 - CONFLICT OF INTEREST

The Consultant represents that it presently has no interest and shall acquire no interest, either directly or indirectly, which would conflict in any manner with the performance of services required hereunder. The Consultant further represents that no person having any interest shall be employed for said performance.

The Consultant shall promptly notify the County in writing by certified mail of all potential conflicts of interest for any prospective business association, interest or other circumstance, which may influence or appear to influence the Consultant's judgment or quality of services being provided hereunder. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that the Consultant may undertake and request an opinion of the County, whether such association, interest, or circumstance constitutes a conflict of interest if entered into by the Consultant.

The County agrees to notify the Consultant of its opinion by certified mail within 30 days of receipt of notification by the Consultant. If, in the opinion of the County, the prospective business association, interest or circumstance would not constitute a conflict of interest by the Consultant, the County shall so state in the notification and the Consultant shall, at his/her option enter into said association, interest or circumstance and it shall be deemed not in conflict of interest with respect to services provided to the County by the Consultant under the terms of this Agreement.

ARTICLE 17 – NO THIRD PARTY BENEFICIARIES

Both the County and the Consultant explicitly agree, and this Agreement explicitly states that no third party beneficiary status or interest is conferred to, or inferred to, any other person or entity.

ARTICLE 18 - EXCUSABLE DELAYS

Neither party shall be held to be in non-compliance with this agreement, or suffer any enforcement or penalty relating to this agreement, where such non-compliance occurs as the result of a force majeure event. For the purposes of this section, a force majeure event is defined as an event beyond the control and without the fault or negligence of the affected party which could not have been prevented through the exercise of reasonable diligence, including natural disaster (including hurricane, flood, or other acts of nature), strike, riot, war, terrorism or threat of terrorism, or other event that is reasonably beyond either party's ability to anticipate or control. When there is an event of force majeure, the affected party shall immediately notify the other party in writing giving the full particulars of the event of force majeure. The affected party must use reasonable efforts to mitigate the effect of the event of force majeure upon its performance under this agreement. Upon completion of the event of force majeure, the affected party shall resume its performance under this agreement as soon as reasonably practicable. If, due to an event of force majeure, the Consultant is unable to complete the scope of services within the term of this agreement, the term of this agreement may be extended for an amount of time not to exceed the length of the event of force majeure.

ARTICLE 19 - ARREARS

The Consultant shall not pledge the County's credit, or make it a guarantor of payment, or surety for any contract, debt, obligation, judgment, lien, or any form of indebtedness. The Consultant further warrants and represents that it has no obligation or indebtedness that would impair its ability to fulfill the terms of this Agreement.

ARTICLE 20 - DISCLOSURE AND OWNERSHIP OF DOCUMENTS

Before being eligible for final payment of any amounts due, the Consultant shall deliver to the County all documents and materials prepared by and for the County under this Agreement.

Consultant shall keep all information not in the public domain or not previously known, and all information and data

obtained, developed, or supplied by the County, or at its expense, confidential. Such information shall not be disclosed to any other party, directly or indirectly, without the County's prior written consent, unless required by a lawful order. All drawings, maps, sketches, and other data developed, or purchased under this Agreement, or at the County's expense, shall be and remains the County's property and may be reproduced and reused at the discretion of the County.

The County and the Consultant shall comply with the provisions of Chapter 119, Florida Statutes (Public Records Law).

All covenants, agreements, representations and warranties made herein, or otherwise made in writing by any party pursuant hereto, including but not limited to, any representations made herein relating to disclosure or ownership of documents, shall survive the execution and delivery of this Agreement and the consummation of the transactions contemplated hereby.

ARTICLE 21 - INDEPENDENT CONSULTANT RELATIONSHIP

With respect to the Consultant's performance of all work services and activities under this Agreement, the Consultant shall be an independent consultant, and not an employee, agent, or servant of the County. All persons engaged in any of the work or services performed pursuant to this Agreement shall at all times and in all places be subject to the Consultant's sole direction, supervision, and control.

The Consultant shall exercise control over the means and manner in which it and its employees perform the work, and in all respects the Consultant's relationship and the relationship of its employees to the County shall be that of an independent contractor and not as employees or agents of the County. The Consultant does not have the power or authority to bind the County in any promise, agreement or representation other than specifically provided for in this agreement.

ARTICLE 22 - CONTINGENT FEES

The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant to solicit or secure this Agreement and that it has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift, or any other consideration contingent upon or resulting from the award or making of this Agreement.

ARTICLE 23 - ACCESS AND AUDITS

The Consultant shall maintain adequate records to justify all charges, expenses, and costs incurred in performing the work for at least three years after completion of this Agreement. The County shall have access to such books, records, and documents as required in this section for the purpose of inspection or audit during normal business hours, at the County's cost, upon five days written notice.

ARTICLE 24 - NONDISCRIMINATION

The Consultant warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, physical handicap, sex, age or national origin.

ARTICLE 25 - ENTIRETY OF CONTRACTUAL AGREEMENT

The County and the Consultant agree that this Agreement, signed by both parties sets forth the entire agreement between the parties, and that there are no promises or understandings other than those stated herein, or are incorporated by reference into this Agreement. None of the provisions, terms, conditions, requirements, or responsibilities noted in this Agreement may be amended, revised, deleted, altered, or otherwise changed, modified, or superseded, except by written instrument, duly executed by authorized representatives of both the County, and the Consultant.

ARTICLE 26 - ENFORCEMENT COSTS

If any legal action or other proceeding is brought for the enforcement of this Agreement, or because of an alleged dispute, breach, default or misrepresentation in connection with any provisions of this Agreement, the successful or prevailing party or parties shall be entitled to recover reasonable attorney's fees, court costs and all reasonable expenses even if not taxable as court costs (including, without limitation, all such reasonable fees, costs and expenses incident to appeals), incurred in that action or proceedings, in addition to any other relief to which such party or parties may be entitled.

ARTICLE 27 - AUTHORITY TO PRACTICE

The Consultant hereby represents and warrants that it has and shall continue to maintain all licenses and approvals required to conduct its business and that it shall conduct its business activities in a reputable manner at all times.

ARTICLE 28 - SEVERABILITY

If any term or provision of this Agreement, or the application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable, the remainder of this Agreement, or the application of such items or provision, to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected and every other term and provision of this Agreement shall be deemed valid and enforceable to the extent permitted by law.

ARTICLE 29 - AMENDMENTS AND MODIFICATIONS

No amendments or modifications of this Agreement shall be valid unless in writing and signed by each of the parties.

The County reserves the right to make changes in the work, including alterations, reductions therein or additions thereto. Upon receipt by the Consultant of the County's notification of a contemplated change, the Consultant shall: (1) if requested by the County, provide an estimate for the increase or decrease in cost due to the contemplated change; (2) notify the County of any estimated change in the completion date; and (3) advise the County in writing if the contemplated change shall effect the Consultant's ability to meet the completion dates or schedules of this Agreement. If the County instructs in writing, the Consultant shall suspend work on that portion of the project, pending the County's decision to proceed with the change. If the County elects to make the change, the County shall issue an amended task order as provided in Article 4. The Consultant shall not commence work on any such change until such amended task order has been issued and signed by each of the parties.

ARTICLE 30 - FLORIDA LAW & VENUE

This Agreement shall be governed by the laws of the State of Florida. Any and all legal action necessary to enforce the Agreement shall be held in St. Johns County, Florida.

ARTICLE 31 - ARBITRATION

The County shall not be obligated to arbitrate or permit any arbitration binding on the County under any of the Contract Documents or in connection with the project in any manner whatsoever.

ARTICLE 32 - NOTICES

All notices required in this Agreement shall be sent by certified mail, return receipt requested, and if sent to the County shall be mailed to:

St. Johns County Purchasing Department
Attn: Mr. Joseph Giammanco, Purchasing Manager
500 San Sebastian View
St. Augustine, FL 32084

and if sent to the Consultant shall be mailed to:

Vendor
Attn: Mr.
Address
City, State Zip

ARTICLE 33 - HEADINGS

The heading preceding the articles and sections herein are solely for convenience of reference and shall not constitute a part of this Agreement, or affect its meaning, construction or effect.

ARTICLE 34 - PUBLIC RECORDS

A. The cost of reproduction, access to, disclosure, non-disclosure, or exemption of records, data, documents, and/or materials, associated with this Agreement shall be subject to the applicable provisions of the Florida Public Records Law (Chapter 119, Florida Statutes), and other applicable State and Federal provisions. Access to such public

records, may not be blocked, thwarted, and/or hindered by placing the public records in the possession of a third party, or an unaffiliated party.

- B. In accordance with Florida law, to the extent that Consultant's performance under this Contract constitutes an act on behalf of the County, Consultant shall comply with all requirements of Florida's public records law. Specifically, if Consultant is expressly authorized, and acts on behalf of the County under this Agreement, Consultant shall:
- (1) Keep and maintain public records that ordinarily and necessarily would be required by the County in order to perform the Services;
 - (2) Upon request from the County's custodian of public records, provide the County with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost as provided in Chapter 119, Florida Statutes, or as otherwise provided by law;
 - (3) Ensure that public records related to this Agreement that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by applicable law for the duration of this Agreement and following completion of this Agreement if the Consultant does not transfer the records to the County; and
 - (4) Upon completion of this Agreement, transfer, at no cost, to the County all public records in possession of the Consultant or keep and maintain public records required by the County to perform the Services.
- C. If the Consultant transfers all public records to the County upon completion of this Agreement, the Consultant shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Consultant keeps and maintains public records upon completion of this Agreement, the Consultant shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the County, upon request from the County's custodian of public records, in a format that is compatible with the County's information technology systems.
- D. Failure by the Consultant to comply with the requirements of this section shall be grounds for immediate, unilateral termination of this Agreement by the County.

IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO ITS DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT: OCA, ATTN: Public Records Manager, 500 San Sebastian View, St. Augustine, FL 32084, PH: (904) 209-0805, EMAIL: publicrecords@sjcfl.us.

ARTICLE 35 – REVIEW OF RECORDS

As a condition of entering into the Agreement, and to ensure compliance, especially as it relates to any applicable law, rule, or regulation, the Consultant authorizes the County, the FEMA Administrator, the Comptroller General of the United States, or any of their authorized representatives to examine, review, inspect, and/or audit the books and records, in order to determine whether compliance has been achieved with respect to the terms, conditions, provisions, rights, and responsibilities noted in the Agreement. The Consultant agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed. The Consultant agrees to provide the FEMA Administrator or his authorized representatives access to construction or other work sites pertaining to the work being completed under the contract. It is specifically noted that Consultant is under no duty to provide access to documentation not related to the Agreement, and/or otherwise protected by County, State, or Federal law.

ARTICLE 36 – USE OF COUNTY LOGO

Pursuant to, and consistent with, County Ordinance 92-2 and County Administrative Policy 101.3, the Consultant may not manufacture, use, display, or otherwise use any facsimile or reproduction of the County Seal/Logo without express written approval of the Board of County Commissioners of St. Johns County, Florida.

ARTICLE 37 – SURVIVAL

It is explicitly noted that the following provisions of this Agreement, to the extent necessary, shall survive any suspension, termination, cancellation, revocation, and/or non-renewal of this Agreement, and therefore shall be both applicable and enforceable beyond any suspension, termination, cancellation, revocation, and/or non-renewal: (1) Federal and State Taxes; (2) Insurance; (3) Indemnification; (4) Access and Audits; (5) Enforcement Costs; and (6) Access to Records.

ARTICLE 38 – INCORPORATION OF FEMA REQUIRED CONTRACT CLAUSES

The Consultant’s performance under this Agreement shall be subject to the FEMA Required Contract Clauses attached as Exhibit C hereto, the contents of which are incorporated herein.

IN WITNESS WHEREOF, authorized representatives of the County, and Consultant have executed this Agreement on the day and year below noted.

ST. JOHNS COUNTY, FL:

Printed Name of County Representative

Signature County Representative

Title of County Representative

Date of Execution

ATTEST:
ST. JOHNS COUNTY, FL
CLERK OF COURT

Deputy Clerk

Date

LEGALLY SUFFICIENT:

Deputy County Attorney

Date of Execution

CONSULTANT:

Vendor
Company Name

Signature of Consultant Representative

Printed Name & Title

Date of Execution

RFQ NO: 17-79 SCADA SYSTEM SERVICES
EXHIBIT "A"

Request for Proposals & Issued Addenda
(separate attachment)

RFQ NO: 17-79 SCADA SYSTEM SERVICES
EXHIBIT "B"
Consultant's Rate Sheet

The rates provided herein shall be the basis for all compensation under this Agreement. The Consultant may request increases to these rates on an annual basis, in accordance with the most current Consumer Price Index (CPI) percentage. Requests for changes to the pricing must be submitted to the Purchasing Manager no later than sixty (60) days prior to the anniversary date of the Agreement for review. If approved, changes to the rates shall be authorized through a Contract Amendment, and signed by both parties.



St. Johns County Board of County Commissioners

Purchasing Division

NOTICE OF INTENT TO AWARD

November 3, 2017

RE: RFQ 17-79 Request for Qualifications for SCADA System Services

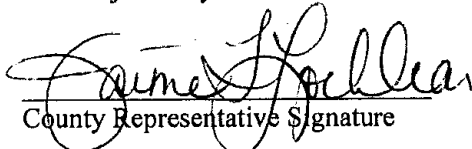
Please be advised that the Purchasing Department of St. Johns County is issuing this notice of its Intent to Award contracts, after successful negotiations, to CDM Smith Inc.; Curry Controls Company; Infamation Technologies Group, LLC; Revere Control Systems, Inc.; and Star Controls, Inc. as the qualified firms selected under RFQ 17-79 Request for Qualifications for SCADA System Services. This notice will remain posted on the **St. Johns County Purchasing Department bulletin board** until 5:00PM, Wednesday, November 8, 2017.

Any person (including any bidder or proposer) who is, or claims to be, adversely affected by the County's decision or proposed decision shall file a written Notice of Protest with the Purchasing Department of St. Johns County within 72 hours after the posting of the notice of decision or proposed decision. Failure to file a Notice of Protest within the time prescribed in Section 304.10 of the St. Johns County Purchasing Manual (the Bid Protest Procedure), or failure to post the bond or other security required by the County within the time allowed for filing a bond, shall constitute a waiver of proceedings and a waiver of the right to protest. The protest procedures may be obtained from the Purchasing Department and are included in the County's Purchasing Manual. All of the terms and conditions of the County Purchasing Manual are incorporated herein by reference and are fully binding.

Should the Purchasing Department receive no protests in response to this notice, an agenda item will be submitted to the St. Johns County Board of County Commissioners for their consideration and subsequent approval to award contracts.

Please forward all correspondence, requests or inquiries directly to my attention at the information provided below.

Sincerely,
St. Johns County
Board of County Commissioners


County Representative Signature

Date: 3 NOV 17

Jaime T. Locklear, MPA, CPPB, FCCM
Assistant Purchasing Manager
(904) 209-0158 – Direct
(904) 209-0159 – Fax
jlocklear@sjcfl.us



ST. JOHNS COUNTY PURCHASING DEPARTMENT

500 San Sebastian View
St. Augustine, Florida 32084

I N T E R O F F I C E M E M O R A N D U M

TO: James Galley, Senior, Administration Analyst, SJC Utility Department
FROM: Diana M. Fye, CPPB, Procurement Coordinator
SUBJECT: RFQ 17-79 Request for Qualifications for SCADA System Services
DATE: October 26, 2017

Attached please find a copy of the RFQ Evaluation Summary Sheet for your file as recorded and verified at the Evaluation Committee Meeting.

Please review, evaluate and make a written recommendation for this project. Also, indicate the budgeted amount for this item along with the appropriate charge code and return to my attention as soon as possible.

Please let me know if I can assist your department in any other way.

Dept. Approval C2 Kent
Date 11/1/17
Budget Amount As Needed
Account Funding Title Utility SCADA Department
Funding Charge Code 4-190/4475
Award to See RFQ 17-79 (A11)
Award Amount As Needed

EVALUATION SUMMARY SHEET

ST. JOHNS COUNTY, FLORIDA

Date: October 26, 2017
RFP: RFQ # 17-79 Request for Qualifications
for SCADA System Services

	RATER	RATER	RATER		
FIOMA	Rick Nelson	Teri Pinson	Lee Mathis	TOTAL	RANK
Cloud Smith Inc.	94	100	100	294	1
Curry Controls Company	82	98	100	280	4
Infimation Technologies Group, LLC	88	94	100	282	3
Revere Control Systems, Inc.	92	94	99	285	2
Star Controls, Inc.	88	94	98	280	4

APPROVED: Purchasing Manager

Utility Department SCADA Manager

Joseph Giammarino
Richard T. Nelson

NOTE:

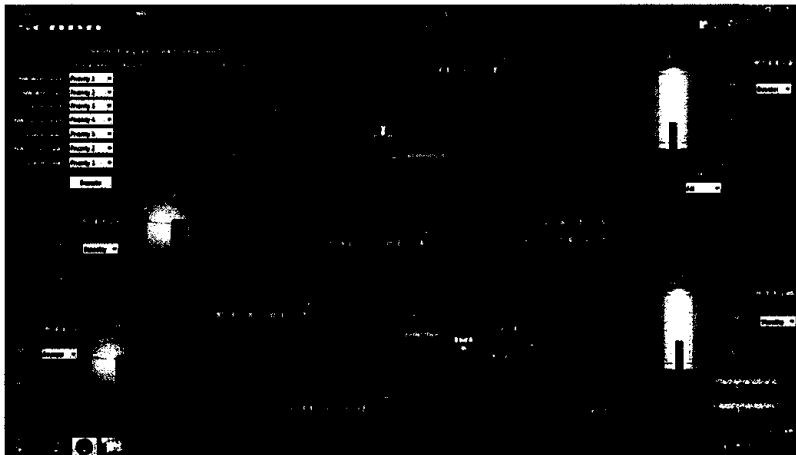
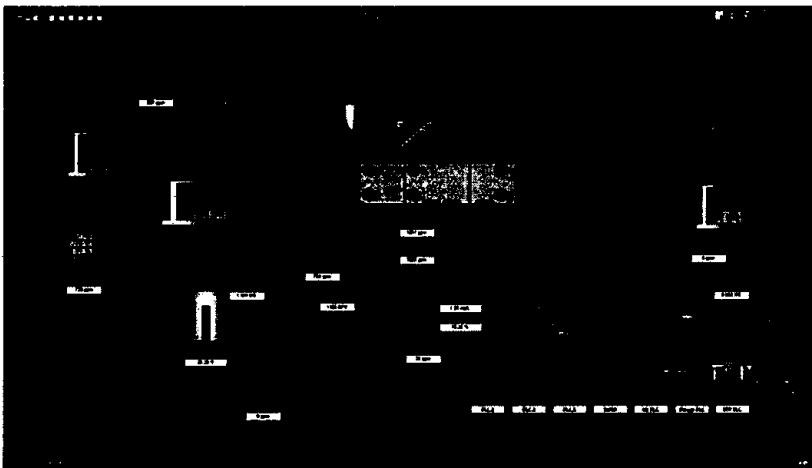
THE RANKING SHOWN ABOVE MUST BE FOLLOWED UNLESS SPECIAL CONDITIONS MERIT A CHANGE IN THE NEGOTIATING ORDER. IN THIS CASE, THE SPECIAL CONDITIONS MUST BE EXPLAINED IN DETAIL IN THE COMMENTS SECTION OR ATTACHED TO THIS RANKING SHEET.

POSTING TIME/DATE FROM 4:00 October 26, 2017, UNTIL 4:00 October 31, 2017.

ANY RESPONDENT AFFECTED ADVERSELY BY AN INTENDED DECISION WITH RESPECT TO THE AWARD OF ANY REQUEST FOR PROPOSAL, SHALL FILE WITH THE PURCHASING DEPARTMENT FOR ST. JOHNS, A WRITTEN NOTICE OF INTENT TO FILE A PROTEST NOT LATER THAN SEVENTY-TWO (72) HOURS (EXCLUDING SATURDAY, SUNDAY AND LEGAL HOLIDAYS) AFTER THE POSTING OF THE SUMMARY SHEET. PROTEST PROCEDURES MAY BE OBTAINED IN THE PURCHASING DEPARTMENT.

REQUEST FOR QUALIFICATIONS

SCADA SYSTEM SERVICES RFQ NO. 17-79



St. Johns County, Florida

October 2017

**CDM
Smith**

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PART VI: – ATTACHMENTS/FORMS

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

COVER PAGE

**SUBMIT ONE (1) HARD-COPY ORIGINAL
AND ONE (1) EXACT ELECTRONIC PDF COPY ON USB DRIVE TO:**

PURCHASING DEPARTMENT
ST. JOHNS COUNTY
500 SAN SEBASTIAN VIEW
ST. AUGUSTINE, FLORIDA 32084
ATTN: DIANA M. FYE, CPPB, PROCUREMENT COORDINATOR

FULL LEGAL NAME OF COMPANY: CDM Smith Inc.

MAILING ADDRESS: 8381 Dix Ellis Trail, Suite 400 Jacksonville, FL 32256

DATE: October 12, 2017

**CERTIFICATION FOR
RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES**

The Undersigned submits this Qualifications Package to be considered as a Qualified Consultant for the SCADA System Services.

A copy of the license(s) under which our firm is engaged in the business of contracting in the state of Florida is attached. This license was issued in accordance with provisions of Section 489.113, Florida Statutes, and is currently valid and in force.

It is further understood that qualifications, if given, shall be valid for the purpose of submitting rates for the above referenced continuing services contract, unless suspended or terminated by St. Johns County.

The Undersigned authorizes and requests any public official, engineer, architect, Surety Company, bank depository, material or equipment manufacture or distributor or any person, firm or corporation to furnish all information requested by St. Johns County, to verify statements given with this Qualifications Package.

The Undersigned further authorizes the St. Johns County, FL designee to disclose, without any liability whatsoever, any and all information contained in the qualifications package.

The Undersigned has not been disqualified by any public agency in Florida except as indicated below. (If none, insert: "N/A")

CDM Smith Inc.

(Full Legal Company Name)

This 15th day of September, 2017

Attest:

By: Mario J. Marcaccio
Name and Title of Officer
Mario, J. Marcaccio, Secretary

APPROVED:

By: Patrick R. Victor
Name and Title of Authorized Officer
Patrick R. Victor, PE, DWRE
Vice President

As Notarized

By: Lisa A. Stoddart



(Corporate Seal)



RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

AFFIDAVIT OF SOLVENCY

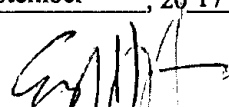
STATE OF Massachusetts)

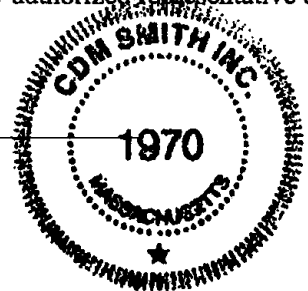
COUNTY OF Suffolk)

PERTAINING TO THE SOLVENCY OF CDM Smith Inc. , being of lawful age and being duly sworn I, Eric J. Hartmann, as Chief Financial Officer (ex. CEO, officer, president, duly authorized representative, etc.) hereby certify under penalty of perjury that:

1. I have reviewed and am familiar with the financial status of above stated entity.
2. The above stated entity possesses adequate capital in relation to its business operations or any contemplated or undertaken transaction to timely pay its debts and liabilities (including, but not limited to, unliquidated liabilities, un-matured liabilities and contingent liabilities) as they become absolute and due.
3. The above stated entity has not, nor intends to, incur any debts and/or liabilities beyond its ability to timely pay such debts and/or liabilities as they become due.
4. I fully understand that failure to make truthful and complete disclosure of any fact or item of information contained herein may result in disqualification or termination for cause by the County of any contract for the services provided pursuant to above referenced RFQ and/or other action(s) authorized by law.

The undersigned has executed this Affidavit of Solvency, in his/her capacity as a duly authorized representative of the above stated entity, and not individually, as of this 15 day of September, 20 17.

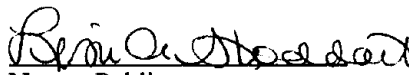

Signature of Affiant



STATE OF Massachusetts)

COUNTY OF Suffolk)

Subscribed and sworn to before me this 15th day of September, 2017, by Eric J. Hartmann
who personally appeared before me at the time of notarization, and who is personally known to me or who has produced personally known as identification.


Notary Public

My commission expires:

2/8/2024



RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

AFFIDAVIT

TO: ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS
ST. AUGUSTINE, FLORIDA

At the time the proposal is submitted, the Respondent shall attach to his proposal a sworn statement.

The sworn statement shall be an affidavit in the following form, executed by an officer of the firm, association or corporation submitting the proposal and shall be sworn to before a person who is authorized by law to administer oaths.

STATE OF Florida COUNTY OF Duval. Before me, the undersigned authority, personally appeared Patrick Victor, PE, DWRE who, being duly sworn, deposes and says he is Vice President (Title) of CDM Smith Inc. (Firm) the respondent submitting the attached proposal for the services covered by the RFQ documents for RFQ No: 17-79; Request for Qualifications for SCADA System Services.

The affiant further states that no more than one proposal for the above referenced project will be submitted from the individual, his firm or corporation under the same or different name and that such respondent has no financial interest in the firm of another respondent for the same work, that neither he, his firm, association nor corporation has either directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this firm's proposal on the above described project. Furthermore, neither the firm nor any of its officers are debarred from participating in public contract lettings in any other state.

CDM Smith Inc.

(Proposer)

By Patrick R. Victor Patrick R. Victor

Vice President

(Title)

STATE OF FL

COUNTY OF DUVAL

Subscribed and sworn to before me this 12th day of OCTOBER, 2017, by PATRICK VICTOR who personally appeared before me at the time of notarization, and who is personally known to me or who has produced _____ as identification.

Cheryl A. Gullotto

Notary Public

My commission expires:

7/24/2019



Cheryl A. Gullotto
NOTARY PUBLIC
STATE OF FLORIDA
Comm# FF800544
Expires 7/24/2019

VENDOR ON ALL COUNTY PROJECTS MUST EXECUTE AND ATTACH THIS AFFIDAVIT TO EACH PROPOSAL.

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS

CONFLICT OF INTEREST DISCLOSURE FORM

The term "conflict of interest" refers to situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting a consultant's/contractor's professional judgment in completing work for the benefit of St. Johns County ("County"). The bias such conflicts could conceivably impart may inappropriately affect the goals, processes, methods of analysis or outcomes desired by the County.

Consultants/Contractors are expected to safeguard their ability to make objective, fair, and impartial decisions when performing work for the benefit of the County. Consultants/Contractors, therefore must there avoid situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting the consultant's/contractor's professional judgement when completing work for the benefit of the County.

The mere appearance of a conflict may be as serious and potentially damaging as an actual distortion of goals, processes, and methods of analysis or outcomes. Reports of conflicts based upon appearances can undermine public trust in ways that may not be adequately restored even when the mitigating facts of a situation are brought to light. Apparent conflicts, therefore, should be disclosed and evaluated with the same vigor as actual conflicts.

It is expressly understood that failure to disclose conflicts of interest as described herein may result in immediate disqualification from evaluation or immediate termination from work for the County.

Please check the appropriate statement:



I hereby attest that the undersigned Respondent has no actual or potential conflict of interest due to any other clients, contracts, or property interests for completing work on the above referenced project.



The undersigned Respondent, by attachment to this form, submits information which may be a potential conflict of interest due to other clients, contracts or property interests for completing work on the above referenced project.

Legal Name of Respondent:

CDM Smith Inc.

Authorized Representative(s):

Signature

Signature

Patrick R. Victor, PE, DWRE/Vice President
Print Name/Title

David Rasmussen, PE, QEP/Project Manager
Print Name/Title

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS

DRUG-FREE WORKPLACE FORM

The undersigned firm, in accordance with Florida Statute 287.087 hereby certifies that

CDM Smith Inc.

does:

Name of Firm

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the danger of drug abuse in the workplace, the business' policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, employee assistance programs and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the contractual services that are described in St. Johns County's request for qualifications to provide bond underwriter services a copy of the statement specified in paragraph 1.
4. In the statement specified in paragraph 1, notify the employees that, as a condition of working on the contractual services described in paragraph 3, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Florida Statute 893, as amended, or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction or plea.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.
6. Consistent with applicable provisions with State or Federal law, rule, or regulation, make a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs 1 through 5.

As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.

Signature

Patrick R. Victor, PE, DWRE, Vice President

October 12, 2017

Date



Drug-Free Workplace Policy

As required by federal legislation, CDM Smith Inc. and its divisions and subsidiaries (hereafter collectively referred to as "CDM Smith") have adopted the following policy regarding the Drug-Free Workplace Act.

CDM Smith wishes to alert its employees to the danger of drug abuse in the workplace. These include the potential for workplace accidents and failures that can pose a serious threat to the health and safety of the employee and others. Drug abuse affects an employee's reliability, stability, and good judgment necessary to the safe performance of work for the firm. Problems of productivity, reliability, and absenteeism can reduce an employee's work effectiveness and could result in the possible discharge.

It is the firm's policy to maintain a productive and safe workplace free from the influence of illegal drugs. Drug abuse assistance and rehabilitation programs are available through the firm's Employee Assistance Program and health insurance programs, as described in the CDM Smith benefits manual. Employees with drug abuse problems are strongly encouraged to participate in these programs. When appropriate, time off from work, in accordance with the firm's time off policy, will be made available as the employee's job permits in order to facilitate drug rehabilitation treatment.

In accordance with federal funding and contracting requirements, the firm strictly prohibits the unlawful manufacture, distribution, dispensation, possession, or use of illegal drugs or controlled substances by an employee on or near the firm's premises or vehicles, or on client's premises, at all times. Use of illegal drugs or controlled substances before reporting to work which affects workplace performance or conduct is likewise prohibited.

Violation of this policy will result in appropriate discipline, up to and including immediate discharge. Employees are cautioned that discipline under this policy may include satisfactory participation in a drug abuse assistance or rehabilitation program as a condition of continued employment.

Any employee who is convicted of violating a criminal drug statute for conduct occurring in or near the workplace or during working hours must notify the firm no later than 5 days after conviction. Failure to notify the firm in a timely fashion will result in discharge.

CDM Smith may, from time to time, have contracts with the federal government or other public or private clients, which require performance on government facilities or sites with controlled security access. Such facilities normally have site specific security access requirements, including prohibitions against the possession and/or use of alcohol, drugs or other substances which could affect the individual's ability to work safely on the facility or site. In the event an employee is assigned to work for such a client, the employee will be requested to sign a specific "Notification of Security Requirements" or "Authorization to Release Information" acknowledging his/her understanding of the security requirements and consenting to the security measures employed by the identified facility, including random searches of persons and possessions (including vehicles) and random specimen testing for use, possession, sale or distribution of prohibited or illegal substances. Such consent is required prior to accessing each controlled facility or site.

In compliance with the Drug-Free Workplace Act, employees are required to sign a statement that they have received a copy of the firm's policy and that they will abide by its terms.



St. Johns County Board of County Commissioners

Purchasing Division

September 7, 2017

ADDENDUM #1

To: Prospective Respondents
From: St. Johns County Purchasing Department
Subject: RFQ No. 17-79, Request for Qualifications for SCADA System Services

This Addendum #1 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a bid proposal that he/she has received all Addenda, and return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.

A. QUESTIONS:

1. We need to clarify the requirement on the following please. Under Part III: Requirements of This RFQ, B. 1. Experience, it states "Minimum qualifications for experience shall include: The Remote Terminal Unit/Supervisory Control and Data Acquisition (RTU/SCADA) supplier may hold a State of Florida Professional Engineering (PE) License with area of expertise in electrical engineering. A copy of the license, if applicable, shall be provided to the County or upon the County's request for any drawings stamped by, or any project overseen by, a PE subcontracted by the RTU/SCADA Supplier." Would you please clarify if the RTU/SCADA Supplier is required to have a PE on staff, or if subcontracting the PE is acceptable.

Answer: The responding firm (RTU/SCADA supplier) is not required to have a licensed State of Florida Professional Engineer (PE) on staff, the PE may be sub-contracted; however, the sub-contractor must be a licensed PE in the State of Florida. Proposed Sub-Contractors must be identified with the submitted proposal as per instructions in Section V of the RFQ document.

THE RFQ DUE DATE REMAINS SEPTEMBER 21, 2017 AT 4:00 P.M.

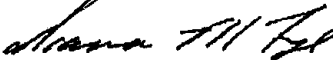
Acknowledgment

 September 7, 2017
Signature and Date

Patrick R. Victor, P.E., DWRE, Vice President
Printed Name/Title

CDM Smith Inc.
Company Name (Print)

Sincerely,


Diana M. Fye, CPPB
Procurement Coordinator

END OF ADDENDUM NO. 1



St. Johns County Board of County Commissioners

Purchasing Division

September 14, 2017

ADDENDUM #2

To: Prospective Respondents
From: St. Johns County Purchasing Department
Subject: RFQ No. 17-79, Request for Qualifications for SCADA System Services

This Addendum #2 is issued for further respondent's information and is hereby incorporated into the RFQ documents. Each respondent will ascertain before submitting a qualification package that he/she has received all Addenda, and return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.

CHANGE/CLARIFICATION:

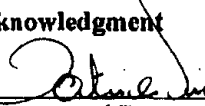
Due to impacts from Hurricane Irma, the deadline for submittal and opening of qualifications packages for RFQ No. 17-79 has been extended by three (3) weeks. Scaled qualification packages are due by or before 4:00 PM (EST) on October 12, 2017.

Any and all questions or requests for information relating to this Request for Qualifications shall be submitted in writing by close of business (5:00 PM) on Thursday, September 21, 2017. Final Addendum will post by close of business (5:00 PM) on Thursday, October 5, 2017.

The evaluation of submitted RFQ packages is rescheduled for October 26, 2017.

THE RFQ DUE DATE HAS CHANGED TO OCTOBER 12, 2017 AT 4:00 P.M.

Acknowledgment

 September 14, 2017
Signature and Date

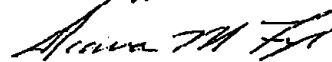
Patrick R. Victor, P.E., DWRE, Vice President

Printed Name/Title

CDM Smith Inc.

Company Name (Print)

Sincerely,



Diana M. Fye, CPPB
Procurement Coordinator

END OF ADDENDUM NO. 2



St. Johns County Board of County Commissioners

Purchasing Division

September 29, 2017

ADDENDUM #3

To: Prospective Respondents
From: St. Johns County Purchasing Department
Subject: RFQ No. 17-79, Request for Qualifications for SCADA System Services

This Addendum #3 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a bid proposal that he/she has received all Addenda, and return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.

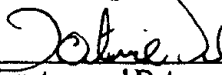
A. QUESTIONS:

1. In Part IV of the RFQ, in Paragraph F, will the County agree that Consultant's indemnity obligations will be governed by FS chapter 725.08? If so, some suggested language would be: "The CONSULTANT shall indemnify and hold harmless the OWNER, and its offices and employees, from liabilities, damages, losses and costs, including but not limited to, reasonable attorney's fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the CONSULTANT and other persons employed or utilized by the CONSULTANT in the performance of this Agreement."

Answer: Indemnification language in St. Johns County contracts is as follows: "The Consultant shall indemnify and hold harmless the County and its officers and employees from claims, liabilities, damages, losses, and costs, including court costs, expert witness and professional consultation services, and attorneys' fees, arising out of the Consultant's errors, omissions, or negligence. The Consultant shall not be liable to, nor be required to indemnify the County for, any portions of damages arising out of any error, omission, or negligence of the County or its officers and employees."

THE RFQ DUE DATE REMAINS OCTOBER 12, 2017 AT 4:00 P.M.

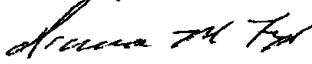
Acknowledgment

 September 29, 2017
Signature and Date

Patrick R. Victor/Vice President
Printed Name/Title

CDM Smith Inc.
Company Name (Print)

Sincerely,


Diana M. Fye, CPPB
Procurement Coordinator

END OF ADDENDUM NO. 3

Section 1

Section 1

Company Qualifications

This section includes CDM Smith's evidence that we meet/exceed the minimum qualifications for provision of the requested services:

- Letter of Introduction & Interest
- Licenses/Certifications
- Certificates of Insurance
- Claim, Liens, Litigation History

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: CDM Smith Inc.

Attachment "1-A"

LETTER OF INTRODUCTION and INTEREST

CDM Smith's introduction and interest letter for this RFQ is attached.



8381 Dix Ellis Trail, Suite 400
Jacksonville, Florida 32256
tel: 904 731-7109
fax: 904 519-7090

October 12, 2017

St. Johns County Purchasing Department
Attn: Diana M. Frye, CPPB, Procurement Coordinator
500 San Sebastian View
St. Augustine, FL 32084

Subject: RFQ NO: 17-79 Request for Qualifications for SCADA System Services

Dear Ms. Frye and Selection Committee:

St. Johns County Utility Department (SJCUD) is seeking a firm to provide qualifications and experience in the application of automated process control elements and systems in the water and wastewater industry. **CDM Smith Inc.** is the firm with the resources, County experience, unique qualifications, and innovative ideas to best achieve SJCUD's objectives. CDM Smith Inc. offers the following advantages:

	County Experience: Twenty-six years of service on more than 150 County projects means we understand your standards, procedures, and preferences. Our team is familiar with the programs and integration systems utilized by SJCUD, including Trihedral's VT SCADA (V10.1.14 and V10.2.20) and Motorola's System Tool Suite (STS; all versions being utilized in the SJCUD RTUs including V16.50, V17.60, V18.60 and V19.50). Our application engineers have also coordinated with SJCUD to perform remote troubleshooting and programming edits via WebEx. This will allow us to expedite the delivery of projects desired by SJCUD.
	Dedicated Delivery: As shown by our work on the SR16 Wastewater Treatment Plant (WWTP) 1.0 million gallon (MG) Reuse Ground Storage Tank (GST) project, our team is dedicated to delivering for the County on a moment's notice. Our dedication has also been proven when working on longer duration projects such as the Northwest Water Reclamation Facility (NW WRF) and the Reuse Supervisory Control System (RSCS), providing Automation Support until SJCUD has complete confidence in the operation of the controls being implemented.





Selection Committee Members

October 12, 2017

Page 2

	Team Continuity: Project manager David A. Rasmussen, PE, QEP, and lead automation engineers Greg A. Czerniejewski, PE, and Timothy G. Wiley, PE, are a team that SJCUD are familiar with and can count on. Having successfully delivered automation services for the County's NW WRF, SR16 WWTP, and the RSCS project, our team is exceptionally qualified to deliver high quality projects to SJCUD.
	Reliable Solutions: CDM Smith is a registered CSIA (Control System Integrators Association) systems integrator with nearly 70 years of experience in water and wastewater design and construction. We stand by our work, delivering the County cutting edge technology, and have professionals with unparalleled technical expertise. By having the process design and automation expertise in-house, we can easily tailor the programming deliverables to meet the needs of SJCUD, including adjusting control narratives based on changes to the process that may be encountered after a design has been completed. As we have demonstrated in the past, we will always be available to the County to support our work products. Our value proposition is strong, our track record of performance is excellent, and our commitment to SJCUD is unwavering.

CDM Smith, established in 1947 as a partnership and incorporated in 1970, has more than 5,000 employees working from offices worldwide. CDM Smith is a corporation registered to do business in the State of Florida. I, **Patrick R. Victor, PE, DWRE**, am the officer-in-charge for this contract, and I will be responsible for responding to any questions regarding this submittal. This contract will be administered from our local Jacksonville office. Please do not hesitate to call me should you have any questions regarding our submittal or overall qualifications to successfully complete your project. We look forward to growing our relationship with SJCUD.

Sincerely,



Patrick R. Victor, P.E., DWRE
Vice President
CDM Smith Inc.



RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: CDM Smith Inc.

Attachment "1-B"

LICENSES/CERTIFICATIONS

In the space below, each Respondent shall list all current licenses and/or certifications held relative to the required services as provided herein.

Each Respondent shall attach a copy of each current license and/or certification listed below to his proposal as instructed.

License Name	License #	Issuing Agency	Expiration Date
Patrick Rudy Victor	PE #50112	State of Florida	02/28/2019
David Alan Rasmussen	PE #77561	State of Florida	02/28/2019
Michael John Graham	PE #71194	State of Florida	02/28/2019
Gregory Alan Czerniejewski	PE #57418	State of Florida	02/28/2019
Michael Cahill	PE #70837	State of Florida	02/28/2019
Timothy Gene Wiley	PE #78470	State of Florida	02/28/2019
CDM Smith Inc.	CA #20	State of Florida	02/28/2019

Attachment 1-B

Proof of Qualifications

CDM Smith is authorized to conduct business in the state of Florida, as evidenced by our corporate certificate of authorization shown below. The Florida Professional Engineering licenses for the Project Team Organization and the certificate showing CDM Smith's status as an integrator with Trihedral are also included.

State of Florida Department of State

I certify from the records of this office that CDM SMITH INC. is a Massachusetts corporation authorized to transact business in the State of Florida, qualified on April 23, 1974.

The document number of this corporation is 832235.

I further certify that said corporation has paid all fees due this office through December 31, 2017, that its most recent annual report/uniform business report was filed on January 5, 2017, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Fifth day of January, 2017*



Ken Detjen
Secretary of State

Tracking Number: CC3160991563
To authenticate this certificate, hit the following site, enter this number, and then follow the instructions displayed.
<https://services.sosfla.org/Filing/CertificateOfStatus/CertificateAuthentication>

State of Florida Board of Professional Engineers



Is authorized under the provisions of Chapter 471, Florida Statutes, to offer engineering services to the public through a Professional Engineer and is registered under Chapter 471, Florida Statutes.

Expiration: 2/28/2019
Audit No: 228201901028 R

CA Lic. No:
20

State of Florida

Board of Professional Engineers

Attests that

Patrick Rudy Victor , P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201928650 R

P.E. Lic. No:

50112

State of Florida

Board of Professional Engineers

Attests that

David Alan Rasmussen , P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201910373 R

P.E. Lic. No:

77561

State of Florida

Board of Professional Engineers

Attests that

Michael John Graham , P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201931024 R

P.E. Lic. No:

71194

State of Florida

Board of Professional Engineers

Attests that

Gregory Alan Czerniejewski, P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201929309 R

P.E. Lic. No:

57418

State of Florida

Board of Professional Engineers

Attests that

Michael John Cahill, P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201908342 R

P.E. Lic. No:

70837

State of Florida

Board of Professional Engineers

Attests that

Timothy Gene Wiley, P.E.



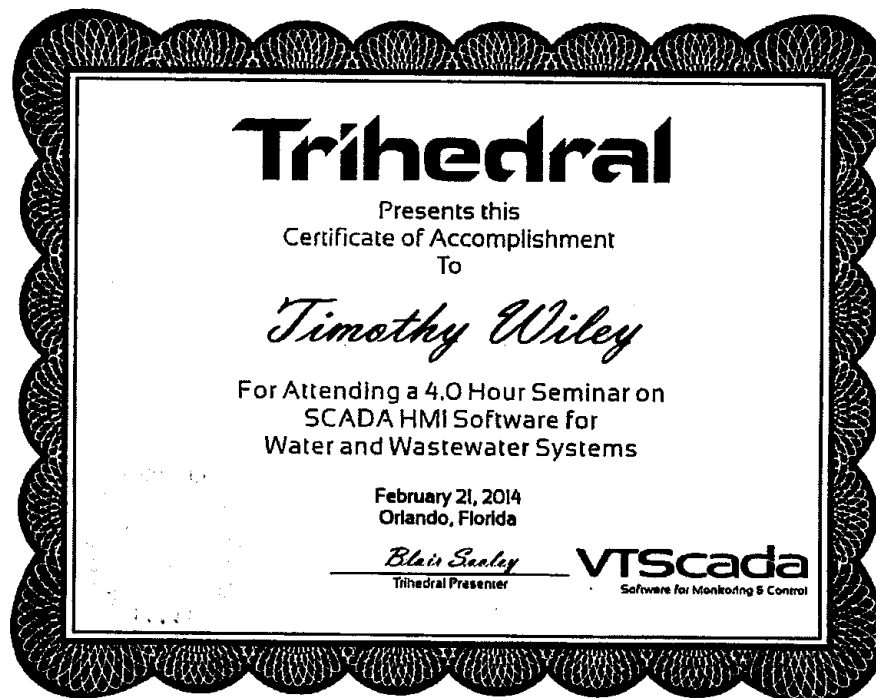
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

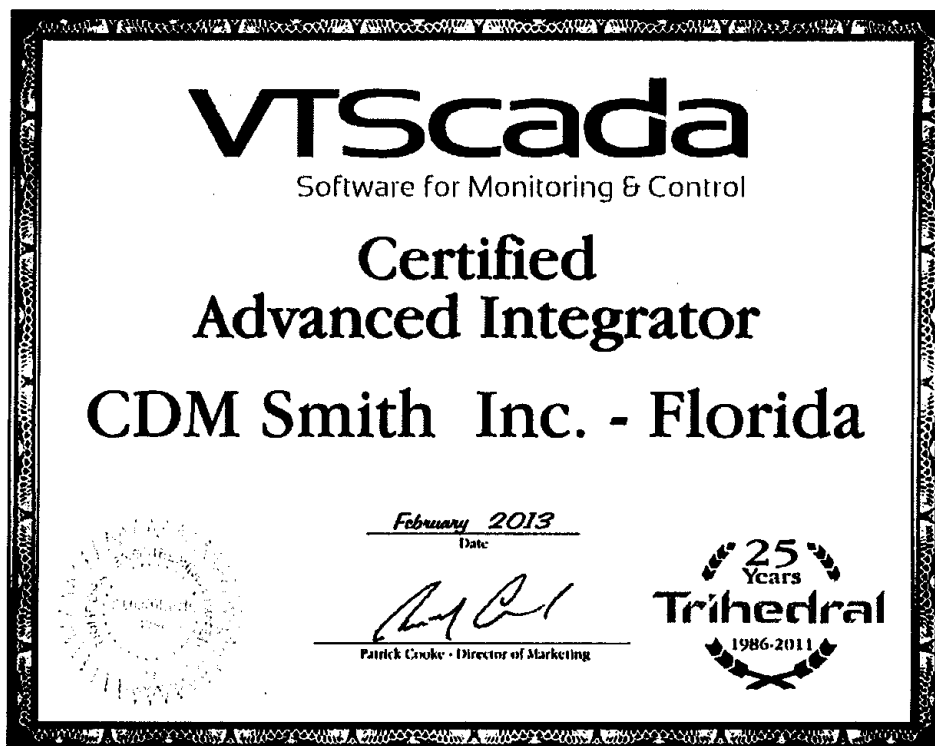
Expiration: 2/28/2019

Audit No: 228201915280 R

P.E. Lic. No:

78470





RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: CDM Smith Inc.

Attachment "1-C"

CERTIFICATES OF INSURANCE

CDM Smith's certificate of liability insurance is attached.



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
09/14/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services Northeast, Inc. Boston MA Office One Federal Street Boston MA 02110 USA		CONTACT NAME: PHONE (A/C. No. Ext): (866) 283-7122 FAX (A/C. No.): (800) 363-0105 E-MAIL ADDRESS:															
INSURED CDM Smith Inc. 75 State Street, Suite 701 Boston MA 02109 USA		INSURER(S) AFFORDING COVERAGE <table border="1"><thead><tr><th>INSURER</th><th>NAIC #</th></tr></thead><tbody><tr><td>INSURER A: New Hampshire Insurance Company</td><td>23841</td></tr><tr><td>INSURER B: American Home Assurance Co.</td><td>19380</td></tr><tr><td>INSURER C: Illinois National Insurance Co</td><td>23817</td></tr><tr><td>INSURER D: National Union Fire Ins Co of Pittsburgh</td><td>19445</td></tr><tr><td>INSURER E: ACE Property & Casualty Insurance Co.</td><td>20699</td></tr><tr><td>INSURER F: Lloyd's Syndicate No. 2623</td><td>AA1128623</td></tr></tbody></table>		INSURER	NAIC #	INSURER A: New Hampshire Insurance Company	23841	INSURER B: American Home Assurance Co.	19380	INSURER C: Illinois National Insurance Co	23817	INSURER D: National Union Fire Ins Co of Pittsburgh	19445	INSURER E: ACE Property & Casualty Insurance Co.	20699	INSURER F: Lloyd's Syndicate No. 2623	AA1128623
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INSURER E: ACE Property & Casualty Insurance Co.	20699																
INSURER F: Lloyd's Syndicate No. 2623	AA1128623																

COVERAGES **CERTIFICATE NUMBER:** 570068364538 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. **Limits shown are as requested**

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS												
D	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☒ LOC ☐ OTHER:			GL3629894	01/01/2017	01/01/2018	<table border="1"><tr><td>EACH OCCURRENCE</td><td>\$2,000,000</td></tr><tr><td>DAMAGE TO RENTED PREMISES (Ea occurrence)</td><td>\$300,000</td></tr><tr><td>MED EXP (Any one person)</td><td>\$10,000</td></tr><tr><td>PERSONAL & ADV INJURY</td><td>\$2,000,000</td></tr><tr><td>GENERAL AGGREGATE</td><td>\$4,000,000</td></tr><tr><td>PRODUCTS - COMPI/OP AGG</td><td>\$4,000,000</td></tr></table>	EACH OCCURRENCE	\$2,000,000	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$300,000	MED EXP (Any one person)	\$10,000	PERSONAL & ADV INJURY	\$2,000,000	GENERAL AGGREGATE	\$4,000,000	PRODUCTS - COMPI/OP AGG	\$4,000,000
EACH OCCURRENCE	\$2,000,000																		
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MED EXP (Any one person)	\$10,000																		
PERSONAL & ADV INJURY	\$2,000,000																		
GENERAL AGGREGATE	\$4,000,000																		
PRODUCTS - COMPI/OP AGG	\$4,000,000																		
D	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☒ HIRED AUTOS ONLY ☒ NON-OWNED AUTOS ONLY			CA 192-18-22 AOS CA 1921821 MA	01/01/2017	01/01/2018	<table border="1"><tr><td>COMBINED SINGLE LIMIT (Ea accident)</td><td>\$2,000,000</td></tr><tr><td>BODILY INJURY (Per person)</td><td></td></tr><tr><td>BODILY INJURY (Per accident)</td><td></td></tr><tr><td>PROPERTY DAMAGE (Per accident)</td><td></td></tr></table>	COMBINED SINGLE LIMIT (Ea accident)	\$2,000,000	BODILY INJURY (Per person)		BODILY INJURY (Per accident)		PROPERTY DAMAGE (Per accident)					
COMBINED SINGLE LIMIT (Ea accident)	\$2,000,000																		
BODILY INJURY (Per person)																			
BODILY INJURY (Per accident)																			
PROPERTY DAMAGE (Per accident)																			
E	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE ☐ DED ☐ RETENTION			XOOG28194687001	01/01/2017	01/01/2018	<table border="1"><tr><td>EACH OCCURRENCE</td><td>\$1,000,000</td></tr><tr><td>AGGREGATE</td><td>\$1,000,000</td></tr></table>	EACH OCCURRENCE	\$1,000,000	AGGREGATE	\$1,000,000								
EACH OCCURRENCE	\$1,000,000																		
AGGREGATE	\$1,000,000																		
A	☒ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	WC014649625 AOS WC014649626 AK,AZ,VA	01/01/2017	01/01/2018	<table border="1"><tr><td>☒ PER STATUTE ☐ OTHER</td><td></td></tr><tr><td>E.L. EACH ACCIDENT</td><td>\$1,000,000</td></tr><tr><td>E.L. DISEASE-EA EMPLOYEE</td><td>\$1,000,000</td></tr><tr><td>E.L. DISEASE-POLICY LIMIT</td><td>\$1,000,000</td></tr></table>	☒ PER STATUTE ☐ OTHER		E.L. EACH ACCIDENT	\$1,000,000	E.L. DISEASE-EA EMPLOYEE	\$1,000,000	E.L. DISEASE-POLICY LIMIT	\$1,000,000				
☒ PER STATUTE ☐ OTHER																			
E.L. EACH ACCIDENT	\$1,000,000																		
E.L. DISEASE-EA EMPLOYEE	\$1,000,000																		
E.L. DISEASE-POLICY LIMIT	\$1,000,000																		
F	Archit&Eng Prof			PSDEF1700033 Professional/Claims Made	01/01/2017	01/01/2018	<table border="1"><tr><td>Each Claim</td><td>\$1,000,000</td></tr><tr><td>Aggregate</td><td>\$1,000,000</td></tr></table>	Each Claim	\$1,000,000	Aggregate	\$1,000,000								
Each Claim	\$1,000,000																		
Aggregate	\$1,000,000																		

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: RFQ No. 17-79 SCADA System Services
St. Johns County, a political subdivision of the State of Florida is included as Additional Insured in accordance with the policy provisions of the General Liability and Automobile Liability policies. Umbrella Liability policy is follow-form.

CERTIFICATE HOLDER

CANCELLATION

ST. Johns County, a political subdivisions of the State of Florida 500 San Sebastian View St. Augustine FL 32084 USA	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>Aon Risk Services Northeast, Inc.</i>

Holder Identifier :

Certificate No : 570068364538

AGENCY CUSTOMER ID: 10518329

LOC #:



ADDITIONAL REMARKS SCHEDULE

Page _ of _

AGENCY Aon Risk Services Northeast, Inc.		NAMED INSURED CDM Smith Inc.
POLICY NUMBER See Certificate Number: 570068364538		
CARRIER See Certificate Number: 570068364538	NAIC CODE	EFFECTIVE DATE:

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
 FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER	
INSURER	
INSURER	
INSURER	

ADDITIONAL POLICIES If a policy below does not include limit information, refer to the corresponding policy on the ACORD certificate form for policy limits.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS
	WORKERS COMPENSATION						
B		N/A		WC014649627 CA	01/01/2017	01/01/2018	
C		N/A		WC014649628 FL	01/01/2017	01/01/2018	
A		N/A		WC014649629 IL, KY, NC, NH, UT	01/01/2017	01/01/2018	
A		N/A		WC014649630 MA, ND, OH, WA, WI, WY	01/01/2017	01/01/2018	
A		N/A		WC014649631 NJ, PA	01/01/2017	01/01/2018	

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: CDM Smith Inc.

Attachment "1-D"
CLAIMS, LIENS, LITIGATION HISTORY
(Complete and Submit)

1. Within the past 7 years, has your organization filed suit or a formal claim against a project owner (as a prime or subcontractor) or been sued by or had a formal claim filed by an owner, subcontractor or supplier resulting from a construction dispute? Yes X No If yes, please attach additional sheet(s) to include:

Description of every action Captions of the Litigation or Arbitration

Amount at issue: See attached document Name (s) of the attorneys representing all parties:

See attached document

Amount actually recovered, if any: See attached document

Name(s) of the project owner(s)/manager(s) to include address and phone number:

See attached document

2. List all pending litigation and or arbitration. See attached document
3. List and explain all litigation and arbitration within the past seven (7) years - pending, resolved, dismissed, etc.
See attached document
4. Within the past 7 years, please list all Liens, including Federal, State and Local, which have been filed against your Company. List in detail the type of Lien, date, amount and current status of each Lien.

N/A

5. Have you ever abandoned a job, been terminated or had a performance/surety bond called to complete a job?

Yes No X If yes, please explain in detail:

6. For all claims filed against your company within the past five-(5) years, have all been resolved satisfactorily with final judgment in favor of your company within 90 days of the date the judgment became final? Yes No
If no, please explain why? N/A

7. List the status of all pending claims currently filed against your company:

N/A

Liquidated Damages

1. Has a project owner ever withheld retainage, issued liquidated damages or made a claim against any Performance and Payment Bonds? Yes No X If yes, please explain in detail:

(Use additional or supplemental pages as needed)

CDM Smith Litigation History for the Previous 7 Years

Because of its size and volume of business, over the years CDM Smith Inc. has occasionally been named in litigation. Many of these claims involve either a construction contractor or subcontractor claiming extra costs. Third party claims as a result of damages done by a construction contractor are also common. On occasion CDM Smith Inc. is also required to respond to a claim by a client or files a claim for payment from a client. These claims are infrequent.

The table on the following pages provides a complete history of CDM Smith's litigation over the past 7 years. (Please note that CDM Smith was known as "Camp Dresser & McKee" [abbreviated as CDM] prior to our 2011 merger with the former Wilbur Smith Associates.) CDM Smith will provide responses to any additional questions regarding its litigation history upon the execution of a confidentiality agreement by the party requesting the information.

Business Confidential

Claim	Year	Dispute	Status
En-Tech Corp. v. The City of Newark and Camp Dresser & McKee Inc.	2010	Professional Liability Claim	Closed
Verizon New England, Inc. v. Camp Dresser & McKee Inc., et al.	2010	Property Damage	Closed
Essex Insurance Company v. Greg Challinor; The State of Montana; Camp Dresser & McKee Inc. et al.	2010	Declaratory Complaint	Closed
Joseph W. Trosclair, Jr. v. Baker Pile Driving & Site Work, LLC, et al. including Camp Dresser & McKee Inc.	2011	Personal Injury	Closed
Linda Barcelona and Steve V. Barcelona v. Camp Dresser & McKee Inc. and K&G Tree Service	2011	Personal Injury	Closed
Linda Tucker v. Camp Dresser & McKee Inc. and ABC Insurance Company	2011	Property Damage	Closed

Claim	Year	Dispute	Status
Kyndell Dukes, James Dukes and Torren Dukes v. Huff & Mitchell, Inc., City of Houston, City of Pearland, Texas Department of Transportation, Centerpoint Energy, Inc., Amani Engineering, Inc., LJA Engineering and Surveying, Inc., Geotest Engineering, Inc., Boring & Tunneling Company of America, Inc., Camp Dresser & McKee Inc., T&C Construction LTD., Gateman, Inc., and Tolunay-Wong Engineering, Inc.	2011	Personal Injury	Closed
Helen Cook v. Gross Environmental Services, Inc., Camp Dresser & McKee Inc., Nautilus Insurance Company	2011	Property Injury	Closed
City of Bossier City v. Camp Dresser & McKee Inc.	2011	Claim of Negligence	Closed
USA, etc and Safway Services, LLC v. Camp Dresser & McKee Inc., etc. et al.	2011	Breach of Contract	Closed
Jane and Hlanson Cosse, v. First Millennium Construction LLC, et al., including Camp Dresser & McKee Inc., Dfts.	2011	Property Damage	Closed
Village of Johnson City, et al., Pltfs. v. C & S Engineers, Inc., et al. including Camp Dresser & McKee Inc.	2011	Claim of Design Errors	Ongoing
Jeffrey A. Mitchell and Monica Sanchez Mitchell v. Road Home Corporation, etc., et al. including CDM Inc., Dfts. //CDM Constructors Inc.	2011	Property Damage	Closed
Juan Escano, etc., v. Camp Dresser & McKee Inc.	2011	Claim and Order	Closed
Devier Design Build, LLC v. St. Bernard Parish Gov., et al. including CDM Inc.	2011	Alleging failure to perform duties as a professional construction manager, etc.	Closed
James and Sherry Mullinax v. Eagle Construction Company, LTD, York County, et al. including Wilbur Smith Associates, Inc.	2011	Alleging improper placement of permanent roadway signs on August 1, 2009 in S.C.	Closed

Claim	Year	Dispute	Status
Jeffrey A. Mitchell and Monica Sanchez Mitchell vs. Road Home Corporation, etc., et al. including CDM Inc., Dfts. //CDM Constructors Inc.	2011	Contractor parked heavy equipment on adjacent lot and conducted demo operations such that it created excessive vibration and resulted in damage to house.	Closed
John F. Scarborough v. WSA, Inc., et al.	2011	Alleged negligence in the performance of CEI Services for GDOT leading to a traffic accident with injuries	Closed
Lisa A. Mathis v. WSA, Inc. et al.	2011	Alleged negligence in the performance of CEI services for GDOT; passenger in the Scarborough vehicle noted above	Closed
CDM Smith Inc. v. John Rogers	2012	Appeal of Attorney General Open Records Decision	Closed
Joel Anderson, et al., v. Town of Wawarsing, et al., including CDM Smith Inc.	2012	Complaint filed by a group of inmates alleging unsanitary living conditions, etc.	Closed
Jennette Schultz v. State of Louisiana, et al. including CDM Smith Inc.	2012	Claim of Personal Injury - Slip Trip Fall	Closed
The City of Waveland, Mississippi, v. CDM Smith Inc. et al.	2012	Breach of Contract - Claim of Gross negligence	Ongoing
CDM Smith Inc. v. Atkins, North America Inc.	2012	Breach of contract claim against CDM Smith Inc. subcontractor for defective design	Closed
Advanced Pipe Inspection, Inc. v. The Town of Whitman, MA and Camp Dresser & McKee Inc.	2012	Breach of Contract Claim	Ongoing
HRK Holdings, LLC, etc., v. Ardaman & Associates, Inc. etc., et al. including CDM Smith Inc. and CDM Constructors	2012	Breach of Contract Claim	Closed
Stephen Marks and Padma Marks, v. Southeast Drilling Services, Inc., etc., et al. including CDM Smith Inc., etc., Dfts.	2012	Property Damage	Closed

Claim	Year	Dispute	Status
Manuel Bedregal, et al., v. Southeast Drilling Services, Inc., etc., et al. including CDM Smith Inc., etc., Dfts.	2012	Property Damage	Closed
Qui Tran, v. Southeast Drilling Services, Inc., etc., et al. including CDM Smith Inc., etc., Dfts.	2012	Property Damage	Closed
Johnson Brothers LLC v. Wilbur Smith Associates Inc.	2012	Professional Negligence	Closed
WHF Electrical Contractors, Inc. v. Cajun Constructors and Liberty Mutual Insurance Co.	2013	Payment claim. Subcontractor to General Contractor alleges negligence in the preparation and issuance of plans and specification of project and made negligent misrepresentation in the bid documents.	Closed
Judith Driscoll v. CDM Smith, Methuen Construction	2013	Negligence, Emotional Distress, Property Damage	Closed
Progressive Environmental Services, Inc. v. CDM Smith Inc.	2013	Payment claim. Contractor alleges negligence in pre-bid statements.	Closed
Middleneck Road, LLC v. CDM Smith Inc. Et al.	2013	Property owner claiming damages against engineer, contractor, and owner	Ongoing
Texas General Land Office v. CDM Smith Inc. and City of Galveston	2013	Action for declaratory relief related to CDM Smith Inc. v. City of Galveston, et al.	Ongoing
CDM Smith Inc. v. City of Galveston, et al	2013	Breach of Contract, Payment Claim	Ongoing
Rend Lake Conservancy District v. Siemens Water Technologies Corp., CDM Smith Inc., Lance Schildeman, and Randy Rogers	2013	Breach of Contract, Fraudulent Misrepresentation, Fraudulent Concealment, Negligent Misrepresentation	Ongoing
CDM Smith Inc. v. City of Galveston, et al	2013	Breach of Contract, Payment Claim	Ongoing

Claim	Year	Dispute	Status
Rend Lake Conservancy District v. Siemens Water Technologies Corp., CDM Smith Inc., Lance Schideman, and Randy Rogers	2013	Breach of Contract, Fraudulent Misrepresentation, Fraudulent Concealment, Negligent Misrepresentation	Ongoing
Marion Gonzales v. BGB Interests, L.P., etc., et al. including Camp Dresser & McKee Inc.	2013	Property owner claiming damages against engineer, contractor, and owner	Closed
Palmetto Promotions, LLC vs. McClam and Associates, Inc., et al. including CDM Smith, etc.	2013	Property owner claiming damages against engineer, contractor, and owner	Closed
Fisk Electric v. Max Foote Construction Company, et al. including CDM Smith Inc.	2013	Negligence	Closed
Quinones Diez Silva & Asociados, CSP (QDSA) v. EIC, CDM Smith Inc., United Surety & Indemnity Company, AAA	2013	Subcontractor-General Contractor claim of non-payment	Closed
Institute for Building Technology & Safety Inc. v. CDM Smith Inc. Etc. Et al.	2014	Breach of Contract	Closed
Command Construction, LLC v. St. Bernard Parish Government, Jordan, Jones & Goulding Inc., Jacobs Engineering Group Inc., CDM Smith Inc.	2014	Negligence	Closed
CDM Smith Inc. and CDM Constructors Inc. v. Hatch Mott MacDonald, LLC	2014	Breach of Contract, Negligence, Indemnity	Ongoing
Anders Construction, Inc. v. Department of Transportation and Development State of Louisiana, et al	2014	Breach of Contract, Negligence, Indemnity	Closed
Diamondhead Water and Sewer District v. CDM Smith Inc.	2014	Breach of Contract, Negligence	Closed
Adam Marglotta v. The City of New York, New York City Department of Design and Construction and CDM Smith Inc.	2014	Personal Injury	Closed
Taylor v. Hanlon Electric Corp., Carnegie Mellon University, and CDM Smith Inc.	2015	Wrongful Death, Negligence	Closed
DeVere Construction Company, Inc. v. CDM Smith, Inc., Union County, and Pete Duty and Associates, Inc.	2015	Negligence	Settlement reached, pending dismissal

CDM Smith Litigation History for Previous 7 Years

Claim	Year	Dispute	Status
CDM Smith Inc. v. Hancock County Board of Supervisors	2015	Breach of Contract	Closed
Lake County Public Water District v. CDM Smith Inc. et al	2015	Breach of Contract	Closed
Estate of Westbrook v. CDM Smith Inc. et al	2015	Negligence	Closed
Tomasz Skiba v. City of Malden, Aggregate New England Region, Inc. and CDM Smith Inc.	2015	Negligence, Massachusetts 93A	Closed
Yonkers Contracting Company, Inc. vs. The County of Westchester, et al. including CDM Smith Inc.	2015	Negligence	Ongoing
Yonkers Contracting Company, Inc. v. The County of Westchester, et al. including CDM Smith Inc.	2015	Negligence	Ongoing
Sandy Thurman, Wife of and Charles Thurman v. St. Bernard Parish Government, et al.	2015	Negligence	Ongoing
Larue and Lori Ellis v. City of Jacksonville, Florida et al, including CDM Smith Inc.	2015	Property damage claim by homeowners that improvements designed by CDM Smith for the City of Jacksonville, FL caused property damage as a result of excessive erosion	Ongoing
United States of America for the use of Glen Gery Corporation v. CDM Smith/Coakley Williams et al	2015	Payment Claim	Closed
Atkins North America, Inc., etc. and Suramy Cabrera, PE, v. CDM Smith Inc. etc. and James E. Crane, PE	2015	Breach of Contract	Closed
Infrastructure Corporation of America v. Town of Longboat Key, Florida, TB Landmark Construction, Inc., CDM Smith Inc. and Spectrum Underground Inc.	2016	Claim that directional drilling caused bridge pier to move	Ongoing
Town of Plymouth vs Veolia Water North America - Northeast LLC, Veolia Water North America Operating Services, et al - including CDM Smith Inc.	2016	Professional Negligence	Ongoing

Claim	Year	Dispute	Status
Brushy Creek Regional Utility Authority's Third Party Petition against Camp Dresser & McKee Inc.	2016	Third Party Petition against Camp Dresser & McKee Inc.	Ongoing
CDM Smith Inc. v. Savage Visual Effects, LLC t/d/g/a Savage VFX; James Pastorius, Individually; and West North Development Group, LP	2016	Defendant owes Plaintiff monies	Ongoing
W.C. English Inc. v. Rummel, Klepper & Kahl, LLP and CDM Smith Inc.	2017	Professional Negligence	Ongoing
St. Bernard Parish Government v. CDM Smith Inc., et al	2017	Negligence	Ongoing
The City of Meridian v. CDM Smith Inc., et al.	2017	Breach of Contract, Negligence	Ongoing
City of Santa Barbara, etc., v. CDM Smith Inc., etc., et al.	2017	Contract Issue	Ongoing
Skyline Engineering, L.L.C. v. RCDolner LLC, Lakhani & Jordan Engineers, P.C., CDM Smith Inc. and Turner & Townsend Ferzan Robbins LLC.	2017	Contribution, Negligence	Ongoing
Danielle Tosto Personal Rep. for the Estate of John D. Gilbert v. Town of Saugus, J. Tropeano Inc., and CDM Smith Inc.	2017	Negligence	Ongoing

Section 2

Section 2

Qualifications of Staff and Sub-Contractors/Suppliers

This section provides evidence the CDM Smith has the qualified and experienced staff and other resources to successfully perform and complete the required project work.

- Company Organization
- Project Team Organization
- Key Personnel
- Proposed Sub-Contractors

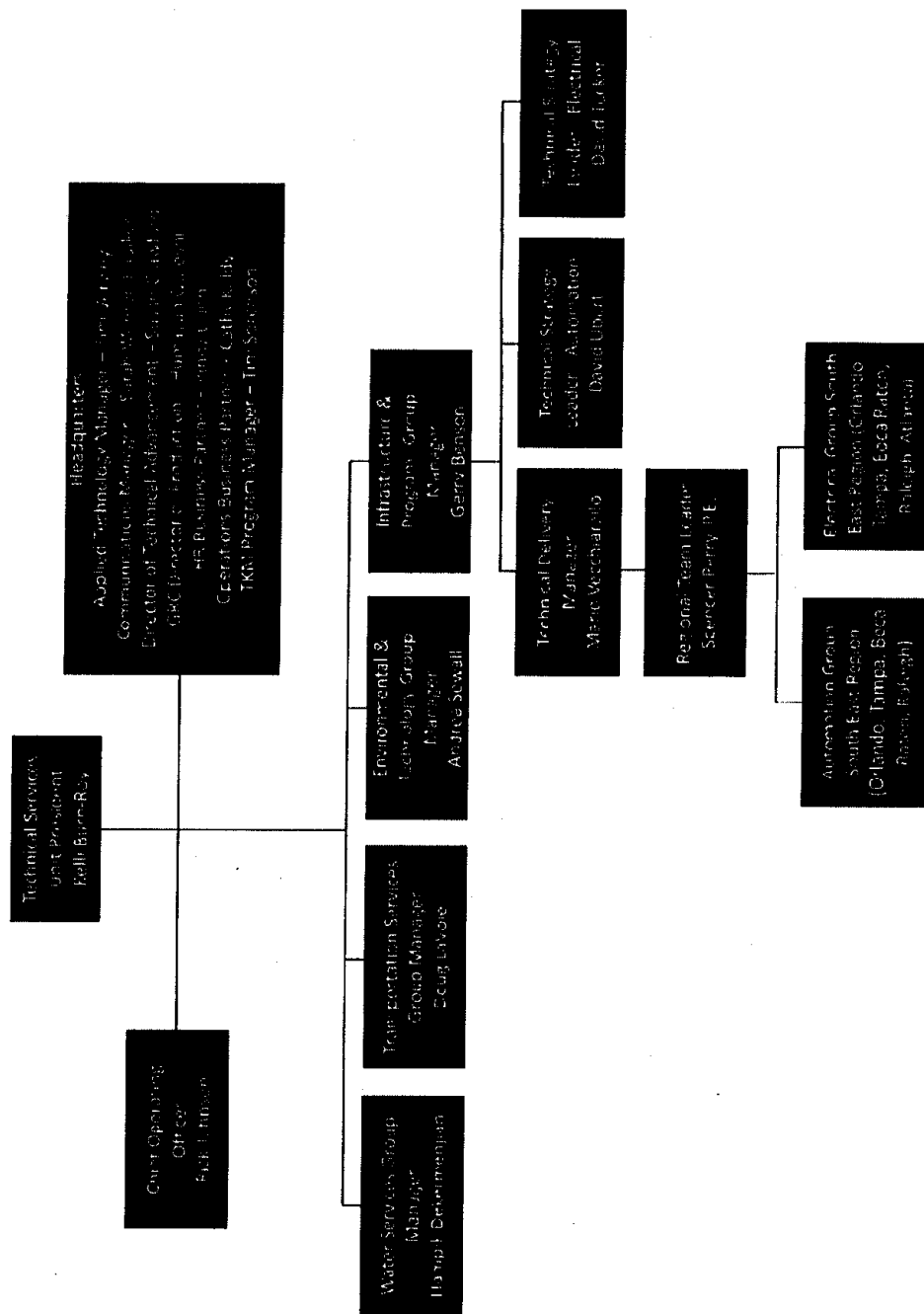
RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: CDM Smith Inc.

Attachment "2-A"
COMPANY ORGANIZATION CHART

CDM Smith's Technical Services Unit organization chart is attached.

Attachment 2-A Company Organization Chart



RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: CDM Smith Inc.

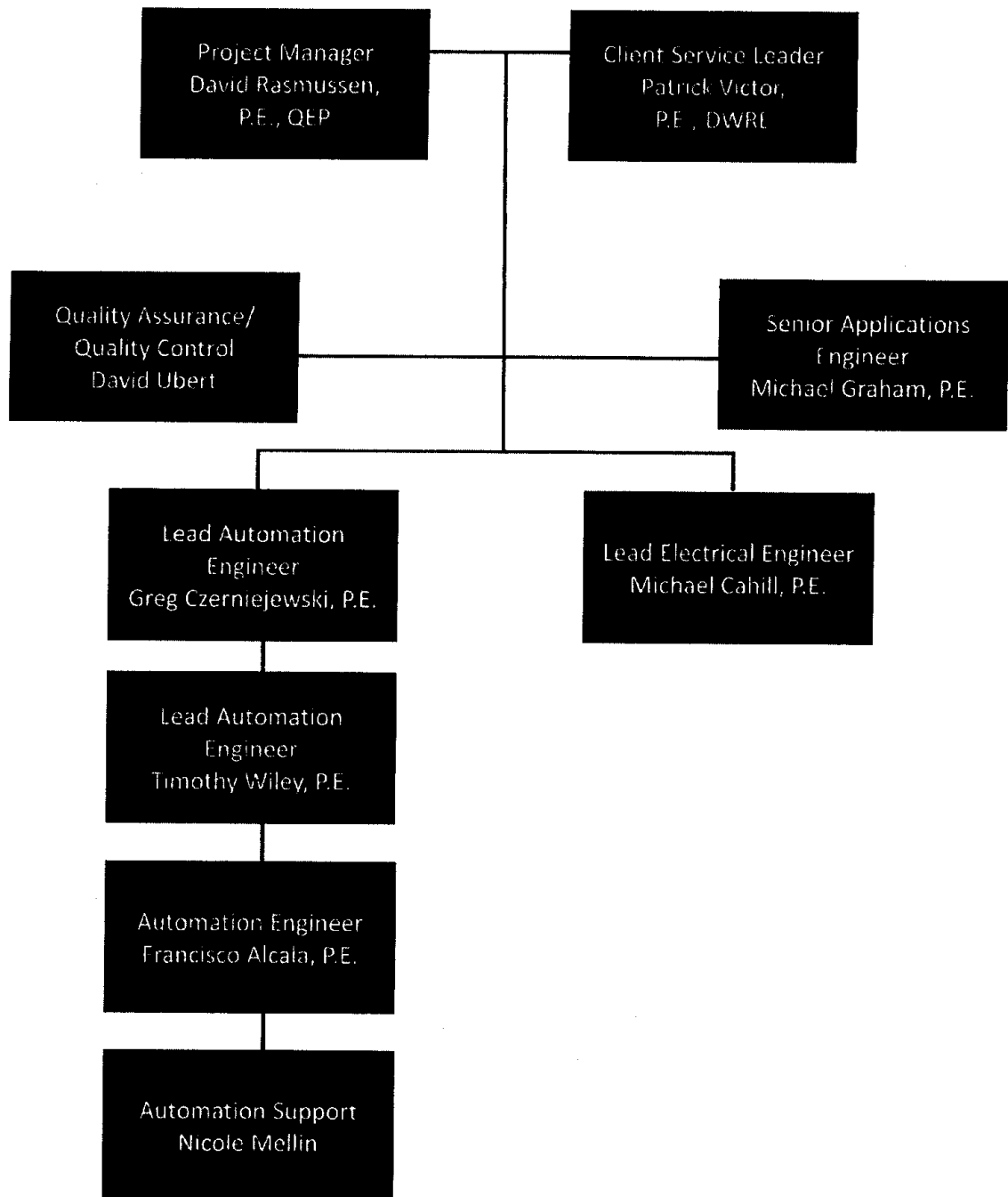
Attachment "2-B"

PROJECT TEAM ORGANIZATION CHART

Our project team is presented on the following page.

Attachment 2-B

Project Team Organization Chart



RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: CDM Smith Inc.

Attachment "2-C"

KEY PERSONNEL LIST

In the space below, list all qualified personnel who are permanent employees of the company that may be utilized to perform the required scope of services. Attach brief but comprehensive resumes for each staff member listed below

Employee Name	Employee Title	# Years Employed	Total # Yrs. Experience
Patrick Victor	Client Service Leader	19	28
David Rasmussen	Environmental Engineer	10	10
David Ubert	Automation Technical Strategy Leader, Associate	11	26
Michael Graham	Automation Engineer	21	24
Greg Czerniejewski	Senior Automation Engineer	14	25
Michael Cahill	Electrical Engineer	12	12
Timothy Wiley	Automation Engineer	7	21
Francisco Alcala	Automation Engineer	11	25
Nicole Mellin	Automation Engineer	2	2



Patrick R. Victor, PE, D.WRE

Client Service Leader

Mr. Victor is a Client Service Leader with 28 years of experience in watershed planning and management, environmental permitting, and hydrology and hydraulics modeling. He has successfully managed multi-disciplinary projects and has evaluated complex surface water management systems to show the long-term effects of urbanization upon watersheds. Mr. Victor is familiar with the water management districts and the Florida Department of Environmental Protection (FDEP) procedures relative to most chapters of the Florida Administrative Code (FAC) applicable to water resources. He is familiar with the Environmental Protection Agency's (EPA) National Pollutant Discharge Elimination System (NPDES) permitting programs. Mr. Victor has helped many municipalities with obtaining grants from both the St. Johns River Water Management District (SJRWMD) and the FDEP. Mr. Victor is an expert in utilizing computer models to simulate the effectiveness of existing and proposed control measures on surface water management systems.

Officer-in-Charge, Northwest Wastewater Treatment Plant (WWTP) Design and Construction Services, St. Johns County, FL, 2007 to Ongoing (expected construction completion is September 2015). Mr. Victor is overseeing services during construction for the new 3-mgd regional WWTP to provide for the wastewater treatment needs of the developments located in the Northwest service area. The new \$25 million Northwest WWTP is an Advanced Wastewater Treatment (AWWT) facility using 4-stage Bardenpho process to produce high quality effluent for irrigation, filtration, ultraviolet (UV) system for disinfection, and belt press filter and sludge treatment.

Officer-in-Charge, Bradley Road Master Wastewater Pump Station Improvements Preliminary Design Report (PDR), JEA, Jacksonville, FL, 2014. CDM Smith was selected to develop the PDR for the Bradley Road Wastewater Pump Station upgrade evaluation. The Bradley Road Master Pump Station is a key component of JEA's wastewater collection and transmission system and has increased in importance over time with the addition of an expanded service area. Mr. Victor served as officer-in-charge for the development of the PDR, which evaluated the existing station condition and recommended alternative design improvements. One such alternative included the design of a new above ground in-line booster pump station, which CDM Smith recommended as our preferred alternative. The PDR was completed and submitted in early 2015, and will be used as JEA's basis for award for the future design project.

Officer-in-Charge, Northwest WWTP Total Maximum Daily Load (TMDL) Assistance, St. Johns County, FL. As officer-in-charge, Mr. Victor oversaw the project that demonstrated intermittent discharges from the Northwest WWTP would not have an adverse impact to the immediate receiving water (Mill Creek) and downstream water body (Sixmile Creek). CDM Smith developed a spreadsheet model to show that the discharge would not reduce dissolved oxygen (DO) concentrations in Mill Creek, and in fact would actually increase DO concentrations under some circumstances. The model also demonstrated that the travel time in the creek was so limited that there is little likelihood that the nutrients in the wastewater discharge will cause adverse growth of phytoplankton in the creek. He assisted in discussions with U.S. Environmental Protection Agency (EPA)

Education

M.E. - Master of Engineering, University of Florida, 1991

B.S. - Agricultural Engineering, University of Florida, 1989

Registration

Professional Engineer: Florida, 1996

Honors/Awards

Diplomate - Water Resources Engineer, American Academy of Environmental Engineers, 2009

and state regarding inclusion of the intermittent load in the TMDLs for Mill Creek and Sixmile Creek.

Officer-in-Charge, Well Abandonment for 35 Production Wells, Jacksonville, FL, January 2012 to Present. Mr. Victor is serving as officer-in-charge overseeing the design, permitting, and engineering services during construction for the abandonment of 35 JEA production wells located at various sites in Duval and St. Johns County. CDM Smith worked closely with JEA on this fast paced project that required two of these 35 to be abandoned by September 2013 and the other wells to be abandoned by October 2015 to meet Condition # 19 of the Consumptive Use Permit (CUP).

Officer-in-Charge, Hydrology, Hydrodynamics, and Hydraulics Continuing Services Contract, St. Johns River Water Management District (SJRWMD), Florida. Mr. Victor served as the officer-in-charge on several work orders on this \$5.5 million continuing services contract, including the Deep Creek Southwest (Masters) Regional Stormwater Treatment system conceptual design, TCAA Phase II PLSM model update, and the Cowpen Branch IFAS Farm Re-Engineering conceptual design.

Officer-in-Charge, St. Johns County Utility Department (SJCUD) Arc Flash Study: Analysis, Safety, and Updates, St. Johns County, FL, 2012 to Ongoing. St. Johns County Utility Department contracted with CDM Smith to provide services related to performing a system-wide arc flash hazard study and electrical safety program for their wastewater, reclaimed water, and water facilities. Patrick served as officer-in-charge for an arc flash hazard analysis of the County's major facilities, including 14 water and wastewater plants, 340 lift stations, and four booster pump stations. He was responsible for contract oversight and ensuring the overall client satisfaction with the services provided under this study.

Officer-in-Charge, Stormwater Utility Evaluation and Implementation, St. Augustine, FL. The City's stormwater utility was established in 1993, and was based on obsolete methods that were reviewed during the stormwater master plan (SWMP) developed in 2012. As part of the project, Patrick oversaw the development series of public outreach meetings in close coordination with the finance, engineering, and public works departments. During the public meetings CDM Smith presented information to the stormwater committee, including the analysis of revenue scenarios and projection \$4.3M of stormwater capital and \$750,000 annual operation and maintenance (O&M) expenditures.

Program Manager, Stormwater Utility, Jacksonville, Florida, 2007. Mr. Victor was the program manager for the establishment of a stormwater utility program. His responsibilities included developing a fair and equitable rate schedule, managing a public information and education campaign, developing a billing program to implement the utility, and providing support for the implementation of the utility.

Program Manager, Master Stormwater Management Plan and Floodplain Map Modernization for Duval County, Jacksonville, Florida, 2006. Mr. Victor served as the program manager for the update of the master stormwater management program for Duval County. Mr. Victor's tasks included the development of hydrology and hydraulic models for every watershed in the county (70), the development of a water quality model to address TMDL allocation, prioritization of capital improvement projects to reduce flooding and reduce total nitrogen from stormwater runoff, updating and modernizing

flood maps, and the development of a web-based application to access the information developed as part of this program for access by internal and external clients.

Project Manager, Development of a Model for the Upper St. Johns River Basin, SJRWMD, Florida, 2005. Mr. Victor was the project manager for the development of a water quality and quantity hydrologic Simulation Program – Fortran (HSPF) model for the Upper St. Johns River Basin. The Upper St. Johns River HSPF was developed with the purpose of establishing the total maximum daily load (TMDL) that the system could assimilate and, based on that information, come up with pollutant reduction goals (PLRGs) to meet the TMDL.

Project Manager, Hillsborough River TMDL, FDEP, Florida, 2005. Mr. Victor served as the project manager for the development of a Watershed Assessment Model (WAM) coupled with a Water Quality Analysis Simulation Program (WASP) model to develop the total maximum daily loads (TMDL) for the Hillsborough River system. Mr. Victor led a multi-disciplinary group in the development and calibration of the model in a very short timeframe.

Project Manager, Cedar River Outfall and Hugh Edwards (Bond 2001), Jacksonville, Florida, 2003. Mr. Victor managed the design of stormwater facilities for these two projects. His duties included all aspects of planning and designing a wet detention pond with the added challenge of dealing with contaminated sediments for the Cedar River outfall project. Mr. Victor applied for and obtained \$1.2 million of legislative funds from the State of Florida for the Cedar River Outfall project.

Project Manager, Model Development for Minimum Flows and Levels, SJRWMD, Florida, 2001 to 2007. Mr. Victor was the project manager for the development of a series of HSPF models and two integrated surface and groundwater models (MIKE SHE/MIKE 11 and SWMM/MODFLOW) for assessing the long-term impact of groundwater withdrawal to surface water systems.

Project Manager, Hydrologic, Hydraulics, and Hydrodynamics Continuing Services Contract for the SJRWMD, Florida, 2000 to Present. Mr. Victor was the project manager for a series of water quality and quantity evaluation projects for the SJRWMD. These projects included the development of a hydrodynamic grid that would run on Environmental Fluid Dynamic Code (EFDC), the development of water quality models that will be used to optimize the use of best management practices (BMPs) needed to remove nitrogen and phosphorus from runoff to Lake Jesup, and stormwater inventory of structures located in the Upper Oklawaha chains of lakes. Mr. Victor managed the evaluation and provided recommendations for the design of three stormwater facilities in the Tri-County agricultural area.

Project Manager, Stormwater Master Plan Development, Clay County, Florida, 2000 to 2002. Mr. Victor served as the project manager for the development of a stormwater master plan for the Bel-Med and Loch Rane ditches in Clay County. This work involved the evaluation of two existing primary surface water management systems and making recommendations on how to improve the level of services provided by those systems.

Project Manager, Cecil Field Re-Development, Jacksonville, Florida, 1999 to 2002. Mr. Victor served as the project manager/engineer for the re-development of Cecil Field in Jacksonville. This complex project involved developing a stormwater management system

that would meet regulations from the Federal Aviation Agency (FAA) and the State of Florida stormwater regulations. Mr. Victor developed a stormwater model for the primary stormwater management system (PSWMS) using SWMM. The goal was to provide a system without any open water body within 10,000 feet of the runway as per FAA regulations that would provide for both peak attenuation and water quality required by the SJRWMD.

Project Engineer, Deer Creek Re-Alignment (Brownfield) Project, Jacksonville, Florida, 1999 to 2001. Mr. Victor was the project engineer for the Deer Creek Re-alignment (Brownfield) project. The goal of this project was to eliminate the contribution of polluted groundwater adjacent to the creek and the migration of polluted sediments to the St. Johns River. A combined box culvert line channel was designed for 1.5 miles of creek to eliminate the direct flow path of hazardous material to the St. Johns River.

Project Manager, Master Stormwater Management Plan Implementation (Bond 1998), Jacksonville, Florida, 1998 to 2007. Mr. Victor was the stormwater project manager and project engineer for the implementation of the Master Stormwater Management Plan (MSMP). His duties included modifying the MSMP models for 13 projects to incorporate new hydraulic structures (ponds, culverts, etc.) to generate the best alternative. Mr. Victor was also responsible for coordinating with design engineering firms for the design of the recommended alternatives and the permitting of the design through the SJRWMD, FDEP, and the U.S. Army Corps of Engineers (USACE). The type of project varied from the simple roadside swales to the restoration of the headwater of a creek.

Prior to CDM

Project Engineer, Horizontal and Vertical Displacement Evaluation Experience, 1991. Mr. Victor performed evaluations of horizontal and vertical displacement of water through soils when applied using micro-irrigation. He recommended optimum rate and duration of irrigation (micro-irrigation) for various types of soils dependent on initial soil condition. Mr. Victor evaluated water holding capacities and wilting points for soils to come up with recommendations regarding frequency and duration of irrigation based on soil types. He used, reviewed, and ranked models (numerical) used to evaluate groundwater-mounding recovery under stormwater ponds. He is knowledgeable in estimating seasonal high water table for various soils.

Project Engineer, Water Use Study and Automated Weather Station, Location, 1991. Mr. Victor reviewed, selected, and installed components of an automated weather station measuring rainfall, wind, relative humidity, solar radiation, and temperature to be used in conjunction with a water use study.

Professional Activities

American Public Work Association, Scholarship Committee Chair, 2006

American Water Resources Association Florida Section, Vice President, 2005-2006, and Treasurer, 2004-2005

American Water Resources Association, President Elect – Florida Section

Florida Water Environmental Association, Member

Society of American Military Engineers, Member

Water Environment Federation, Member

Publications

Victor, Patrick, John Pappas, and Michael F. Schmidt. "Implementation of a Master Stormwater Management Plan in Jacksonville, Florida." Presented at the Florida Water Resources Conference, Tampa, Florida. 2000.

Victor, Patrick, J. Nepshinsky, C. Dewey, and R. Brown. "Water Quality Assessment of Permitted Stormwater Management Systems." 1995.



David A. Rasmussen, PE, QEP
Project Manager

Mr. Rasmussen is an environmental engineer with nine years of experience specializing in water and wastewater treatment plant design, large pump station design, plant hydraulics, groundwater remediation hydraulics, construction services, resident project representative services, and permitting.

Project Manager, Programming Services for the Master Reclaimed Water Control System, St. Johns County, Florida, 2016 – Present. Mr. Rasmussen is the project manager for the Reuse Supervisory Control System project. This project will implement a new master reclaimed water control system to monitor and control the countywide reclaimed water facilities. The project will allow the County to maximize distribution of reclaimed water to customers.

Project Manager/Staff Engineer, Northwest Water Reclamation Facility (WRF), St. Johns County, Florida, 2015 – Present. Mr. Rasmussen was responsible for managing the construction for the new 3-mgd regional WRF to provide for the wastewater treatment needs of the developments located in the Northwest service area. The new \$25M NW WRF was an Advanced Wastewater Treatment (AWWT) facility using 4-stage Bardenpho process to produce high quality effluent for irrigation, filtration, ultraviolet (UV) system for disinfection, and belt press filter and sludge treatment. This project included the design of a Class II pump station and gravity sewer, as well as trenchless technology.

Project Manager, Programming Services for the SR16 WWTP 1.0 MG Reuse Ground Storage Tank Project, St. John's County, Florida. Mr. Rasmussen was responsible for project management associated with the completion of the SR16 WWTP 1.0 MG Reuse Ground Storage Tank project. Due to lack of responsiveness from the systems integrator that was currently working on the projects, CDM Smith was contracted to complete the programming associated with the reuse upgrades at the SR16 WWTP that included a new reclaimed water ground storage tank, ground storage tank fill and return valves and control modifications to operate the reclaimed pumps at variable speed to maintain a system pressure set point.

Project Manager, JEA West Nassau Regional Water Treatment Plant (WTP) Phase 1B, JEA, Florida, 2015 – Present. Mr. Rasmussen is the project manager for the design of the West Nassau Regional WTP Phase 1B project located in Nassau County. The project includes demolition of existing facilities, a new 0.75 MG ground storage tank, pre-engineered metal building housing high service pumps, sodium hypochlorite feed facility, emergency generator with fuel tank, stormwater conveyance and disposal system, entrance road, paved areas for parking and chemical delivery. The design also includes the installation of new 2,500 gpm lower floridan production well and associated piping, valves, and appurtenances.

Project Engineer (design)/Project Manager (construction), JEA Mandarin Water Reclamation Facility (WRF) Equalization Tank and UV Upgrades, JEA, Florida, 2015 – Present. Mr. Rasmussen was the project engineer for the design of the Mandarin WRF equalization tank and UV upgrades project. The project consisted of a new 1.3 MG equalization tank used to supplement reclaimed water during low flow periods and

Education

BS – Environmental Engineering, University of Central Florida, 2007

Registration

Professional Engineer: Florida (2014)

Certifications

Qualified Environmental Professional (QEP), Institute of Professional Environmental Practice

replacement of the facilities existing UV disinfection system with a new UV disinfection system with increased capacity. The design also included a new electrical building and upgrades to the facilities reclaimed water pump station. Mr. Rasmussen is responsible for managing the construction portion of the project.

Project Manager, CR214 Mainland Water Treatment Plant Blending and Alkalinity Adjustment Modifications, St. Johns County, Florida, 2014 – Present. Mr. Rasmussen is responsible for managing the design and construction for the design modifications to implements improvements at the CR214 Mainland WTP to allow blending of distribution system water supplied by the Northwest WTP. The design includes upgrades to the existing clearwell transfer pump station along with large diameter transfer piping located within the plant site, relocation of chemical feed injection points with new feed systems, and new carbon dioxide feed system for pH adjustment.

Project Manager, SR16 Wastewater Treatment Plant (WWTP) Water Quality Based Effluent Limitation (WQBEL) Level II, St. Johns County, Florida, 2016 – Present. Mr. Rasmussen is the project manager for the Water Quality Based Effluent Limitation (WQBEL) Level II project at the SR16 WWTP. The County desires to abandon the backup wetland discharge and permit a backup surface water discharge directly to Cowan Swamp. The project consists of completing a WQBEL Level II per Chapter 62-650 F.A.C. for the SR16 WWTP and will comply with requirements of numeric nutrient criteria.

Project Manager, St. Augustine by the Sea (SABTS) Grinder Pump Station, St. Johns County, Florida, 2014 – Present. Mr. Rasmussen is responsible for managing the design and construction for the conversion of the vacuum sewer system to a low-pressure force main with grinder pump stations located in a subdivision in St. Augustine, Florida. The project included twenty-four new grinder pump stations installed to convey wastewater flow from the residents' laterals to the County's force main.

Project Manager, Northwest Reuse and Flushing Pump Station, St. Johns County, Florida, 2014 – Present. Mr. Rasmussen is responsible for managing the design and construction for the conversion of the existing Northwest Master Lift Station and 0.5 MG ground storage tank to a new reuse storage tank, reuse pump station and flushing pump station. The design also included the construction of a new force main and reclaimed water main within the Northwest Master Lift Station site.

Project Engineer, JCC-ABL-6 Wastewater Pretreatment Improvements, Jacksonville, Florida, 2015 – Present. Mr. Rasmussen is a project engineer for the improvements to the wastewater pretreatment system at the Jacksonville, Florida Anheuser Metal Container Corporation plant. The project includes upgrades to the existing facility to increase treatment capacity from 250 gpm to 400 gpm. Major modifications include the installation of a new oily wastewater separation system, new reactor tank and clarifier, control system, and associated pumps, piping and appurtenances.

Project Engineer, Anheuser Busch Aluminum Bottle Line 7 Site Development Package, Jacksonville, Florida, 2015 – Present. Mr. Rasmussen is a project engineer for the Jacksonville Aluminum Bottle Line 7 Site Development Package located at the Jacksonville Can Plant. Mr. Rasmussen was responsible for the design of the new facilities sanitary grinder pump station and master lift station.

Project Engineer, Three Oaks Wastewater Treatment Plant (WWTP) Oxidation Ditch Improvements, Lee County, Florida, 2013 – Present. Mr. Rasmussen was the staff engineer for the oxidation ditch improvement project that increased the overall treatment capacity of this 6.0-mgd facility due to increased biological loadings over the past several years. The design included upgrades of the facility headworks, oxidation ditches, the brush aeration system, secondary clarifiers, filters, the disinfection system, aerobic digesters, belt filter presses, and the effluent disposal system. This project involved a pump station, gravity sewer design, and pipeline less than 24 inches in diameter.

Project Engineer, DC Water Blue Plains Advanced Wastewater Treatment Plant (AWTP) Tunnel Dewatering Pump Station (TDPS) and Enhanced Clarification Facility (ECF), Washington, DC, 2013 – Present. DC Water contracted with the joint venture team of PC Construction and CDM Smith to design and build a combined sewer overflow pumping and treatment facility. The \$215 million facility will have an initial capacity of 250 mgd and will be capable of expanding to 500 mgd. Mr. Rasmussen serves as a process mechanical and hydraulic project engineer. The facility design includes influent coarse bar racks and surge facilities, a tunnel dewatering pump station, and an enhanced clarification facility consisting of fines screening, vortex grit removal, ballasted flocculation high rate clarification (ACTFLO), chlorination, and dechlorination facilities. The project also includes support facilities such as chemical storage and feed facilities for polymer, ferric chloride, sodium hypochlorite, and bisulfite, and all site grading, paving, drainage, and landscape architecture improvements, yard piping and lighting, new buildings housing electrical gear, chemical facilities, process pumps, boilers, and truck loading for screening and grit. His duties include design tasks and reviews for various process mechanical related components around the plant.

Project Engineer, Middle Swamp Pump Station Force Main and Williamson Road Pump Station Force Main Replacements – Contract 4, Florence, South Carolina, 2013. Mr. Rasmussen was the project engineer for the design of the new 3.5-mgd Middle Swamp pump station. He performed hydraulic analysis and modeling of the proposed pump station and assisted in the complete civil and mechanical design, pump selection, and pump design. Mr. Rasmussen is responsible for the review of shop drawings, requests for information (RFI) responses, and coordination of engineering services during construction.

Project Engineer, Savannah Harbor Expansion Project: Raw Water Storage Impoundment Design, Savannah, Georgia, 2012 – 2013. Mr. Rasmussen was the project engineer for the design of the new 60-mgd transfer pump station for the Savannah Harbor Expansion Project. He performed hydraulic analysis and modeling of the existing raw water intake pump station and new transfer pump station. He assisted in the complete civil and mechanical design, pump selection, and pump design.

Project Engineer, Trussville WWTP Phase I & II Total Maximum Daily Load (TMDL) Improvements Project, Jefferson County, Alabama, 2012. Mr. Rasmussen was the project engineer for the design of the Trussville WWTP headworks and influent pump station improvements project. He was responsible for the civil and mechanical design to increase the capacity of the headworks and influent pump station to 20 mgd. The design included a new band screen, slide gates, washer compactor, influent pumps, and influent pump station modifications necessary to meet hydraulic institute standards.

Project Engineer, Orange County Lake Eve Pump Station Rehabilitation Project, Orange County, Florida, 2011 – Present. Mr. Rasmussen was the project engineer for the design of the replacement of the existing Lake Eve pump station to a new 26-mgd pump station. He also assisted with alternative analysis and recommendations for the Lake Eve pump station. Mr. Rasmussen was responsible for the existing pump station evaluation, site layout of process equipment and aesthetics, civil yard piping, and submersible pump design and selections. He is responsible for the review of shop drawings, RFI responses, and coordination of engineering services during construction.

Project Engineer, Heathrow Master Pump Station Rehabilitation Project, Seminole County, Florida, 2011 – Present. Mr. Rasmussen was the project engineer for the design of the replacement and/or rehabilitation of the 6-mgd Heathrow master pump station. He has assisted with alternative analysis and recommendations and was responsible for the existing pump station evaluation, site layout of process equipment and aesthetics, civil yard piping, and submersible pump design and selections. Mr. Rasmussen is currently responsible for the review of shop drawings, RFI responses, and coordination of engineering services during construction.

Project Engineer, Southeast Regional Water Treatment Plant (SER WTP) Disinfection Upgrades, Seminole County, Florida, 2010 – 2011. Mr. Rasmussen was the project engineer for the SER WTP disinfection upgrades project. The project consisted of developing a comprehensive CT analysis of the SER WTP in order to lower disinfection by-product residuals in the distribution system and to provide recommendations to Seminole County based on conclusions in the analysis. Mr. Rasmussen was also responsible for upgrades to the existing chlorine gas injection system and relocation of chlorine, pH, and turbidity analyzers.

Project Engineer, Renewable Water Resources Gilder Creek WWTP Expansion, Greenville, South Carolina, 2010. Mr. Rasmussen was the project engineer for the Gilder Creek WWTP expansion project. The project was implemented in multiple phases. The goal of the Gilder Creek WWTP expansion was to enhance water quality by increasing treatment levels, increasing treatment capacity, replacing aging infrastructure, improving operational reliability, and improving energy efficiency. Mr. Rasmussen was responsible for complete design of the Gilder Creek WWTP internal recycle pumps for package No. 2. He also assisted with the mechanical design of the anoxic basin, design and selection of the new waste activated sludge (WAS) and return activated sludge (RAS) pumps, demolition of existing RAS/PEFF mixing and distribution chambers, and associated civil yard piping.

Project Engineer, Miami-Dade Water and Sewer Department (WASD) W-847R ASR UV Piping Upgrades West and Southwest Wellfields, Miami-Dade, Florida, 2009 – 2010. Mr. Rasmussen was the project engineer for the W-847R ASR UV piping upgrades at the West and Southwest Wellfields that feed the Alexander-Orr WTP. The project consisted of providing design documents for the addition of a pump to the existing influent side raw water piping of the UV disinfection systems located at each wellfield. The purpose of this upgrade was to provide maintenance flow through the UV systems, yard piping, and ASR water mains. Mr. Rasmussen was responsible for the design and selection of the maintenance pumps and civil yard piping modifications.

Project Engineer, St. Lucie County Baling and Recycling Facility Groundwater Hydraulic Control System, St. Lucie County, Florida, 2010. Mr. Rasmussen was the project engineer responsible for the design of a groundwater remediation system designed to extract groundwater contaminated with benzene compounds from a portion of the St. Lucie County baling and recycling facility. He was responsible for the design of the groundwater remediation system which included three extraction wells, pump hydraulics and selections, pipe sizing, and replacement of an existing on-site lift station.

Project Engineer, JEA Southside Generation Station Groundwater Remediation Project, Jacksonville, Florida, 2009. Mr. Rasmussen was the project engineer responsible for the design of a groundwater remediation system designed to extract groundwater contaminated with arsenic. He was responsible for the design of the groundwater remediation system which included six extraction wells, pump hydraulics and selections, and pipe sizing.

Project Engineer, Ormond Beach WWTP Expansion Construction Services, Ormond Beach, Florida, 2010 - 2013. Mr. Rasmussen was responsible for the review of shop drawings, requests for information (RFI) responses, and coordination of engineering services during construction. He also provided resident project representative (RPR) services and also was responsible for daily reports and on-site coordination with the project contractor.

Project Engineer, Ormond Beach WWTP Expansion, Ormond Beach, Florida, 2007 - 2010. Mr. Rasmussen was the project engineer for the wastewater improvement program for the City of Ormond Beach, estimated to be \$20 million in total construction. The project was implemented in two stages. The first stage consisted of priority improvement modifications to the failing influent pump station and centrifuges. The second stage expanded the plant from 6 to 8 mgd. Mr. Rasmussen assisted with the process and mechanical design of the internal recycle, RAS/WAS, dewatering, and effluent pumping stations. He was also the lead for the FDEP permit.

Project Engineer, Babcock Ranch Community Water Reclamation Facility (WRF), Town & Country Utilities, Babcock Ranch, Florida, 2008 - 2009. Mr. Rasmussen was the project engineer for the new Babcock Ranch Community WRF (still to be implemented). He assisted with the process and mechanical design of the plant drain system, on-site lift station, and bio-filter. The project established water reclamation for Phase I of the Babcock Ranch Community.

Project Engineer, Dinsmore WRF and Timicuan Pump Station, JEA, Jacksonville, Florida, 2008 - 2009. Mr. Rasmussen was the project engineer for the new Dinsmore WRF. Mr. Rasmussen developed influent design parameters for the new Dinsmore WRF and assisted in the site layout of process systems. Mr. Rasmussen also assisted in the process and mechanical design of the Timicuan lift station. The Timicuan lift station will be converted to the Dinsmore WRF on-site lift station in the future.

Project Engineer, Reclaimed Water Production Facility (RWPF) Improvements and Expansion, City of Marco Island, Florida, 2007 - 2009. Mr. Rasmussen was the project engineer assisting with permitting, process and mechanical design and coordination, and development of design documents required due to the expansion of the City's sewer system as part of the septic tank replacement program. This project completed the conversion of the contact-stabilization plant to a Modified Ludzack-Ettinger (MLE) process

with membrane bioreactors (MBRs). This project involved gravity sewer design and pipeline less than 24 inches in diameter.

Project Engineer, Grant Funding Assistance, Marco Island, Florida, 2007.

Mr. Rasmussen assisted the City of Marco Island in applying for 319h funding for the Environmental Protection Agency (EPA), WaterSIP, and Alternative Water Supply funding from the South Florida Water Management District (SFWMD). The City received funding for its reuse system expansion and conversion of the Marco Shores Water Treatment Plant (WTP) to a reclaimed water storage and pumping facility.

Project Engineer, Collier County Public Utilities Engineering Division, Grant Funding Assistance, Collier County, Florida, 2007. As project engineer, Mr. Rasmussen assisted the County in applying for grant funding from the SFWMD and the Big Cypress Basin under Senate Bill 444. Mr. Rasmussen successfully aided the County in receiving approximately \$2.2 million in funding for four alternative water supply projects.

Project Engineer, Grant Funding Assistance, Deerfield Beach, Florida, 2007.

Mr. Rasmussen assisted the City as project engineer in applying for and receiving funding for a new brackish water plant from the SFWMD program for alternative water supply projects. The City was forced to use alternative water supplies when the District would not allow it to withdraw additional freshwater, making it necessary for the City to seek out other supplies to serve its population.

Project Engineer, Flamingo Wastewater Treatment Facility (WWTF) Capacity Analysis Report and Permitting, Everglades National Park, Monroe County, Florida, 2007. Mr. Rasmussen assisted as project engineer with capacity analysis efforts required for the recently expanded WWTF. The capacity analysis report analyzed existing systems at the WWTF along with projected flows. The master plan examined the conversion of the existing contact-stabilization process to an MBR facility in order to increase plant capacity on a small site plan.

Professional Activities

Member, American Water Works Association

Member, Water Environment Federation

Co-Chair, Water Environment Federation Students & Young Professionals Committee
Community Outreach Program

Papers/Awards

Rasmussen, David, C. Hobbs, and J. Noble. "A Sustainable Approach to Low Pressure Reverse Osmosis Concentrate Management." *International Desalination Association Journal of Desalination and Water Reuse*. Vol. 2, No. 2, Second Quarter, 2010.



David L. Uberty

Quality Assurance/Quality Control

Mr. Uberty is an instrumentation specialist with 24 years of experience in process control and supervisory control and data acquisition (SCADA) in the water and wastewater, pulp and paper, food processing and Department of Defense industries. His experience includes communication systems using fiber optics, licensed/unlicensed radio, cellular, satellite, and phone line. Various protocols include Ethernet (various types), DF1 and Modbus protocols. His programmable logic controller (PLC) experience includes using Allen-Bradley's RSLogix 500 and 5000, Modicon's ProWORX NxT, ProWORX32 and Concept. His SCADA programming experience consists of Intellution Fix and Wonderware, as well as several different small human machine interface (HMI) applications, including Panelbuilder, RSView and RSView Studio, Vijeo-Designer.

Lead Instrumentation and Control (I&C) Designer, Northwest Wastewater Treatment Plant (NWWWTP) Final Design and Construction, St. Johns County, Florida, construction completed May 2016. Mr. Uberty provided I&C services for the design, permitting, bidding, and construction management of the County's new \$25 million 3 mgd NWWWTP. The NWWWTP is an Advanced Wastewater Treatment (AWT) facility using the 4-stage Bardenpho process and final effluent UV to produce high quality effluent for irrigation. The UV structure contained 10 UV modules in 2 separate redundant channels. In addition to design and construction services, Mr. Uberty led the team of engineers that programmed the plant using Motorola PLCs and a VT SCADA HMI. All monitoring and controls were completed on time and under budget.

Senior Automation Technical Reviewer and Quality Assurance, Programming Services for the Master Reclaimed Water Control System, St. John's County, Florida. CDM Smith was selected to perform application engineering services associated with the Reuse RSCS (Remote Supervisory Control System) that manages the reclaimed water being sold to reuse customers for irrigation including the Slammer & Squire (S&S) Golf Course in the World Golf Village Complex and residential neighborhoods. The system included monitoring and control of the reclaimed water pumps at the two WWTPs (NW WRF and SR16 WWTP) as well as two Ground Storage Tank / Booster Pump Station sites (Turnbull and NW Reuse & Flushing) and the S&S Golf Course Valve with a future project adding a valve to the King & Bear (K&B) Golf Course. Mr. Uberty provided technical review of the control narratives developed for the PLC and HMI programming as well as serving as the Lead Practitioner, providing senior automation guidance to the team as well as ensuring that CDM Smith's QA/QC procedures were being implemented including regular backups of the PLC and HMI applications and that any documentation, including application backups, were being stored on CDM Smith's document management portal, ProjectWise.

Senior Automation Technical Reviewer, Progressive Design/Build for Resin Plant and WTP Improvements, City of Boynton Beach, Florida, 2015 - Ongoing. This \$30.8M project includes the upgrade and expansion of the City's East WTP to 24 mgd and includes the addition of an ion exchange pretreatment system, modernization of the filters, disinfection system, and SCADA system; and construction of a new 3 MG storage tank and distribution pump station. The SCADA modifications (with a budget of \$761,000 within the GMP) include adding both new and modifying existing plant facilities, while minimizing

Education

BS - Computer
Engineering and Applied
Science, University of
Wisconsin, 1991

disruptions in water treatment. The modifications also include adding all new "smart" electrical switchgear and integration using Profibus. The scope of work includes the complete relocation and reconstruction of the plants existing Control Room and Server Room. The Owner selected CDM Smith as the design/builder along with another firm as the sole source Integrator for the project.

Senior Reviewer and Quality Assurance/Quality Control, Miami-Dade Water and Sewer Department Consent Decree, Miami Dade County, Florida, Ongoing 2016.

CDM Smith is currently working on several projects under the CD program. Mr. Ubert is the senior reviewer for the automation discipline, providing technical reviews and oversight to the design team. Currently, there are 13 projects in design at three wastewater treatment facilities, with more projects anticipated throughout 2016 and 2017.

Senior Automation Reviewer, M.C. Stiles Wastewater Treatment Plant, Memphis, Tennessee. Mr. Ubert provided senior review for the automation design of the Peracetic Acid (PAA) disinfection system and plant improvements project. Improvements included design of a new PAA system and plant wide security camera system. The PAA system included day tanks, chemical feed pumps, contact basin, instrumentation, monitoring and controls.

Automation Design and Project Coordination, T.E. Maxson Wastewater Treatment Plant, Memphis, Tennessee. This project was a major capital investment for Memphis, upgrading the T.E. Maxson WWTP to address existing odor issues, expand the available biological treatment capacity, and meet the new proposed permit limits requiring effluent disinfection. The goal of the project was to implement plant-wide process improvements, effectively constructing a parallel process train to treat approximately 25 mgd, along with implementing a disinfection system that will improve the overall effluent quality and increase the plant's overall treatment capacity. CDM Smith partnered with City staff to complete the design and implement construction meeting the City's primary goals for the expanded treatment process. Mr. Ubert provided automation design and project coordination with multiple vendors providing hardware and software services.

Senior Automation Reviewer, Canoas Wastewater Treatment Plant, Bogotá, Colombia, 2016-Ongoing. CDM Smith was awarded the design project for a new 320 MGD WWTP. The design was a green-field plant, including full automation. The state-of-the-art SCADA system included programmable logic controllers, redundant humane machine interface, and redundant fiber optic network. The project is anticipated to go to construction in late 2016.

Automation Quality Assurance/Quality Control (QA/QC), Kingsport WWTP Ultraviolet Disinfection System, City of Kingsport, Tennessee, 2006 - 2011. Mr. Ubert provided QA/QC services and coordination between the design and construction teams for improvements to the 12.5-mgd ADF (35 mgd peak) WWTP project. CDM Smith provided design and CMAR services on this \$23.4M project and designed an expansion of the existing Allen-Bradley PLC system at the plant. This included retrofitting a new plant fiber optic system into the existing plant raceways to improve communications. Additional Allen-Bradley ControlLogix PLCs were added to the plant system to incorporate new equipment. Operator Interface is provided in the field using Allen-Bradley PanelView terminals and in the control room using RSView HMI software. CDM Smith provided all

PLC programming and HMI configuration to expand this system. We also provided O&M training on the upgraded control system.

Senior Designer, QA/QC, Three Oaks Wastewater Treatment Facility Oxidation Ditch Improvements Project, Lee County, Florida, Ongoing. In addition to an oxidation ditch improvement study, CDM Smith is providing preliminary and final design services for the modifications required to bring the treatment plant design capacity up to 6 mgd average daily flow (ADF) with the gravity hydraulic capacity and site layout space to expand to 8 mgd ADF in the future. Mr. Ubert is providing QA/QC services as well as serving as senior designer.

Senior Designer and QA/QC, Jerry Sellers WRF Biological Nutrient Removal (BNR) Improvements, Ongoing. CDM Smith was tasked with evaluating the BNR process at the WRF and recommending improvements to optimize nutrient removal efficiency. We provided engineering services to produce construction drawings and specifications for new blowers, diffusers, mixers; reconfiguration of the process basin; and for conversion of an existing aeration basin to an equalization basin. Mr. Ubert is serving as senior designer and also providing QA/QC services.

Senior Technical Reviewer, Southwest Water Treatment Plant (WTP) Ozone Improvements Project, Orlando Utilities Commission (OUC), Orlando, Florida, Ongoing. Mr. Ubert is the senior technical reviewer for this project which includes the complete evaluation, design, and construction of ozone generation equipment improvements and upgrades to treat 45.6-mgd of groundwater with an applied ozone dose of 9.8 mg/L. The improvements include: four 900-pounds per day ozone generators and power supply units; five 455-gpm sidestream injection pumps; open and closed loop cooling water systems with two 25-hp pumps, heat exchangers, and piping; a 400-scfm liquid oxygen feed gas system (tanks, vaporizers, filters, pressure regulating assembly); pipeline flash reactor and ozone injection system capable of treating 45.6 mgd; yard piping; demolition of the air-prep feed system and other equipment; electrical upgrades, instrumentation, logical controls, plant hydraulics evaluation, and ozone destruct system modifications.

Senior Automation Technical Reviewer, Quality Assurance/Quality Control (QA/QC), Design-Build Operation of a Mass Burn Waste-to-Energy (WTE) Facility, Solid Waste Authority of Palm Beach County (SWA), Florida, 2015. Mr. Ubert provided review and construction/programming support for the \$120M portion of the design and construction of the new \$672M, 3,000-tons per day (tpd) mass burn WTE facility. CDM Smith's scope of work included design and construction of the Tipping Building, Air Pollution Control Building, Ash Management Building, Maintenance Building, Sky Bridge, and a LEED® Platinum Certified Visitor Center. Additional scope includes cladding and roofing of the Refuse Handling Building, Boiler Building, Water Treatment Building, and Turbine Generator Building. The project also included the design and construction one of the largest rain water harvest systems in the US comprised of a rainwater collection system from 7 acres of roof area.

Senior Automation Reviewer, City of Greensboro Water Reclamation Facility (WRF) expansion and Biological Nutrient Removal (BNR) Upgrades, Greensboro, North Carolina, 2013. The City of Greensboro wanted to expand and upgrade their existing facility in from 40 mgd to 56 mgd in three phases to accommodate future growth. CDM

Smith provided design services which included adding new PLCs to the existing system architecture, modification to the existing monitoring and control system, and additional instruments for the expanded process design. Mr. Ubert provided senior technical review and quality control for the automation discipline.

Senior Automation Designer, Cobb County R.L. Sutton WRF Biosolids Receiving Facility, Cobb County, Georgia. 2013. CDM Smith provided design services to construct a biosolids receiving facility to accommodate solids disposal from 2 existing facility sites. Mr. Ubert provided automation design, including PLC and HMI modifications and instrumentation. The system is currently under construction. CDM Smith is providing all construction services.

Lead Instrumentation and Controls (I&C) Designer, SCADA Upgrade, Boca Raton, Florida, 2012. Mr. Ubert provided the automation design to upgrade the existing, outdated and obsolete SCADA hardware and software controlling the Glades Road water treatment plant. Following a previous upgrade to the filters which he completed in 2005, an entire SCADA upgrade was required to replace all PLCs throughout the entire plant. The upgrade eliminated the Bristol Babcock 33xx platform PLCs, and replaced them with Rockwell Logix platform PLCs. Upgrades were made to the existing iFix HMI system as well, to accommodate the new hardware. Construction services are expected to be completed in the summer of 2013.

Technical Advisor, Puerto Rico Aqueduct and Sewer Authority (PRASA), Puerto Rico, 2012. This project is an ongoing automation project implementing a SCADA upgrade of all water plants, island-wide. Their current human machine interface (HMI) is one of the largest installations of Wonderware and will be modified to incorporate control as part of the automation plan. Mr. Ubert is responsible for deploying staff resources and assisting in the overall design of automation upgrades associated with each plant. PLCs are being added or modified to incorporate remote control capabilities from central locations in each region of the island.

Automation Lead Designer and Project Manager, Lexington-Fayette Urban County Government (LFUCG), Lexington-Fayette County, Kentucky, 2012-2016. LFUCG owns and operates two wastewater treatment plants and 80 pump stations that serve the Lexington-Fayette area in Kentucky. Mr. Ubert was the senior automation designer and project manager to upgrade the SCADA systems for both plants and 80 pump station sites. LFUCG had control functionality at the Town Branch Plant, but none at the West Hickman plant. Both SCADA systems were old and obsolete. All PLCs were replaced as part of this project along with a new redundant HMI system. Remote pump stations had obsolete radio equipment and remote telemetry units (RTUs) which were replaced during the project to improve data speed and overall monitoring capability. The communication scheme was modified from remote sites to accommodate a standardized approach to data monitoring at all sites. Both plants had complete modifications to control rooms, with all new computer hardware and large screen, wall mount displays. All monitoring and control functionality had to remain in place during construction services. Mr. Ubert was the lead designer for the automation system at both wastewater treatment plants and the telemetry system. Mr. Ubert was also the project manager for this project which was completed in January of 2016.

Lead Designer/Project Manager (Automation), Valdosta Georgia, Mud Creek Water Pollution Control Plant Upgrade, Valdosta Georgia, 2012. In 2008, as part of a plant expansion, the City of Valdosta upgraded their control system from a manual hardware-only system to a full SCADA system. The 5.7 mgd (\$36.4 million CMAR project included a 2.4 mgd expansion to 5.7 mgd) plant had no networking and very limited controls. Mr. Ubert designed the HMI/PLC system along with a new redundant fiber optic network using Allen-Bradley PLCs and Rockwell's RSVIEW. CDM Smith also provided all construction services including programming the entire system.

Senior Technical Reviewer, Jerry Sellers WRF Headworks and Odor Control Improvements Project, Cocoa, Florida, 2012. CDM Smith provided Preliminary design, final design, permitting, bidding services, and construction services for improvements to the 5 mgd WRF. Mr. Ubert provided project oversight and senior technical review as part of a team of technical reviewers for quality purposes and overall coordination between Automation, Electrical, and mechanical designs.

Senior Automation Reviewer, Injection Well Services for the Class I Grant Street WWTP Injection Well System, Melbourne, Florida, 2011. The City of Melbourne operates the Grant Street 5.5 mgd WRF, which as part of its facilities has a Class I injection well system to dispose of treated liquid effluent. In their evaluation of the operating data submitted with the Florida Department of Environmental Protection (FDEP) the data indicated that anomalous water quality trends may have been present in the samples collected from the deep monitor well. We evaluated the adequacy of the data collection and testing program. These conclusions led CDM Smith and the City to negotiate with the FDEP a remedial strategy including installing two new deep monitor wells. Mr. Ubert served as a senior automation reviewer for this project.

Lead Automation Designer, Water Reclamation Facility (WRF) Expansion, Ormond Beach, Florida, 2010. Mr. Ubert served as lead automation designer as well as providing technical services during the construction phase of this plant expansion from 6 to 8 mgd. During design, Mr. Ubert took 2 existing disparate control systems (Intellution iFix and Bristol Open Enterprise), and integrated these into a single homogeneous system. The owner had four different PLCs operating plant systems (Allen-Bradley SLC 500, Bristol ControlWave and older obsolete 33xx, Rockwell ControlLogix, and AMOCAMS). PLCs were either replaced or tied into the new HMI SCADA control system. The existing equipment/systems were integrated into the new control system, while maintaining plant operations.

Automation Technical Advisor, Application Engineering Services for Okaloosa County WRF, Okaloosa County, FL, 2007 - 2009 and 2016 (expansion). CDM Smith designed, constructed, and outfitted the new \$49M WRF. The design included a 2 stage BNR process with coarse bubble diffusers, aeration blowers, and dual channel UV system. Mr. Ubert, along with the CDM Smith automation group, designed and installed a complete SCADA system to support the operation and maintenance of the Arbennie Pritchett WRF. The SCADA system provides an intuitive computerized window into the plant operations. It consists of customized Allen-Bradley PLCs, industrial network equipment, personal computers, servers, and Wonderware HMI software. To provide a superior end result, the SCADA automation team leveraged many of the activities related to the 3D/4D design of the plant. Mr. Ubert provided automation oversight during construction of the new facility.

including senior review of programmable logic controller (PLC)/HMI programming, assistance with the computerized maintenance management system (CMMS) system, and general troubleshooting and panel installation coordination. *This project received a 2011 Design/Built Merit Award from the Design/Built Institute of America and earned two 2008 Bentley Empowered Awards of Excellence, which honor extraordinary achievements in improving and sustaining the world's infrastructure.*

Lead I&C Designer, Anion Exchange Treatment Process WTP 1A - Design Phase Services, Broward County, Florida, 2008. Mr. Ubert was part of a team of engineers that provided the design of an anion exchange system, to be blended with existing water disinfection systems. Mr. Ubert was responsible for the lead design of automation components during this project which included all instrumentation associated with the new anion system, incorporation of a new control scheme to blend the two water sources, an HMI/PLC design.

Instrumentation Specialist, Technical Troubleshooting Assistance, City-wide Wastewater System Improvements, Fort Lauderdale, Florida, 2007. Mr. Ubert provided technical troubleshooting assistance for one of the installed pump stations experiencing problems and causing damage to pumps/motors. He also provided problem analysis and solutions, which ultimately fixed the station.

Instrumentation Designer, West Wellfield and Raw Water Mains, Deerfield Beach, Florida, 2007. CDM Smith was retained to perform injection well and pump station design and construction services projects in several contracts at the city of Deerfield Beach's West WTP. The construction of the concentrate pump station, injection well, and dual zone monitor well was managed by CDM Smith. In addition to providing on-site resident engineering services, CDM Smith provided general construction services, including shop drawing review, construction coordination and scheduling, instrumentation programming, and operation and maintenance (O&M) start-up and training services. Mr. Ubert was the lead instrumentation designer and project manager for the AES services related to this project. The new well is programmed to provide flexibility and usage efficiencies for the client.

Instrumentation Specialist, On-Site I&C During Construction, Scott Candler 15 mgd WTP, DeKalb County, Georgia, 2007. The Scott Candler Water Filter Plant, located in DeKalb County, Georgia, is one of the largest water treatment plants of its kind in the southeastern United States. Mr. Ubert provided technical startup assistance when problems arose on this project during startup of the new SCADA system. He also provided direction to solve problems caused by disparate control systems within the plant and provided testing assistance, contractor oversight, and project close-out activities.

Lead I&C Designer, St. Augustine WTP Membrane Facility Addition, St. Augustine, Florida, 2006-2008. As lead I&C designer, Mr. Ubert provided upgrade design services to support a new membrane treatment process. He was responsible for the design of a new SCADA system, incorporating other plant functions, and provided a forward migration path for the overall plant SCADA system. The design included new instrumentation, computers, HMI software and hardware, controllers, and a new fiber optic communication backbone for the plant. Mr. Ubert also cross tied the old system to the new system.

Instrumentation Designer, Design Services for WTP, Dania Beach, Florida, 2009 - 2011. The City's 5-year capital improvements plan identified needed improvements at

their 3-mgd water treatment lime softening plant that has been in operation for over 40 years. The first phase of the improvements involved a 2-MG ground storage tank, five variable frequency drive high-service vertical turbine (can) pumps, and 7,850 linear feet of water distribution pipe ranging in size from 12-, 16-, and 20-inch ductile iron pipe. The water distribution pipe facilitated system looping and increasing pipe diameters to effectively convey water in an emergency situation. The water main design included one subaqueous directional drill installation with 14-inch diameter by 350 linear feet long high density polyethylene pipe and one bore and jack under the Florida East Coast railway of a 24-inch diameter steel casing. Mr. Ubert served as the lead instrumentation designer. Old electrical equipment was replaced with state-of-the-art equipment which communicated over DeviceNet to bring several new signals into the new SCADA system for reporting and improved controls for plant efficiency. During the project, old, obsolete communication equipment was replaced at two well sites and radio equipment was installed for monitoring and control.

Lead I&C Designer, Nanofiltration Treatment Process Gravity Filter Upgrade, Boca Raton, Florida, 2005. Mr. Ubert provided design documents to upgrade the existing, outdated control and monitoring hardware. He provided design on the new communications architecture and control sequences for filters and provided construction services, including, testing, troubleshooting, and overall system verification.

I&C Specialist, Water/Wastewater Treatment Projects, Various Locations. Mr. Ubert's project experience includes the Scott Candler 150 mgd water treatment plant in Atlanta (DeKalb County), which went online in September 2007; the Atlanta Rescue and Firefighters Training Facility for the DOA, completed at the end of 2008; the St. Augustine (Florida) water treatment plant reverse osmosis (RO) membrane addition, which went online at the end of 2008; the Boca Raton (Florida) gravity filter upgrade, which was completed in October 2008; the Hampton Roads Sanitation District solids handling improvements project and the Nansemond Regional Residuals facility in Suffolk, Virginia, which are ongoing projects; and a SCADA needs assessment in the city of Sanford, Florida, which was completed in January 2008.

Chief Engineer, Manufacturer of Control Panels for Water and Wastewater Industry, Apopka, Florida. Mr. Ubert was the engineering manager for Sta-Con Inc., an international manufacturer of control panels for the water and wastewater industries. He designed control panels for various industries, overseeing AutoCAD design engineers, assisting the city engineers with writing specifications and using new products and controllers to create better, more reliable control systems. He developed new control strategies and software code in Modicon and Allen-Bradley programmable logic controllers (PLCs) to do multiple pump control schemes. He trained staff in PLC programming languages and software products for human-machine interfaces (HMIs), including Allen-Bradley, Modicon, and Automation Direct. He created a test procedure for final testing and certification of control panels. He was also responsible for all testing of PLC/SCADA control-based panels before shipping. In addition, he was responsible for on-site start-up of PLC/SCADA control-based PLC systems, and modified and corrected existing drawings using AutoCAD 2007 Electrical.

Engineer and Partner, Turnkey Water and Wastewater Systems for Municipalities, Wauwatosa, Wisconsin. Mr. Ubert was an engineer and later a partner with

Kamp/Synergy LLC. The company served as a successful systems integrator for the water and wastewater industry, supplying turnkey systems to municipalities throughout the Midwest. Mr. Ubert worked with consulting engineers to design city-wide SCADA control systems.

Software/Hardware Engineer, System Design Solutions and Software Development for PLC Control. Mr. Ubert was responsible for providing system design solutions, writing software used for PLC control, communications, and HMI, as well as installation of PLC equipment, computer systems, and field instrumentation. He provided leadership and direction for the company and designed, programmed, and installed SCADA control systems for water/wastewater municipalities. Typical systems consisted of networked PCs in a central office environment connected to a city-wide SCADA system. PLCs included Allen-Bradley or Modicon processors. In addition, he developed and installed communication drivers written in C++ and Basic to exchange information between PLC processors using radio and/or phone line media.

Electrical Engineer, Control Systems for Plant Operations, Kenosha, Wisconsin. Mr. Ubert was an electrical engineer for Tri-Clover, an international manufacturer of stainless steel pumps, valves, and fittings for the food and pharmaceutical industries. He was responsible for providing control systems for plant operations, including process control and clean-in-place (CIP) systems. He designed, programmed, and installed process control systems for several food and pharmaceutical manufacturers. All control systems used Allen-Bradley SLC 5/X processors, as well as several styles of Panelview HMIs. He also installed PLC LANs within facilities and provided customer training for the systems.

Controls Engineer, Design, Development, and Testing of Industrial Automation Control Equipment, Elm Grove, Wisconsin. Mr. Ubert was a controls engineer for the Allen-Bradley - Government Business Division, a Division of Rockwell International, which produced system designs and solutions. He was responsible for the design, development, and testing of industrial automation control equipment, hardware and intelligent I/O logic code (PLC ladder logic, PLC Smart I/O modules, PID, Motion, etc.) for assigned customer projects. In addition, he worked on the design end of distributed control systems.

Professional Activities

Senior Member, International Society of Automation

Publications

Ubert, D. L. 5th Edition of the Instrument and Automation Engineers' Handbook, 2 chapters - "Conductivity and Field Effect Level Switches" and "Telemetry Systems".

Ubert, D.L. "Switchgear and Control Handbook" "PLC Control Systems" (chapter in college textbook published by McGraw-Hill, 1998).

Ubert, D.L. and S. Nutt. "Operation of Municipal Wastewater Treatment Plants Study Guide (Chapter 7)." Study guide published by the Water Environment Federation (WEF), 2007.

Ubert, D.L. "Design of Municipal Wastewater Treatment Plants." (MOP 8, Chapter 9 - Support Systems.) Published by McGraw Hill in cooperation with WEF, 2009.



Michael J. Graham, PE
Senior Applications Engineer

Mr. Graham has more than 20 years of experience as a control systems engineer. He is a mechanical engineer with experience in design, specification, and implementation of programmable logic controllers (PLCs), process control systems, programming, and instrumentation. His experience includes CAD-generated process and instrumentation diagrams (P&IDs), electrical, site layout, and computer configuration drawings for water/wastewater treatment facilities.

I&C Design Lead, Consent Decree Project 3.05 – North District WWTP, Secondary Clarifier Upgrades, WASD, Miami-Dade County, Florida. Most of the secondary clarifiers (SCs) at NDWWTP have developed significant corrosion problems and are well beyond their useful life. Mechanisms in SCs 3, 6, and 8 failed and became inoperable in early 2015 due to significant corrosion and erosion through their center columns. The electrical equipment and the control equipment associated with the secondary clarifiers have also reached the end of their service life. An emergency replacement project was implemented to address these failed units. The proposed upgrades for these facilities include upgrades to the mixed liquor flow splitting, secondary clarifier, and secondary effluent concrete piping rehabilitation. Mr. Graham is lead I&C design for the project.

I&C Design Lead, Consent Decree Project 1.09 – South District Wastewater Treatment Plant FOG Removal Facility, WASD, Miami-Dade County, Florida. The proposed modifications at the 112.5-mgd South District WWTP will provide improvements to the efficiency of operations associated with the processing of septage and grease. The modifications are specifically intended to reduce damage to the screens with a diversion structure to capture rocks upstream, address grit removal and FOG capture in the existing FOG Floating Tank, and help liquefy grease deposits on critical process components with the use of hot water delivery system for select areas of the facility. Mr. Graham is lead I&C design for the project.

I&C Design Lead, Consent Decree Project 3.02 – North District WWTP, Primary Clarifiers and Odor Control Upgrades, WASD, Miami-Dade County, Florida. The NDWWTP was originally constructed in 1978. This plant has a permitted capacity of 120 mgd and is a secondary level treatment facility. This project includes the rehabilitation and/or replacement of system components associated with the primary sludge pump stations, primary clarifiers, odor control systems, yard piping, and air ducts. Mr. Graham is serving as lead I&C designer.

Senior Design Engineer and Reviewer, SCADA Upgrade and Replacement, City of Tallahassee, Florida. CDM Smith is working with the City of Tallahassee to upgrade the current SCADA system. Mr. Graham was the senior design engineer and reviewer of the design which included approximately 150 RTUs consisting of pump stations, water towers, and well sites. The design replaced existing RTU controllers with new ControlWave processors and MDS/GE radios.

Applications Engineer, Puerto Rico Aqueduct and Sewer Authority (PRASA) – Automation Program, 2013. CDM Smith is working with the Puerto Rico to automate their water treatment plants. Their current human machine interface (HMI) is one of the

Education

BS - Mechanical Engineering,
University of Minnesota, 1991

Registration

Professional Engineer:
Louisiana (2015),
Mississippi (2014),
Kentucky (2013),
Tennessee (2012),
Florida (2010), and
Minnesota (2002)

largest installations of Wonderware and is currently under expansion to automate all water filtration plants (WFPs) on the island. Mr. Graham is responsible for automation design and project management of the automation program for PRASA which currently has 12 WFPs under construction, 56 in bidding, and 51 in design. Application services are also included and underway with the first 60 plants.

Applications Engineer, Puerto Rico Aqueduct and Sewer Authority (PRASA) – Telemetry Project, 2010. CDM Smith provided a standard monitoring and control telemetry panel and provided bid documents to implement this design for 160 pump and lift stations throughout the island. These panel installations were for sites difficult to reach with radio and were designed with cellular modems communication directly to PRASA's Wonderware Archestra supervisory, control, and data acquisition (SCADA) system. Mr. Graham provided design and project management including PLC program development for the standard pump/lift stations panels.

Applications Engineer, Elm Fork Water Treatment Plant (WTP) SCADA Upgrade, Dallas, Texas, 2008. CDM Smith supplied study, design, bidding, construction, start-up and applications engineering services for the replacement of two existing SCADA systems with one new system at the Elm Fork water treatment plant (WTP). The new SCADA system software consists of Intellution iFix human machine interface (HMI) software and runs on Windows 2003 server and XP platforms. Hardware is PC-based computers and servers. Modicon Quantum series PLCs were used for plant control and programmed using Unity-compliant software. Mr. Graham assisted with PLC programming and start up for the Filter building including automatic backwash sequences.

Applications Engineer, Bachman WTP SCADA Upgrade, Dallas, Texas, 2007. CDM Smith supplied applications engineering services for a replacement SCADA system at the Bachman WTP. The new SCADA system software consisted of HMI software; Intellution iFix, and runs on Windows 2003 server and XP platforms. Hardware is PC-based computers and servers. Modicon Quantum series PLCs were used for plant control and programmed using Concept software. Mr. Graham assisted with PLC and HMI programming and performed all field start up of the PLC and HMI screens.

Applications Engineer, Southside Wastewater Treatment Plant (WWTP) Process Control System Expansion, Dallas, Texas, 2007. CDM Smith led the programming and configuration effort for multiple automation contracts at the Southside WWTP. This project was designed to provide a significant expansion to the current system capabilities. CDM Smith's efforts consisted of developing over 200 process graphics, 150 pop-ups and 72 reports to support the 19 PLCs that were installed and programmed by various contractors. Mr. Graham assisted with PLC programming for the secondary flocculation process.

Instrumentation Design Engineer, Design Engineer and Construction Services, Metropolitan WWTP Process Control System Project – Phase 3, Minnesota, 2007. Mr. Graham was the instrumentation design engineer for process control system project phase 3 for the Metropolitan Council Environmental Services. Phase 3 has migrated the existing controls to the new process control system for the last three process areas which include flotation, sludge storage, and gravity thickening. Mr. Graham is continuing to provide construction services on this project.



Greg A. Czerniejewski, PE **Lead Automation Engineer**

Mr. Czerniejewski's primary responsibilities include instrumentation and control (I&C) design for water and wastewater treatment plants and providing application engineering services including the implementation and configuration of supervisory control and data acquisition (SCADA) system software, programmable logic controller (PLC) programming, and communications design and implementation, including HMI/SCADA communication drivers setup and testing, programming radio polling routines for licensed and spread spectrum radio systems, configuring switches and routers for Ethernet networks and implementation of fiber optic communications networks using Ethernet and various vendor specific protocols. I&C design work performed includes developing system architecture diagrams, process and instrumentation diagrams (P&IDs) and contract specifications for the SCADA and instrumentation equipment, as well as control narratives that supplement the P&ID drawings. He also provides general services during construction including shop drawing review, witnessed factory testing, functional demonstration testing and training.

Application Engineering Services

Instrumentation Engineer, Programming Services for the SR16 WWTP 1.0 MG Reuse Ground Storage Tank Project, St. John's County, Florida. Mr. Czerniejewski was responsible for application engineering services associated with the completion of the SR16 project. Due to lack of responsiveness from the systems integrator that was currently working on the projects, CDM Smith was contracted to complete the programming associated with the reuse upgrades at the SR16 WWTP that included a new reclaimed water ground storage tank, ground storage tank fill and return valves and control modifications to operate the reclaimed pumps at variable speed to maintain a system pressure set point. The reuse (wetland) pumps were programmed to fill the ground storage tank through the new fill valve when the WWTP influent flow exceeded what was being pumped to the reuse distribution and the ground storage tank return valve was programmed to open to return flow to the reclaimed pumps wet well when the WWTP influent flow was at low flow conditions. In addition, Mr. Czerniejewski completed the necessary edits to the RTUs at the SR16 WWTP to interface with the Reuse RSCS System programmed under a separate contract. These edits included the local selection of one of four modes of operation: Standby, Fill, Booster, and RSCS. All edits made at SR16 WWTP for the reuse and reclaimed water equipment (i.e. pumps, valves and ground storage tank) were replicated onto the County's Master Application at the SCADA1/SCADA2 server locations.

Instrumentation Engineer, Northwest Wastewater Treatment Plant (Phase I), St. John's County, Florida. Mr. Czerniejewski was responsible for application engineering services associated with the new NW WWTP (annual average daily flow - 3.0-mgd) for St. John's County. The greenfield plant is a 4-stage Bardenpho design and included the following processes: headworks, grit system, anoxic/aeration tanks, internal recycle pumps, aeration blowers, secondary clarifiers, RAS/WAS pumps, tertiary filters, UV disinfection, effluent transfer pumps (transfer to reuse storage tank), reclaimed water pumps (reuse water customers), on-site reuse pumps (plant water), sludge holding tanks

Education

BS - Electrical
Engineering,
Washington
University, St. Louis,
1991

Registration

Professional Engineer:
Florida (2001), North
Carolina, and South
Carolina

for WAS, BFP dewatering system, chemical systems (sodium acetate, alum, sodium hypochlorite, and polymer) and storage pond for off-spec water. He was responsible for the programmable logic controller (PLC) programming for the new PLCs (PLC1, PLC2 and PLC5) as well as communications routines for peer-to-peer communications between the Motorola PLCs and to retrieve data from the vendor supplied Allen-Bradley PLCs (Aeration Blowers, Belt Filter Press, and the UV system). Mr. Czerniejewski was also responsible for coordinating with CDM Smith's application engineer who was responsible for the VT SCADA human-machine interface (HMI)/SCADA programming and assisting with the configuration of the Modbus TCP OPC Server, used by the VT SCADA HMI software to communicate with the Motorola PLCs. Mr. Czerniejewski worked with the VT SCADA HMI application engineer to perform unwitnessed and witnessed factory testing at the system integrator's facility, demonstrating the programming to the Owner as well as providing operator training, on-site startup activities, troubleshooting, and final documentation.

Instrumentation Engineer, Programming Services for the Master Reclaimed Water Control System, St. John's County, Florida. Mr. Czerniejewski was responsible for application engineering services associated with the Reuse RSCS (Remote Supervisory Control System) that manages the reclaimed water being sold to reuse customers for irrigation including the Slammer & Squire (S&S) Golf Course in the World Golf Village Complex and residential neighborhoods. The system included monitoring and control of the reclaimed water pumps at the two WWTPs (NW WRF and SR16 WWTP) as well as two Ground Storage Tank / Booster Pump Station sites (Turnbull and NW Reuse & Flushing) and the S&S Golf Course Valve (Future project will add a valve to the King & Bear (K&B) Golf Course). Programming included peer-to-peer communications routines to allow the central RTU controller to receive status information from the two WWTPs, the two Tank/BPS sites and the valve sites. It also included the logic to take the received status information and make automated decisions to place the remote sites into one of three modes of operation (Standby, Fill, or Booster) when the site was in RSCS Mode. Once the decision was made to put a site into a mode of operation, it remained in that mode until the RSCS logic received updated status information to request a different mode of operation. The operator could also take the remote site out of RSCS Mode and force the site into Standby, Fill or Booster modes of operation. The site would remain in that mode of operation until changed again by the operator. Mr. Czerniejewski also provided application engineering services to finish the Turnbull, NW Reuse & Flushing, and Slammer & Squire RTU projects (these projects were originally started by another systems integration firm). Services provided at those remote sites included correction of analog value scaling so that the local operator interface set points matched the set points at the VT SCADA graphics and adding the VT SCADA graphical interface for the Slammer & Squire Golf Course Valve monitoring and control. All of the VT SCADA edits made at SR16 WWTP for the Reuse RSCS system including the equipment connected to the SR16 WWTP, Turnbull and NW Reuse & Flushing RTUs were replicated onto the County's Master Application at the SCADA1/SCADA2 server locations. In addition to programming the VT SCADA graphics and Motorola RTUs, Mr. Czerniejewski provided operator training, on-site startup, troubleshooting and final documentation.

Instrumentation Engineer, Puerto Rico Aqueduct & Sewer Authority (PRASA) T.O. 85
- Plant Automation Services, San Juan, Puerto Rico. Mr. Czerniejewski assisted with

application engineering services associated with the PRASA Plant Automation Services project which automated over 100 facilities (WTP, WWTP, Pump Stations, etc.) throughout the island of Puerto Rico. He was specifically responsible for adding custom application programming to the base programs that were at the 70% stage of programming in order to take them to the 90% stage of development (i.e. ready for field start-up). Facilities for which Mr. Czerniejewski was responsible for this programming included Las Barranquitas Filtration Plant and Indiera Alta Filtration Plant. In addition, he provided witnessed factory testing services to assist the HMI/SCADA System Supplier with testing of the HMI graphics for the Almirante Sur and Hatillo Camuy Water Filtration Plants.

Instrumentation Engineer, Mud Creek Water Pollution Control Plant (WWTP) Improvements, Valdosta, Georgia. Mr. Czerniejewski was responsible for application engineering services associated with the Mud Creek WPCP Improvements Project, which increased the plant's treatment capacity from 3.2-mgd to 5.7-mgd (peak flow: 17.1-mgd) by adding a new treatment train. The East Train included a new headworks with mechanical bar screens, grit system (grit vortex drive, grit pump, grit classifier), two aeration basins with internal recycle pumps, three aeration blowers, two clarifiers, four RAS/WAS pumps (including WAS valve for wasting), three new filters, UV system and four plant water pumps. He was responsible for the programmable logic controller (PLC) programming for the new PLCs (PLC1, PLC3 and PLC4) as well as communications routines to retrieve data from the vendor PLCs provided for the aeration blowers, the filters and the UV system. Mr. Czerniejewski was also responsible for coordinating with CDM Smith's application engineer who was responsible for the human-machine interface (HMI)/SCADA programming and for re-configuring the operator interface terminal (OIT) application for more efficient use of the OIT's memory. Other tasks performed by Mr. Czerniejewski were operator training, on-site startup activities, troubleshooting, and assistance with the configuration of the new Influent and Effluent samplers to pace off of the new flow meters.

Instrumentation Engineer, Landfill Gas to Energy (LFGTE) SCADA, Buncombe County, North Carolina. Mr. Czerniejewski was responsible for application engineering services associated with the Buncombe County Landfill Gas To Energy SCADA system, which monitors data from the vendor supplied PLCs for the Gas Conditioning Skid and the 1.4 MW Generator. As part of the Construction Management at Risk (CMAR) contractor team, he assisted with the specification and purchase of the SCADA hardware and software required for the project including the SCADA Server, the Historian Server, Intellution iFIX HMI/SCADA software, iHistorian software, XL Reporter software, and WIN-911 alarm notification software. Mr. Czerniejewski was responsible for configuring all of the software packages, creating the monitoring graphics, programming the real-time and historian databases for data collection and setting up the WIN-911 software to call the LFGTE supervisor on critical alarm conditions. In addition, he programmed the MDS INET-II radios to create a point-to-point wireless Ethernet link between the Administration Building and the LFGTE equipment site and configured XL Reporter to generate daily reports that roll up into monthly reports that are used for Carbon Credit Reporting to the Climate Action Reserve. He provided start-up, troubleshooting and training services to the client throughout the project.

Instrumentation Engineer, Johnson Controls Battery Recycling Center Wastewater Treatment Facility (WWTP), Florence, South Carolina. Mr. Czerniejewski was

responsible for the application engineering services associated with the Johnson Controls Wastewater Treatment Facility at the new Battery Recycling Center in Florence, South Carolina. This design-build project involved programming an Allen-Bradley CompactLogix PLC in the Main Control Panel along with programming an Allen-Bradley PanelView Plus Series 6 Operator Interface Terminal (OIT) as the main operations interface with the PLC. Graphic displays were developed for all of the major processes including the Wastewater Collection System, Roof Drain Stormwater System, Stormwater Reuse Pumping, Process Wastewater Pump Station, Screenings and Pretreatment Pumps, Rapid Mix Tank, Flocc Tank, Filter Feed Pumps, Chemical Feeds and Sludge Handling System. In addition, communications routines were programmed into the PLC to monitor data at the two package filtration systems (duplex filter system for the roof drain stormwater and triplex filter system for the process wastewater). Mr. Czerniejewski provided final start-up and troubleshooting on the project.

Instrumentation Engineer, Deerfield Beach West Water Treatment Plant (WTP) Improvements (Phase I), Florida. Mr. Czerniejewski was responsible for application engineering services associated with the West WTP Improvements Project, which added two reverse osmosis (RO) skids to the existing system. He was responsible for the programmable logic controller (PLC) programming for the new PLC (PLC5) as well as associated programming modifications to the existing PLCs (PLC2, PLC3 and PLC4). The PLCs were a mixture of Siemens S7-400 Series CPUs (Model S7-417H and S7-414H). The PLC programming was accomplished with Siemens STEP7 V5.4. Mr. Czerniejewski was also responsible for coordinating with CDM Smith's application engineer who was responsible for the Intellution Proficy iFIX human-machine interface (HMI)/SCADA programming. The Siemens PLCs communicated to the SCADA Servers over a fiber optic Industrial Ethernet network, utilizing KEPServer I/O Servers for the S7 Ethernet protocol.

Instrumentation Engineer, Deerfield Beach West WTP Improvements (Phase II), Florida. Mr. Czerniejewski was responsible for application engineering services associated with the Phase II upgrades at the West WTP. Tasks included in the Phase II upgrades included the configuration of fault tolerant Siemens Industrial Ethernet communications links and modification of the peer-to-peer communication routines to prevent plant shutdowns due to loss of communications with the Master Radio PLC (PLC2). To enable the fault tolerant features of the Siemens Ethernet Network, Mr. Czerniejewski utilized the STEP7 NetPro software to modify the communications partners from standard S7 connections to S7 fault tolerant connections and modified the STEP7 Hardware Configuration of each PLC to use Industrial Ethernet addressing (MAC Addresses) in lieu of TCP/IP addresses. In addition, he was responsible for adding pop-ups to the HMI graphics to monitor the status of the fault tolerant communications links, upgrading the HMI graphics to iFIX 5.0 using the new graphics standards developed on Phase I, re-tuning the flow loops and chemical loops on the Nano-Filtration skids to improve performance and modifying the controls of the existing NF skids to include some of the performance enhancements added to the new RO skids.

Instrumentation Engineer, Deerfield Beach West Wellfield Improvements, Florida. Mr. Czerniejewski was responsible for the application engineering services related to programming the Siemens S7-314 PLC for RTU No. 22, which controls two new Biscayne Wells (No. 22 and No. 23) and one new Floridan Well (FA-2). PLC Programming modifications were also made to the PLCs at the West WTP, including the modification of

the existing radio polling routine (written by the previous systems integrator) to establish Modbus RTU communications with RTU No. 22, modifying the existing Nano-Filtration Skid Sequencing logic to enable the use of the new Biscayne Wells to provide feed water to the skids, modifying the existing Reverse Osmosis Skid Sequencing logic to enable the use of the new Floridan Well to provide feed water to one skid or both skids simultaneously. Mr. Czerniejewski also provided start-up assistance to the systems integrator to perform I/O checkout and to the VFD start-up technician to verify all parameters were configured correctly in the drives. In addition, he performed control panel modifications to the Remote I/O cabinet where the new diversion valves would be wired and directed the electrician on how to terminate the wiring in the Remote I/O cabinet and in each valve.

Instrumentation Engineer, Kingsport Wastewater Treatment Plant (WWTP)

Improvements, Tennessee. Mr. Czerniejewski was responsible for the application engineering services associated with the Kingsport WWTP Improvements Project. This included modifying the PLC programs at the Raw Water Pump Station, the Intermediate Pump Station, the Blower Building, Digester No. 1 and No. 2, and the Dewatering Building. It also included new PLC applications for Digester No. 3 and the RAS/WAS Pump Station. The application engineering services also included modifying the existing RSVIEW32 graphics to provide monitoring and control for the new programming at the existing PLCs and adding graphics for the new processes at Digester No. 3 and the RAS/WAS Pump Station. In addition, Mr. Czerniejewski re-designed the original System Architecture, which blended new fiber optic communications with the city's existing Ethernet radios, in order to upgrade the entire communications network to fiber optic Ethernet by using existing conduits that had been abandoned from a plant-wide intercom system. By removing the Ethernet radios that had intermittent communications failures, the new design improved the stability of the city's SCADA network and also provided greater PLC troubleshooting flexibility by moving from half duplex radios to full duplex fiber optics.

Instrumentation Engineer, SCADA System Upgrade for Water Facilities, Bryan, Texas.

Mr. Czerniejewski was responsible for the application engineering services that were provided to install a new HMI/SCADA workstation utilizing iFIX HMI/SCADA software and Siemens 200 Series and 300 Series PLCs for the 14 RTUs in the system, located at the 8 well sites, well field booster pump station, 3 elevated storage tanks and 2 high pressure pump stations. One of the main challenges was configuring the redundant MDS 9790 radio to operate as a repeater station to establish radio communications to the 14 RTUs. In addition, Mr. Czerniejewski wrote the custom radio polling routine utilizing Siemens' CP341 communications processor and downloadable Modbus RTU Master protocol supported by the module.

Instrumentation Engineer, Lift Station SCADA, Orange County, Florida.

Mr. Czerniejewski performed application engineering services for the Orange County lift station SCADA system in Orlando, including Siemens S7-216 PLC programming for all RTUs on the project. Four RTU program types were developed (Type 1, 2, 3 and 4) which included programming for flow calculation via float switch activation, pump runtimes, pump start counts, and pump start/stop control. He was responsible for witnessing/performing the factory acceptance testing of the RTU control panels. He also configured SCADA computer redundancy and provided installation of Master Radio equipment/cables at the Orange County Communication Center.

Instrumentation Engineer, Water Department Emergency Control System Modifications, San Francisco, California. Mr. Czerniejewski was responsible for application engineering services associated with the San Francisco Water Department emergency modifications required at the Harry Tracy Water Treatment Plant. He developed 20 graphic screens, linked the screens to the database, developed historical trends, configured the Ethernet module for the PLC, configured the Ethernet driver for the HMI software package, and performed in-house testing of the system. Mr. Czerniejewski also assisted in configuring a 7-node TCP/IP Ethernet network for the plant. During the factory acceptance test, he assisted the system integrator in resolving problems with the PLC redundancy system.

Instrumentation Engineer, Wastewater Treatment Plant Improvements, Norman, Oklahoma. For the City of Norman's wastewater treatment plant, Mr. Czerniejewski was responsible for application engineering services, including developing control narratives based on the instrumentation design documents, assigning input/output (I/O) addresses for the HMI/SCADA database, converting the existing PLC ladder logic for use in the new redundant PLCs, modifying the existing PLC ladder logic for consistency with the standards developed for the new ladder logic, writing new PLC ladder logic per the control narratives, configured/programmed the PLC Redundancy module, performing in-house testing, performing the factory acceptance test as a team effort between CDM and the system integrator, and providing startup services for the HMI and PLC software. Mr. Czerniejewski also trained the plant operators on the use of the new computer system and trained the plant supervisors on operation and maintenance of the software including the security configuration of the HMI and the functionality of the reporting software.

Instrumentation Engineer, Lift Station, Norman, Oklahoma. Mr. Czerniejewski performed application engineering services for the West Side lift station project for the City of Norman, including Siemens TI545 PLC programming, HMI graphic configuration, HMI database additions/modifications, Siemens OP27 operator interface configuration including communications setup, onsite startup activities, and onsite electrical design modifications during startup. He also provided OP27 training for the client and provided final documentation of all programming and configuration.

Automation Design Services

Instrumentation Engineer, Reidsville WTP and WWTP Improvements, North Carolina. Mr. Czerniejewski was the lead I&C engineer for the design of the instrumentation at the Reidsville WTP and WWTPs. Improvements include upgraded flow monitoring, improved raw water valve control, chemical feed flow monitoring and PLC programming logic to flow pace the chemicals to meet a PPM set point entered by the operator. Other improvements include monitoring of pH and Chlorine Residual on each filter as well as a combined filtered water turbidimeter and an online continuous monitor/analyzer for measuring total organic carbon (TOC). The WWTP improvements include installation of a powdered activated carbon (PAC) feeder to better control the addition of PAC at the aeration basins splitter box, aeration blower upgrades for more efficient operations and automatic dissolved oxygen control in the aeration basins, solids handling equipment and effluent chlorine residual monitoring to improve the operator's ability to add chemicals for dechlorination. Both plants are being designed with SCADA upgrades to replace the existing National Instruments Lookout Direct software that was

running on Windows XP workstations with Trihedral's VT SCADA software running on Windows 7 servers and Industrial PCs (which will be used as Operator Interface Terminals at the PLC Control Panels). Web server technology was also designed into the system to push real-time data to the City's Public Works Director via read-only web pages. In addition to web page, read-only views of the graphics, the system was designed to take advantage of the mobile data feature of the VT SCADA software, deploying the graphics via Wi-Fi to the Owner's tablets and smart phones. This project has been bid and is under construction, where Mr. Czerniejewski has been responsible for answering the contractor's requests for information and for reviewing the shop drawing submittals for the Division 13 equipment supplied by the systems integrator, as well as aspects of the Division 11 shop drawing submittals related to the automation design.

Prior to CDM Smith

Instrumentation Engineer, NYPD MOSCAD System Improvements, New York City, New York. Mr. Czerniejewski provided project management and application engineering services to upgrade the NYPD SCADA workstations at their three main monitoring locations – PSAC1, PSAC2 (NYPD Headquarters) and QES (Queens Electronics Shop). In addition, Mr. Czerniejewski was responsible for Motorola MOSCAD RTU programming changes and testing for the addition of two new Infrastructure monitoring locations at Elmhurst Hospital in Queens and the New York State Police Tower in Staten Island. The Infrastructure monitoring locations provided Main/Standby Base Station control to the radio operators as well as alarm and monitoring for Harris channel banks, LaMarche battery banks, radio comparators for selecting the strongest radio signal, and the status of the microwave links that are the backbone of the NYPD communications system. Other responsibilities included the addition of new Base Station RTUs and ensuring the three radio hubs were configured to receive the information from the new RTUs and were configured to synchronize their data on a radio hub change that occurred automatically every 8 hours.

Instrumentation Engineer, South Rowan Water Improvements, Salisbury, North Carolina. Mr. Czerniejewski provided project management and application engineering services for a new Allen-Bradley SLC5/04 Control Panel at the new Booster Pump Station as well as Motorola MOSCAD telemetry systems for the three cities buying water from the City of Salisbury – China Grove, Landis and Kannapolis. He was responsible for obtaining the 900 MHz licensing for all three MOSCAD telemetry systems, for programming the MDS 9710 radios and for coordinating the programming with the integrator for China Grove to ensure their Allen-Bradley RTUs provided the correct information to the City of Salisbury's Motorola RTUs. He also worked with the City's 800 MHz Trunking Radio System engineers to link the 900 MHz RTU data to the City's 800 MHz radio telemetry system.

Mr. Czerniejewski configured the Motorola RTU at the Booster Pump Station to employ an Allen-Bradley DF1 protocol to pass data between the SLC5/04 PLC and the RTU instead of hard wiring the signals in order to provide greater remote monitoring and control capabilities to the city's SCADA System. In addition, he provided all modifications the existing IFIX SCADA graphics at the WTP for monitoring the Booster Pump Station and the valve vaults where the purchased water is delivered to the three cities.

Professional Activities

Member, International Society of Automation

**CDM
Smith**

Member, American Water Works Association

Member, North Carolina American Water Works Association-WEA Association; Chair – Automation Committee

Presentations

Czerniejewski, G. A. "Reading P&IDs and Crafting SOP's." Presented at North Carolina AWWA-WEA Spring Conference, Wilmington, North Carolina, March 2011.

Czerniejewski, G. A. and M. Wessel "Working Session: Creating SOP's using P&ID's." Presented at North Carolina AWWA-WEA Spring Conference, Wilmington, North Carolina, March 2011.

Czerniejewski, G. A. "Better Than A Daily Visit: SCADA Solutions To Enhance Remote Operation and Control of Well Sites." Presented at North Carolina AWWA-WEA Annual Conference, Raleigh, North Carolina, November 2010.

Czerniejewski, G. A. "Using Cascade Controllers to Improve Pump Station Control." Presented at North Carolina AWWA-WEA Spring Conference, New Bern, North Carolina, April 2009.

Czerniejewski, G. A. and Dickinson, Don "How Do I Secure My Critical Infrastructure? – Cyber Security Guidance That is Available." Presented at South Carolina Environmental Conference (SCEC), Myrtle Beach, South Carolina, March 2014.

Czerniejewski, G. A., "Be Proactive Rather Than Reactive – Automation Preventative & Predictive Maintenance." Presented at North Carolina Water Operators Association (NCWOA) Maintenance Seminar, February 2014.



Michael J. Cahill, PE, LEED® AP BD+C

Lead Electrical Engineer

Mr. Cahill has 12 years of experience in power distribution design and construction services for environmental, industrial, and commercial facilities. He provides all aspects of power distribution design and construction service including medium and low voltage distribution design, electrical master planning, short circuit and protective device coordination studies, arc flash hazard evaluations and mitigation, LEED® building certification and design services, and construction services. His experience includes water and wastewater treatment plants, solid waste facilities, water and wastewater pumping stations, industrial and chemical facilities, commercial buildings, and facilities design.

Electrical Engineer, St. Johns County NW WWTP, 2015 to 2016. Mr. Cahill provided the construction services for the NW WWTP facility including site inspections, RFI's, shop drawing reviews, and client meetings. Mr. Cahill assisted with a number of client directed changes such as addition of an administration building. Equipment consisted of a 480-volt switchgear, 1500kw generator, and various 480 volt distribution equipment.

center, 1000kw generator, and ancillary distribution equipment.

Electrical Engineer of Record, Kingsport SCADA Improvements, 2016 to Present. 2017. Mr. Cahill provided the electrical design and construction services for the Kingsport, TN complete SCADA upgrade. Project consisted of evaluating NFPA 820 hazardous areas, evaluating existing devices and instruments, testing existing conductors, and providing new distribution equipment and conductors as required for SCADA upgrades.

Electrical Engineer, Franklin, TN SCADA Improvements, 2014 to Present. Mr. Cahill provided the electrical design and construction services for the Franklin, TN complete SCADA upgrade. Project consisted of evaluating NFPA 820 hazardous areas, evaluating existing devices and instruments, testing existing conductors, and providing new distribution equipment and conductors as required for SCADA upgrades.

Electrical Engineer, Puerto Rico, PRASA Automation, 2010. Mr. Cahill was a team member providing electrical design services for automating the existing water treatment plants throughout . Mr. Cahill provided services at 26 different facilities, which were primarily manually operated. Services including providing new distribution equipment to the instruments, devices, and motorized valves as required to automate the facilities.

Electrical Engineer, Broward County Master Meters Improvements, 2015 to Present. Mr. Cahill provided the electrical design and construction services to upgrade Broward County's Master Sewer Meters at various locations throughout Broward County. Electrical design included NFPA 820 evaluation, new distribution and SCADA equipment, and conductors to various instruments as required for the upgrades.

Electrical Engineer, JEA Mandarin UV Improvements, 2015 to 2017. Mr. Cahill provided the electrical design and construction services. Equipment consisted of a new building, 480-volt distribution switchboard, and capabilities for adding redundancy to the reuse and UV system in the future.

Electrical Engineer, Trail Ridge Landfill, 2015 to 2016. Mr. Cahill provided the electrical design and construction services. The project consisted of two separate 480-volt service

Education

BS – Electrical Engineering,
University of
Central Florida,
2005

Registration

Professional
Engineer: Florida
(2010), Tennessee

Certifications

Leadership in
Energy and
Environmental
Design Accredited
Professional
Building Design +
Construction
(LEED® AP BD+C)

drops, in addition to preparation for build out of future services for leachate pump stations.

Electrical Engineer, Arc Flash Hazard Analysis SJCUD, Ongoing. Mr. Cahill provided arc flash analysis for St. John's County's existing water treatment plants, wastewater treatment plants, and lift stations. Arc Flash Hazard analysis consisted of modeling, analysis, labeling, recommended arc flash mitigation, and generating reports.



Timothy G. Wiley, PE Lead Automation Engineer

Mr. Wiley is an automation engineer with more than 20 years of experience in the design, development, and integration of automation systems. He has experience in multiple programmable controller platforms, human machine interface (HMI) packages, variable frequency drives, and network equipment. He has been involved with the overall design, building, installation, commissioning, and documentation of automation systems for several different industries including water treatment, automotive, and medical manufacturing. He has supervised field installers, electricians, and technicians, and managed in-house pilot-lines and process development teams. His technical software skills include Studio 5000, RSLogix 500, FactoryTalk View, and VTScada. His technical hardware skills include Rockwell and Siemens PLC/PACs, HMIs, VFDs, and MCCs; Siemens industrial PCs; Siemens SCALANCE switches; and Fortinet firewall appliances.

CDM Smith Projects

HMI Development, Programming Services for the Master Reclaimed Water Control System, St. John's County, Florida. Mr. Wiley assisted with the development and deployment of modifications to the HMI systems for the Reuse RSCS (Remote Supervisory Control System) that manages the reclaimed water being sold to reuse customers for irrigation. The Reuse RSCS includes monitoring and control of the reclaimed water pumps at the NW WRF and SR16 WWTP, the two Ground Storage Tank / Booster Pump Station sites of Turnbull and NW Reuse & Flushing, and the S&S Golf Course Valve.

HMI Development, Programming Services for the SR16 WWTP 1.0 MG Reuse Ground Storage Tank Project, St. John's County, Florida. Mr. Wiley was responsible for HMI and OIT development and corrections associated with the completion of the SR16 project. Due to lack of responsiveness from the systems integrator that was previously working on the projects, CDM Smith was contracted to complete the programming associated with these projects at SR16 WWTP that included a new reclaimed water ground storage tank, ground storage tank fill and return valves and control modifications to operate the reclaimed pumps at variable speed to maintain a system pressure set point. The reuse (wetland) pumps were programmed to fill the ground storage tank through the new fill valve when the WWTP influent flow exceeded what was being pumped to the reuse distribution and the ground storage tank return valve was programmed to open to return flow to the reclaimed pumps wet well when the WWTP influent flow was at low flow conditions. In addition, the WWTP Overview graphic was modified to provide a more representative view of the new controls for the reuse and reclaimed pumps.

HMI Development, Northwest Wastewater Treatment Plant (Phase I), St. Johns County, Florida. Mr. Wiley developed the HMI used for operations control of the new wastewater reclamation facility for St. Johns County. The greenfield plant is a 4-stage Bardenpho design and included the following processes: headworks, grit system, anoxic/aeration tanks, internal recycle pumps, aeration blowers, secondary clarifiers, RAS/WAS pumps, tertiary filters, UV disinfection, effluent transfer pumps (transfer to reuse storage tank), reclaimed water pumps (reuse water customers), on-site reuse pumps (plant water), sludge holding tanks for WAS, BFP dewatering system, chemical systems (sodium acetate, alum, sodium hypochlorite, and polymer) and storage pond for off-spec

Education

B.S. - Electrical Engineering, Rose-Hulman Institute of Technology, 1993

Registration

Professional Engineer: Florida, 2015

water. This HMI was developed using Trihedral's VTScada software package. Mr. Wiley worked with the PLC application engineer to perform unwitnessed and witnessed factory testing at the system integrator's facility, demonstrating the programming to the Owner. Mr. Wiley was also on-site during plant startup to support automation system setup, test, configuration, and troubleshooting.

Automation Support, Jerry Sellers Water Reclamation Plant, Cocoa, Florida. Mr. Wiley leads the ongoing automation support for this facility including updates and modifications to five in-plant Rockwell PLCs, over 50 remote field-based Motorola RTUs, and the overall VTScada HMI system. This 4 MGD plant utilizes a Bardenpho design.

Control Network and HMI Development, Anuvia Plant Nutrients, Zellwood, FL. Mr. Wiley developed the HMI for operational control of this one-of-a-kind fertilizer production facility. This development was done in Siemens WinCC as part of a Siemens PCS7 system. Mr. Wiley also deployed and setup the control system server workgroup. This isolated network also included configuration of a Fortigate 60D firewall appliance and a site-to-site VPN for remote access by an ERP system to mine historical data from the process historian. Mr. Wiley also worked on-site with the electrician and instrumentation installers to deploy, test, and troubleshoot the PROFIBUS DP/PA control network.

Automation Installation Lead, JR Simplot Process Water Treatment and Return Plant, Caldwell, Idaho. Mr. Wiley lead the efforts to install and start up the automation system for this new process water treatment facility. He worked closely with the construction managers, process development team, vendor equipment manufacturers, and operators to ensure proper system operation and specification compliance. Mr. Wiley installed, modified, tested, and corrected programmable logic controller (PLC), HMI, and operator interface terminal (OIT) programming for the plant's supervisory control system.

HMI Development, Jerry Sellers Water Reclamation Plant, Cocoa, Florida. Mr. Wiley developed a replacement HMI system for this wastewater facility. The new system uses the version 11.1 of Trihedral's VTScada software package.

Automation Support, P113 Advanced Water Treatment Plant (WTP), Camp Pendleton, California. In support of installation and start-up activities for this new advanced water treatment plant, Mr. Wiley provided critical services for the supervisory, control and data acquisition (SCADA) upgrade and development as well PLC programming.

Automation Team Member, PRASA Water Filtration Plant Upgrades, Puerto Rico. As part of an island-wide SCADA upgrade project, Mr. Wiley has supported software development and testing for upgrades to over 30 water filtration plants on the island of Puerto Rico. Additionally, Mr. Wiley provided support to field installation teams during start-up activities.

Instructor, Introduction to Allen-Bradley SLC500 Control Systems, Orlando, Florida. Mr. Wiley facilitated a training class for a client's maintenance team. This class introduced the team to the Allen-Bradley SLC500 family of controllers and gave them a foundation on which to build an ongoing capability to service and maintain this type of equipment at their facility.

Prior to CDM Smith

Automation Lead, Magellan 3 High Speed Assembly Machine, DeLand, Florida.

Mr. Wiley led the automation efforts to take an assembly machine which had been installed but was not operating to specifications to be production ready. This included extensive automation redesign, new control panel design, build, and installation, scheduling, performance tracking, and validation support.

Installation and Start-up Management, Project Victoria High Speed Syringe Assembly Machine, Norfolk, Nebraska. Mr. Wiley led the team that installed, started up, and qualified the operation of a 450-ppm syringe assembly machine. This included project timeline management and personnel scheduling. Mr. Wiley was also the automation lead during machine start-up.

Automation Team Member, Magellan Pilot Line, DeLand, Florida. Mr. Wiley designed, developed, and helped to build several assembly process machines used to create a low-speed pilot line for a new product launch.

Automation Lead, Top Coat Line, Automotive Alliance Inc. (Mazda), Flat Rock, Michigan. Mr. Wiley designed new software and control panels for an upgrade to the electrostatic top coat line for the paint shop at this Mazda automobile assembly plant. The project included working closely with Mazda paint engineering personnel and managing two other automation team members during project design, development, and installation.

Automation Lead, Paint Delivery System, Plastic Omnium, Anderson, South Carolina. Mr. Wiley designed, programmed, helped build, and installed the automation for a new paint delivery system for this manufacturer of bumpers for BMW vehicles. This project included extensive work with the general contractor and system designers to ensure project success.

Professional Activities

Member, International Society of Automation

Publications

Alcala, F. and Wiley, T. "Common Pitfalls that Affect Water and Wastewater Instrumentation, Control and Automation Systems." 2012 Water/Wastewater and Automatic Controls Symposium, Orlando, Florida, August 2012.



Francisco Alcala, PE Senior Automation Engineer

Mr. Alcala is an automation engineer with experience in design and integration of automation and instrumentation systems for water, wastewater, oil, gas, and the beverage industry with a focus on field instrumentation, supervisory control and data acquisition (SCADA) systems, PLC programming, DCS integration, fieldbus network, application development, and automation best practices. His experience includes design, integration, consulting, commissioning, and project management.

Lead System Integration for Anuvia to Fertilizer Project, Zellwood Florida Facility, 2015 – 2016. As lead programmer for the Siemens PCS7 system, Mr. Alcala provided integration, programming, commissioning, and startup services on this project. The system included the integration of more than 15,000 data points and 800 loop controls.

Lead Senior Automation Designer, PTAR, Canoas, Colombia, 2015 – 2016. For the automation and instrumentation design of the wastewater treatment plant (WWTP) in Canoas, Mr. Alcala provided project overview and participated in tasks including instrumentation and control (I&C), design, and consulting services. The WWTP was designed with a capacity of 305 mgd.

Fieldbus Network Designer, Anuvia Fertilizer Project, Zellwood Florida Facility, 2014 – 2015. Mr. Alcala managed the design and services during construction of a Siemens PROFIBUS Network. The network covered 498 field devices in a redundant PROFIBUS and PLC architecture for a 160,000-square-foot process area.

Services During Startup, City of Pomona SCADA Upgrade Project, Ontario, California, 2013. Mr. Alcala provided service during project startup for the upgrade of the Archestra Wonderware SCADA System.

System Integrator/Services During Construction, Plant Automation Program Services During Construction, Puerto Rico Aqueduct and Sewer Authority (PRASA), San Juan, Puerto Rico, 2012 – 2014. This project entailed the automation of 17 water filter treatment plants with capacities from one to 20 mgd. Mr. Alcala provided service during construction as well as system integrator services for the development of the standard programmable logic controller and human machine interface (PLC/HMI) application. He used various control hardware and software including distributive control by GE PLC CPU310/ QP View; GE Proficy Machine Edition; distribute control under Allen Bradley Platform using Controllogix, Compaclogix, and micrologix/RSlogix 5000, RSlogix500; integration to distribute control under Automation Directs PLCs using Prosoft Modbus transmission control protocol (TCP) and remote terminal unit (RTU) gateways/DirectSoft 5 and Prosoft Configuration tools; and integration of standard application to Archestra Wonderware HMI.

System Integrator, Automation Program, PRASA, San Juan, Puerto Rico, 2011 – 2012. For the automation of 32 water filter treatment plants with capacities from one to 100 mgd, Mr. Alcala provided system integrator services for the development of the standard PLC/HMI application. He used the following control hardware and software distributive control by GE PLC CPU310/ QP View using GE Proficy Machine Edition; distribute control

Education

MS – Operations
Management, El
Instituto de
Estudios
Superiores de
Administración
(IESA)
Venezuela-
Caracas, 2001

BS – Electrical
Engineering,
Universidad de
Oriente
Venezuela, 1992

Registration

Professional
Engineer: Florida
(2015)

under Allen Bradley Platform using Controllogix, Compaclogix, and micrologix/RSlogix 5000, RSlogix500; Integration to distribute control under Automation Directs PLCs using Prosoft Modbus TCP and RTU gateways/DirectSoft 5 and Prosoft Configuration tools; and integration of standard application to Archestra Wonderware HMI.

Project Designer, Replacement of Surface Aerator for Diffuse Aeration System, Key West, Florida, 2010. Mr. Alcala led the design, general services, and commissioning for the automation of a diffuse aeration system for the WWTP.

I&C Manager, PRASA Start-Up Phase Telemetry Project, San Juan, Puerto Rico, 2009. Mr. Alcala provided project management services for the start-up phase of this project. The project involved the integration of 150 lift stations in Puerto Rico to the main SCADA system located in San Juan.

Programmer and Integrator, SCADA Upgrade for Largo Biosolids Facility Programmable Logic Controller (PLC), Largo, Florida, 2008. Mr. Alcala was in charge of PLC programming and SCADA integration for the upgrade of the control system panel to handle the complete biosolids process.

Instrumentation Consultant, Design-Build for the Water Reclamation Facility, Okaloosa County, Florida, 2007. Mr. Alcala had the responsibility of instrumentation specification and was consultant for the architecture design.

Instrumentation Designer, Upper Occoquan Sewage Authority (UOSA) Collection System Telemetry, Centreville, Virginia, 2007. Mr. Alcala was part of the team in charge of I&C design and shop drawing review.

Organge County, Telemetry System, Orlando, Florida, 2007. Mr Alcala was responsible for the modification during startp of telemetry site (Lift station) controlled by Siemens PLC S7-300 and developing IFix applications at the central station.

System Integrator, Deerfield Beach Injections Wells, Deerfield Beach, Florida, 2007. Mr Alcala was responsible for the modification the PLC programming of a high availability Siemens PLC S7-400 to include the control of two injection wells programming S7 at PLC level and developing IFix applications.

Prior to CDM Smith

Project Manager, Installation of Flow Computers and Flow Stations. Venezuela, 2006 – 2007. Mr. Alcala was project manager for this automation project where he was responsible for the installation of 40 flow computers and 17 flow stations for oil production.

Project Manager, Standardization for Emergency Shutdown of Gasoline Plants, Maracaibo, 2006 – 2007. Mr. Alcala was project manager for the standardization and automation emergency shutdown under SIL II for 10 distribution gasoline plants.

Project Engineer, Business Development for Gas Custody Transfers, Caracas, 2004 – 2005. Mr. Alcala provided business development support for custody transfer of industrial consumer business development of billing for industrial gas consumers of PDVSA using the Flow Computer CF3000.

Project Engineer, Integration of Prosoft Device for Programmable Logic Controller, San Tome, Venezuela, 2005 – 2006. Mr. Alcala integrated a Prosoft device for hart, modbus protocol for a programmable logic controller (PLC) in oil wells production.

Project Engineer, Integration of Prosoft Flow Computer, San Tome, Venezuela, 2005 – 2006. Mr. Alcala integrated a Prosoft flow computer for oil gas lifts and natural flow production

Project Engineer, Integration of 29 PLCs, San Tome, Venezuela, 2004 – 2005. Mr. Alcala integrated 29 PLCs, which handle compressor units using iFix.

Project Engineer, Automation of Distributed Control System. Maracalbo, Venezuela, 2003 – 2004. Mr. Alcala automated a distributed control system (DCS) for fire, gas, and electrical shutdown under SIL II using ControlLogix 5000.

Project Engineer, Conceptualization of Hardware and Software for Flow Computer, Various Locations, 2001 – 2002. Mr. Alcala prepared the conceptualization of the hardware and software component for Flow Computer CF3000 developed for the Intelcon System.

Lead Project Engineer, Automation of Storm Water Control for Refinery, Maturin, Venezuela, 2001 – 2002. Mr. Alcala automated rain water control for a refinery using PLC 5 and RSlogix 5, and integrating it to RSVIEW.

Project Engineer, Development of a Reporting Application, Barinas, Venezuela, 2000 – 2001. Mr. Alcala created a report application using Lotus Notes, Fix Dynamics and OPC application developed in Visual Basic

Project Manager, System Instrumentation Supplier for the Automation Reclamation Water Facility on San Tomé Production Plant, Venezuela, 2000 – 2001. Mr. Alcala was the discipline leader for the design and construction of new wastewater plant for the production of reclamation water to be use on the oil production.

Project Engineer, Automation of Oil Well Test Using Fix Dynamics, Barinas Venezuela, 1999 – 2000. Mr. Alcala automated an oil well test using Fix Dynamics, SLC 500 and Visual Basic applications to integrate OPC connections to Lotus Notes.

Project Engineer, Integration of SCADA System for Gas Line, Chile, Argentina, 1997 – 1999. Mr. Alcala integrated a SCADA system for a gas line between Argentina and Chile. This was programmed in Object Automation and SLC 500.

Project Engineer, Automation of Mill for Brew and Fermentation, Maracalbo, Venezuela, 1996 – 1997. For a brewery, Mr. Alcala automated a mill for brew and fermentation involving Clean In Process (CIP), carbonization and a water treatment system using ET200, Simatic S5 over a Siemens PLC 115U and SCADA FIX 32.

Lead Project Engineer, Automation Water Treatment Plant in a Brewery, 1995 – 1996. Mr. Alcala automated a whole water treatment plant in a brewery using ET200, Simatic S5 over Siemens PLC 115U, PLC 95U and SCADA FIX 32.



Nicole C. Mellin

Automation Support

Ms. Mellin is a junior automation engineer proficient in generating automation design documentation for water, wastewater, and communications projects. She develops "intelligent" Process and Instrumentation Diagrams (P&IDs) using Bentley AutoPLANT V8i and AutoCAD 2014/2015. Her responsibilities during the design process comprise of drafting, plotting, file management, Human Machine Interface (HMI) programming, Supervisory Control and Data Acquisition (SCADA) programming, programmable logic controller (PLC) programming, and applications support. Other responsibilities include interdisciplinary coordination and cross checking, as well as preparation of design documents including specifications. During construction, she reviews shop drawing submittals, Requests for Information (RFIs), Operations & Maintenance manuals (O&Ms), and attends Witness Factory Tests (WFTs).

Instrumentation Engineer, Programming Services for the Master Reclaimed Water Control System, St. John's County, Florida. CDM Smith was selected to lead programming efforts for the Master Reclaimed Water Control System programming which included programming multiple sites tying to one Reuse Overview screen. Ms. Mellin provided programming in Trihedral's VTScada to develop the HMI overview screen to be used for monitoring and operational control of the pump stations, ground storage tanks, and actuated valves. Ms. Mellin received her VTScada Level 1 Operation & Configuration Course certification in April of 2016 working with VTScada version 11.2. She also has experience version 10.1.14 and 10.2.20.

Instrumentation Engineer, Western Cary Elevated Storage Tank and Booster Pump Station, Town of Cary, North Carolina. Ms. Mellin is currently serving as instrumentation engineer for the Town of Cary's Western Cary Elevated Storage Tank and Booster Pump Station. The preliminary improvements identified during the model evaluation include a new 2-MG elevated storage tank, a 3-mgd pump station, approximately 6,400 feet of 16- and 20-inch diameter waterline, and modification/installation of approximately 16 pressure zone connections.

Instrumentation Engineer, Landfill Truck Scale Expansion, Mecklenburg County, North Carolina. Ms. Mellin is currently serving as instrumentation engineer for the design of two new above-ground truck scales with all appurtenances, including scale foundations, ramps, aprons, digital scale indicators, remote displays, vacuum tubes, waste management kiosks, and traffic signals. Additional civil design aspects of the project which provided improvements to the scale house operations at the landfill included traffic control, asphalt paving, and a water service line.

Instrumentation Engineer, T.E. Maxson Wastewater Treatment Plant Biogas Handling System Upgrades, Memphis, Tennessee. Ms. Mellin is currently serving as instrumentation engineer for the T.E. Maxson facilities, which are currently in the process of updating their existing biogas system that generates an average 3,024,000 cfd. This project has included developing biogas pressure drop calculations, writing and editing technical specifications, and drafting and red-lining civil, mechanical, and demolition drawings.

Education

BS - Electrical
Engineering,
University of South
Carolina, 2015

Instrumentation Engineer, Cliffside Landfill Phase II, Cliffside, North Carolina.

Ms. Mellin is currently serving as instrumentation engineer for the permitting, design, and construction for phase II of the 86-acre CCP landfill. CDM Smith completed a wide range of tasks in support of this multi-phase project including reviewing and evaluating several properties as potential landfill sites; completing the site suitability permitting for the entire 86-acre site that was selected; preparing and submitting the construction plan application for Phase I (23-acre) and Phase II (15-acre) areas; supporting the client in the bid evaluation process and providing full-time inspection and administration services during construction. The construction plan applications required preparation of a design hydrogeologic report, water quality monitoring plan, engineering drawings and specifications, construction quality assurance plan, erosion and sediment control plan, and an operations plan.

Instrumentation Engineer, Kingsport Tennessee SCADA Master Plan Project, Kingsport, Tennessee. CDM Smith was selected to design a SCADA Master Plan to provide a standardized, coordinated integration path for improving the current monitoring and control systems in place. Ms. Mellin was involved in the on-site facility and SCADA system site inspection. Throughout the design preparation of the SCADA Master Plan, she completed research for recommendations and alternative upgrades to the PLC, HMI, Communications, and Reporting options. Ms. Mellin assisted in writing the Final SCADA Master Plan document incorporating the conditions assessment of the existing PLCs, OITs, HMIs, historians, reporting and communications; explaining the recommendations, integration, and prioritization plan; developing the beginnings of a Standards guidelines and criteria; developing a preliminary engineer's opinion of cost and developing an overall project planning level schedule.

Instrumentation Engineer, Potts Ave. Elevated Storage Tank, High Point, North Carolina. CDM Smith was selected to construct a 1.0 MG elevated potable water storage tank which included developing Process and Instrumentation Diagrams (P&IDs) with the associated valves, instrumentation and controls, and other appurtenances. Ms. Mellin provided drafting and design assistance for the senior engineer's design, control strategy, and instrumentation. She also coordinated with process mechanical and electrical disciplines throughout the design preparation of instrumentation drawings and details, specifications, and control narratives.

Instrumentation Engineer, Brown and Williams WTP Residuals, Durham, North Carolina. CDM Smith was responsible for the design of the instrumentation and controls, which included Process and Instrumentation Diagrams (P&IDs) for equalization tanks, pump stations, clarifiers and gravity thickeners to convey and thicken the settled solids, backwash and filter-to-waste process streams as well as P&IDs for the dewatering system for both the Brown and Williams WTP. Ms. Mellin provided drafting assistance for the system architecture, process flow diagrams (PFDs), and various P&IDs as well as coordination among disciplines to achieve a cohesive design. Other responsibilities included development of RFP as well as developing and editing the specifications, control narratives, and instrument installation details.

Instrumentation Engineer, Reidsville WWTP & WTP Improvements, North Carolina. CDM Smith was responsible for the design of the instrumentation and controls at the Reidsville WWTP & WTP. Ms. Mellin's tasks included reviewing the conformed drawings

for requests for information, reviewing and commenting on shop drawing for both the WWTP and WTP, reviewing and commenting on O&Ms, and attending and running the Factory Acceptance Test (FAT) for both the WWTP and WTP.

Instrumentation Engineer, CD 1.08 South District WWTP Dewatering, Miami-Dade County, Florida. CDM Smith was responsible for the design of the updates to the current out dated Sludge Thickening and Dewatering processes at the South District Wastewater Treatment Plant. Ms. Mellin assumed the role as junior automation designer, assisting senior engineers to produce a detailed set of Process and Instrumentation Diagrams (P&IDs) using Client standards. The P&IDs included for both the thickening and dewatering processes, WAS feed pumps, polymer feed pumps & make-up, centrifuges and pumps, sludge pumps, cake storage, and biofilters and collection sumps.

Professional Activities

Member, American Water Works Association

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: CDM Smith Inc.

Attachment "2-D"

LIST OF PROPOSED SUB-CONTRACTORS

Each Respondent shall provide any and all subcontractors or major materials suppliers proposed to perform any portion of work specified herein. Attach Brief comprehensive resumes, including any and all licenses/certifications held. All proposed subcontractors are subject to approval by the County.

DIVISION OF WORK

Not applicable

NAME AND ADDRESS OF SUBCONTRACTORS

Section 3

Section 3

Experience with SCADA System Services

This section provides the narrative that CDM Smith has successfully completed three projects in the past three years for SCADA System Services.

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: CDM Smith Inc.

Attachment "3-A"

PROJECT EXPERIENCE
(Completed within past 3 years)

- 1. Name of Project:** Please see attached project narrative

Project Description: _____

Owner Name: _____

Contact Name, Title: _____

Phone # & Email Address: _____

Dollar Value of Project: _____

Completion Date of Project: _____

- 2. Name of Project:** Please see attached project narrative

Project Description: _____

Owner Name: _____

Contact Name, Title: _____

Phone # & Email Address: _____

Dollar Value of Project: _____

Completion Date of Project: _____

- 3. Name of Project:** Please see attached project narrative

Project Description: _____

Owner Name: _____

Contact Name, Title: _____

Phone # & Email Address: _____

Dollar Value of Project: _____

Completion Date of Project: _____

Attachment 3A

Project Experience

The following is a list of projects completed within the last 3 years that highlight our applicable experience as it relates to the St. Johns County SCADA System Services.

1. Name of Project: Northwest WWTP Phase I – 3.0 MGD AADF

Project Description: The greenfield plant is a 4-stage Bardenpho design and includes the following processes: headworks (common influent channel, band screen, washer/compactor), grit system (grit vortex chamber, two grit pumps, grit classifier), two anoxic/aeration tanks, two internal recycle pumps (per tank), five aeration blowers, two secondary clarifiers, RAS/WAS pumps (three RAS, two WAS; all five can be used for RAS or WAS via valving), two tertiary filters, UV disinfection, three effluent transfer pumps (transfer to reuse storage tank), three reclaimed water pumps (reuse water customers), three on-site reuse pumps (plant water), sludge holding tanks for WAS, BFP dewatering system, chemical systems (sodium acetate, alum, sodium hypochlorite, and polymer), and storage pond for off-spec water.

CDM Smith provided programmable logic controller (PLC) programming for PLC-1 (RTU401; located in the Electrical Building), PLC-2 (RTU402; located in the Blower Building), and PLC-5 (RTU405; located in the Admin Building) using Motorola's System Tool Suite (STS) V17.60, which has since been upgraded to V19.50. The CPUs in each of the RTUs have been upgraded from firmware V17.00 to V19.00 as well. CDM Smith provided the HMI/SCADA programming using VT SCADA V10.2.20, creating graphics for visualization, collecting real-time data via a Modbus TCP communications driver, configuring historical data collection for trending and reporting, etc. for the Motorola RTUs already mentioned, as well as the vendor-supplied PLCs in the Blower MCP, UV Control Panel and BFP Control Panel. The vendor-supplied PLCs are Allen-Bradley CompactLogix and VT SCADA HMI is programmed to utilize a separate Ethernet/IP communications driver to retrieve data from the Blower MCP and the BFP Control Panel. The UV Disinfection PLC information is converted to Modbus TCP via a 3rd Party module compatible with the CompactLogix PLC System. The VT SCADA application at the NW WWTP was also replicated to the County's Master VT SCADA Application that resides on the SCADA1/SCADA2 servers, which also provides web access to supervisors and engineering staff via secure login using a VT SCADA Internet Client license.

CDM Smith scope of work included PLC/RTU programming, HMI/SCADA programming, witnessed factory testing, on-site startup and troubleshooting, operator training, and final documentation.

Owner Name: St. Johns County, FL

Contact Name: Scott Trigg, Chief Engineer – Capital Projects

Phone # & Email Address: (904) 209-2622, strigg@sjcfl.us

Dollar Value of Project: \$25.8 M

Completion Date of Project: November 2016

2. Name of Project: Programming Services for the Master Reclaimed Water Control System

Project Description: The County reclaims treated wastewater at the NW WWTP and SR16 WWTP to be sent to reuse customers for irrigation. Remote site infrastructure was added through several small projects to provide local controls and monitoring at SR16 WWTP (addition of a new Ground Storage Tank, Ground Tank Fill Valve and Ground Tank Return Valve), Turnbull (Ground Storage Tank and Booster Pump Station), NW Reuse & Flushing (Ground Storage Tank and Booster Pump Station) and the Slammer & Squire Golf Course Pond (Pressure Sustaining Valve).

CDM Smith provided the Master Reclaimed System Programming Services to automate the management of reuse water for its reuse customers. Each of the remote site locations (NW WWTP, SR16 WWTP, Turnbull, NW Reuse & Flushing and Slammer & Squire) can be placed into one of four modes of operation: Standby, Fill, Booster or RSCS (Remote Supervisory Control System). When placed into RSCS Mode, the automated logic that was added under this project provides the monitoring and control of the reuse system. Programming included peer-to-peer communications routines to allow the central RTU controller to receive status information from the two WWTPs, the two Tank/BPS sites and the valve sites. It also included the logic to take the received status information and make automated decisions to place the remote sites into one of three modes of operation (Standby, Fill, or Booster) when the site is in RSCS Mode. Once the decision is made to put a site into a mode of operation, it remains in that mode until the RSCS logic receives updated status information to request a different mode of operation. The operator can also take the remote site out of RSCS Mode and force the site into Standby, Fill or Booster modes of operation. The site would remain in that mode of operation until changed again by the operator.

CDM Smith also provided application engineering services to finish the Turnbull, NW Reuse & Flushing, and Slammer & Squire RTU projects (these projects were originally started by another systems integration firm). Services provided at those remote sites included correction of analog value scaling so that the local operator interface set points matched the set points at the VT SCADA graphics and adding the VT SCADA graphical interface for the Slammer & Squire Golf Course Valve monitoring and control.

The scope of work utilized Motorola STS V17.60 for the SR16 RTUs (RTU100 – Admin Building, running V16.00 firmware; RTU200 – Electrical Building, V13.00 firmware) and STS V19.50 for the NW WWTP RTUs (RTU401 – Electrical Building; RTU405 – Admin Building; V19.00 firmware), the Turnbull RTU (RTU5001, V16.00 firmware), the NW Reuse & Flushing RTU (RTU5002, V16.00 firmware) and the S&S RTU (RTU17, V19.00 firmware). The VT SCADA programming at SR16 utilized V10.1.14. After completing the

VT SCADA programming at the SR16 WWTP, the software was replicated to the County's Master Application at the SCADA1/SCADA2 server locations.

CDM Smith scope of work included PLC/RTU programming, HMI/SCADA programming, on-site startup and troubleshooting, operator training, and final documentation.

Owner Name: St. Johns County, FL

Contact Name: Teri Pinson, County Engineer

Phone # & Email Address: (904) 209-2604, tpinson@sjcfl.us

Dollar Value of Project: \$195,059

Completion Date of Project: August 2017

3. Name of Project: Programming Services for the SR16 WWTP 1.0 MG Reuse Ground Storage Tank Project

Project Description: The County reclaims treated wastewater at the NW WWTP and SR16 WWTP to be sent to reuse customers for irrigation. Remote site infrastructure was added through several small projects to provide local controls and monitoring at SR16 WWTP (addition of a new Ground Storage Tank, Ground Tank Fill Valve and Ground Tank Return Valve), Turnbull (Ground Storage Tank and Booster Pump Station), NW Reuse & Flushing (Ground Storage Tank and Booster Pump Station) and the Slammer & Squire Golf Course Pond (Pressure Sustaining Valve).

CDM Smith was contracted to complete the programming associated with the reuse upgrades at the SR16 WWTP that included the logic to send reclaimed water to the ground storage tank through the new fill valve, and to return reclaimed water from the tank to the reclaimed pumps' wet well during low plant flow conditions. CDM Smith provided control modifications to operate the reclaimed pumps at variable speeds to maintain system pressure based on a specific set point. All edits made at SR16 WWTP for the reuse and reclaimed water equipment (i.e., pumps, valves, and ground storage tank) were replicated onto the County's Master Application at the SCADA1/SCADA2 server locations.

CDM Smith scope of work included PLC/RTU programming, HMI/SCADA programming, on-site startup and troubleshooting, operator training, and final documentation.

Owner Name: St. Johns County, FL

Contact Name: Teri Pinson, County Engineer

Phone # & Email Address: (904) 209-2604, tpinson@sjcfl.us

Dollar Value of Project: \$32,579

Completion Date of Project: August 2017

4. Name of Project: Jerry Sellers WRF HMI/SCADA Upgrades

Project Description: The Jerry Sellers Water Reclamation Facility is an existing 4.5 MGD biological nutrient removal (BNR) facility that received several improvements in 2012, including: conversion of the vertical shaft mixers to submersible mixers in the fermentation, first anoxic and second anoxic basins, replacement of existing centrifugal aeration blowers with variable speed turbo blowers and adding magnetic flow meters on the internal recycle pumps to improve IR control. These processes are controlled by five in-plant Rockwell Automation (Allen-Bradley) PLCs that communicate with the VTScada HMI/SCADA software for graphical visualization, real-time data retrieval, historical data collection for trending and reporting, etc. In addition, the WRF is equipped with a Motorola ACE3600 FIU that communicates via conventional radio to over 50 remote field-based Motorola RTUs which are a combination of MOSCAD, MOSCAD-L and ACE 3600 hardware.

CDM Smith provided application engineering services to upgrade the City's older version of VTScada v9 to V11.1. This included reconfiguring the VTScada application to remove the third party proprietary layer that resulted in the final upgraded product being an open source solution so that the City has options when they require modifications to their HMI/SCADA software, such as performing future version upgrades and the addition of new PLCs and RTUs to their system.

Owner Name: City of Cocoa, FL

Contact Name: Don Stevens, Superintendent

Phone # & Email Address: (321) 433-8739, rstevens@cocoafl.org

Dollar Value of Project: \$262,000

Completion Date of Project: May 2015

Section 4

Section 4

Project Approach

CDM Smith provides a narrative that describes proposed approach, capabilities, and methods in performing the project services.

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: CDM Smith Inc.

Attachment "4-A"

PROJECT APPROACH

CDM Smith's proposed project approach narrative is attached.

Attachment 4-A

Project Approach

Under the provisions of a continuing contract for SCADA support services to be provided to the St. Johns County Utility Department (SJCUD), CDM Smith and our project team have the local knowledge and familiarity with County projects as well as the national expertise to meet and exceed SJCUD's expectations on a variety of tasks ranging from RTU programming, HMI development, and radio path studies and analysis, to process startup related assignments and training. In addition, CDM Smith has local and national resources to quickly assist SJCUD for each project assignment that may vary in complexity and include elements encompassing instrumentation and control programming, field instrumentation, and array of support engineering disciplines. SJCUD owns and operates 8 wastewater and 8 water treatment plants, including 347 lift stations.

Although the projects to be completed under the SCADA support services may vary, our project approach is consistent in the application of fundamental elements focused on providing the highest level of client service. These elements consist of the following:

- Assignment of an experienced, accessible, and dedicated project manager
- Establishment of open and collaborative communication with the client
- Integration of appropriate technical experts
- Reliance on the resources and vast experience of the firm on similar projects
- Effective use of project controls to ensure budget, schedule, and quality management compliance
- Strong relationships with vendors who serve SJCUD

Because each project is unique, these fundamental practices provide our team the framework for delivering accurate work products with the highest level of client service possible. CDM Smith has employed this strategy consistently since we began work with SJCUD in 1990.

As evidenced by our performance on previous work assignments with the County, SJCUD can be reassured that CDM Smith stands behind its work.

CDM Smith's successful project delivery will encompass the support from our technical experts and previous project expertise with SJCUD.

Our client service success arises from our adherence to the same process and project delivery elements to ensure the consistency of high value and responsive service that our clients expect and receive. Every project assignment starts with the same first step – project development with the client. During this step, the project manager and technical members of the SCADA service team will work with the client to generally define the project scope, objectives, deliverables,

schedule, and budget. Staffing the project with the right team of local staff supported by technical experts from across the country is very important to our success as a firm. We believe that, at this stage, we position ourselves alongside our clients for project success.

Our successful project delivery approach is largely due to the professionals who work for the firm and their commitments to each project to which they are assigned. Each individual member of our project team takes personal responsibility to support the success of each project. The project manager, as well as all the project team members, also has access to several internal tools and information management systems that promote monitoring of project costs, budgets, and schedule on a weekly basis. These computer-accessible tools greatly improve our ability to successfully and efficiently manage project activities. CDM Smith's application engineering services are an integral component of the delivery of our Automation solutions. It is such an important part of our portfolio of services that most of our Automation Engineers have backgrounds in process design and system integration to ensure that the engineers performing the programming have a full understanding of how the process should operate, as well as having the ability to troubleshoot the software, hardware, and field instrumentation to solve problems with the overall system. Our automation professionals not only have access to our local process design engineers, but also have immediate access to our firm's experts across the country to assist with complex process design and control concepts. This ability to access professionals with diverse engineering disciplines and backgrounds sets us apart from our competition, and allows us to serve our clients with innovative solutions.

Project Schedule

The overall success of a project is often dependent on our ability to execute the scope within the time constraints agreed upon during our project development. When project time constraints are met, overall project costs can be controlled. We spend time up front to develop detailed project schedules for anticipated work in conjunction with the client to 1) identify milestones and progress review dates; 2) determine external time constraints and to improve capital finance management and cash flow; and 3) clearly delineate the work activities and need for input from the client.

CDM Smith's successful project delivery is achieved by the support from our technical experts and dedicated project managers, as well as previous project experience with the SJCUD and other clients. CDM Smith is dedicated to meeting SJCUD's schedule. This was demonstrated on the SR16 Wastewater Treatment Plant (WWTP) programming services project, where SJCUD tasked CDM Smith with troubleshooting the instrumentation and controls for a system installed by another integrator, resolving issues with the installed system, and bringing the system online within 2 weeks. ***SJCUD had full use of the system before the 2-week deadline!***

CDM Smith has also partnered with St. Johns County to utilize WebEx to remotely connect to the SCADA workstations to make modifications to the VT SCADA and Motorola RTU applications. SJCUD's IT department made the remote access easy to use while limiting its use to sessions initiated by SJCUD, thereby preventing unauthorized access to their SCADA applications. This partnership has been extremely productive and convenient by allowing quick access to CDM Smith engineers for troubleshooting and minor edits to the programming, as was demonstrated during the startup and implementation of the Reuse RSCS system. As this partnership continues,

this tool will provide the County with a larger pool of resources, as CDM Smith employs Automation staff in several offices around the country including Orlando (FL), Dallas (TX), Walnut Creek (CA), Chicago (IL), Raleigh (NC), Fairfax (VA) and our corporate office in Boston (MA). ***In addition to the ability to make edits via WebEx, CDM Smith can assemble our team of Automation engineers at an SJCUD facility on a relatively short notice due to our Orlando office being located within a 2-hour drive of St. Johns County.***

Local Project Management Team

Mr. Victor understands the high expectations for project accuracy and client service SJCUD expects from its engineering consultants. As such, he remains intimately involved with the project assignments for SJCUD. In addition to this level of involvement, he engages staff in projects at the project management level that are committed to getting the project completed and meeting the same high expectations for client service that SJCUD deserves. ***Project Manager David***

Rasmussen, P.E. will be supported by Lead Automation Engineers Greg Czerniejewski, P.E. and Timothy Wiley, P.E., who will play important roles as individual task leaders for tasks that may be assigned by SJCUD.

Each understands project expectations from our previous work with SJCUD and the project delivery process in place at CDM Smith to execute work assignments and each member of our team has shown their dedication and commitment to SJCUD during these projects. Our lead automation engineer, Mr. Czerniejewski has received high praise from SJCUD staff for his work on the reuse supervisory control system project.

"Greg is so thorough, easy to work with and to communicate with. He has been a key factor in the success of starting our pressurized reuse system up." – Teri Pinson, SJCUD Project Manager

Client Involvement and Communications

We understand the importance of early client involvement and communications while performing work assignments under this contract. We believe in the appropriate use of workshops and progress meetings that facilitate open, collaborative communication to assist in expediting work and ensuring that solutions not only solve problems, but also meet client expectations for costs, schedule, regulatory approvals, technical complexity, and operation and maintenance requirements. ***When new tasks are assigned, we will develop control narratives based on our understanding of the scope of work and will meet with SJCUD to review and refine the narratives before beginning our programming.*** If control narratives have been developed prior to CDM Smith's involvement, we will review the narratives and schedule a collaborative workshop with SJCUD to ensure proper understanding of the scope, and to provide an opportunity to make revisions to the proposed control scheme. We come to workshops and meetings fully prepared with an agenda of items, delivered in advance to key stakeholders, to ensure that everyone's time is used efficiently, and our meetings disseminate the information required by all team members. This work plan will allow us to successfully deliver any periodic progress reports, final reports, and presentations to the County.

Project Tools and Software

CDM Smith equips each of our offices with an extensive information technology infrastructure consisting of high speed connections and computer equipment. Each employee is provided computer hardware and a complete suite of software necessary to perform our work with the highest efficiency. This suite of software includes Microsoft Office tools, project management tools, radio path software, Motorola STS (System Tool Suite), VTScada software, and a variety of other software tools. CDM Smith has access to Motorola's support website, Motorola Online, for all software upgrades. CDM Smith also has obtained all versions of STS software since we are involved with SJCUD projects as well as other client projects using Motorola/VTScada products, V17.50 through V20.60. This enables the CDM Smith technical team to develop the control logic in the office for most RTUs that are deployed in the SJCUD SCADA system, allowing our engineers to perform critical preliminary factory testing prior to startup and commissioning. For RTUs that have been programmed with earlier versions of the STS software, CDM Smith could use the installation files from SJCUD (to program the RTU applications in the office), or perform the programming onsite using software already installed on the VTScada workstations/Engineering Workstation located at the Northwest Water Reclamation Facility. All applications will be deployed using one of the County's workstations per SJCUD standards.

CDM Smith has a very strong relationship with Trihedral and is a registered VTScada Certified Advanced System Integrator, which provides us access to all the versions of VTS software available on their FTP site. For any versions that were created specifically for SJCUD, CDM Smith would use the installation files from SJCUD (NOTE: CDM Smith has already received installation files from SJCUD for VTS V10.1.14, which is not accessible from the Trihedral website).

In addition, CDM Smith has already partnered with SJCUD to perform programming edits via the County's WebEx remote access. This tool has proved to be an invaluable resource that can continue to serve the County well by reducing site visit costs to perform minor programming edits as well as providing the County with access to our entire application engineering services team around the country that supports SJCUD when needed.

Schedule and Budget Control

We have developed several computer programs to enhance our project managers' ability to monitor and control project schedules and budgets. Each project's schedule and budget is established through a Project Management Plan (PMP) at the time of enrollment. The PMP process establishes the initial tools for effective project and quality management. On a weekly basis, the project manager is provided information to compare actual expenses to budget in each specific task in the project.

We developed the Project Information System, or PRISM, to improve project management. PRISM is an integrated management information system centered on the Oracle Project Accounting system to improve efficiency. These are the basic tried and proven tools for effective project management at CDM Smith that will benefit SJCUD through delivery of our projects efficiently, on time, and within budget. CDM Smith recently improved upon these tools with new applications to enhance data availability, and to quickly view and access project data regarding schedule and budget. We will continue to use these improved project controls throughout our involvement with SJCUD.



Section 5

Section 5

Quality & Schedule Control

CDM Smith provides a narrative that describes our project management quality and schedule control methods.

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: CDM Smith Inc.

Attachment "5-A"

QUALITY & SCHEDULE CONTROL

CDM Smith's Quality and Schedule Control narrative is attached.

Attachment 5-A

Quality & Schedule Control

Managing Quality

Quality management is an integral and mandatory component of each project undertaken by CDM Smith. All work performed by the CDM Smith team under this contract will be conducted using our thorough, proven Quality Management System. This is the essential foundation for the execution of any CDM Smith project and consists of two parts: quality assurance and quality control. Quality assurance consists of the written procedures that drive quality. These quality assurance procedures also require a standardized review process, including technical review and functional acceptance testing.

Quality control is the system for verifying that the quality assurance procedures are being implemented. Quality control activities are the actual checking and validation of the work product at every stage of its development. These critical activities include internal reviews and control programming verification. The quality assurance plan includes document control and a communications plan. Our team will coordinate with regulatory agencies as required early in the project to receive necessary approvals.

The quality assurance plan will include document control and a communications plan.

CDM Smith shall provide the following quality procedures, where applicable:

Operator Interface

- Submit a draft of all proposed graphic displays to be added as part of the project, examples of each type of pop-up displays, and examples of trends. For those graphics that will be duplicated more than once for similar type of equipment, submit the graphics for the first equipment only.
- Submit a ready-for-testing version of the graphic displays with all review comments incorporated.
- Obtain comments from stakeholders, incorporate comments, and provide a checkpoint to verify comments have been incorporate appropriately.

Controller Programming

For each controller, submit the following using the controller manufacturer's built-in printing functions:

- Electronic submission of Adobe® Portable Document Format ("pdf") files in lieu of paper submittals. Review will be for general program organization, appropriate level of documentation, and overall compliance of programming standards (basic pump and valve control, for example).

- PLC programs showing ladder logic, function block, high level language, or other controller language used. Include individual rung, network, and/or command descriptions with abundant comments to clearly identify function and intent of each code segment. Each logic segment shall be clearly presented, the function of each component described, the purpose of each subroutine call labeled and defined, etc. Program documentation shall be sufficiently clear to allow determination of compliance with the process control requirements included in the control descriptions and with the drawings. The submittal shall demonstrate that all logic provided under this project follows the same structure and format and reflects a common programming approach.
- Submit a memory usage report for the controller. This report shall indicate total memory capacity and unused memory capacity.
- Submit cross reference index of I/O allocation and controller memory address. Every physical I/O point as well calculated or virtual I/O required for the implementation of the process scheme shall be included.
- Submit details of control system communication. Submit a "memory map" or other means showing which signals are exchanged between PLCs. Also submit an HMI tag database showing all signals exchanged between the PLCs and HMI. Any specific communication block memory addresses shall be defined.

Field Startup

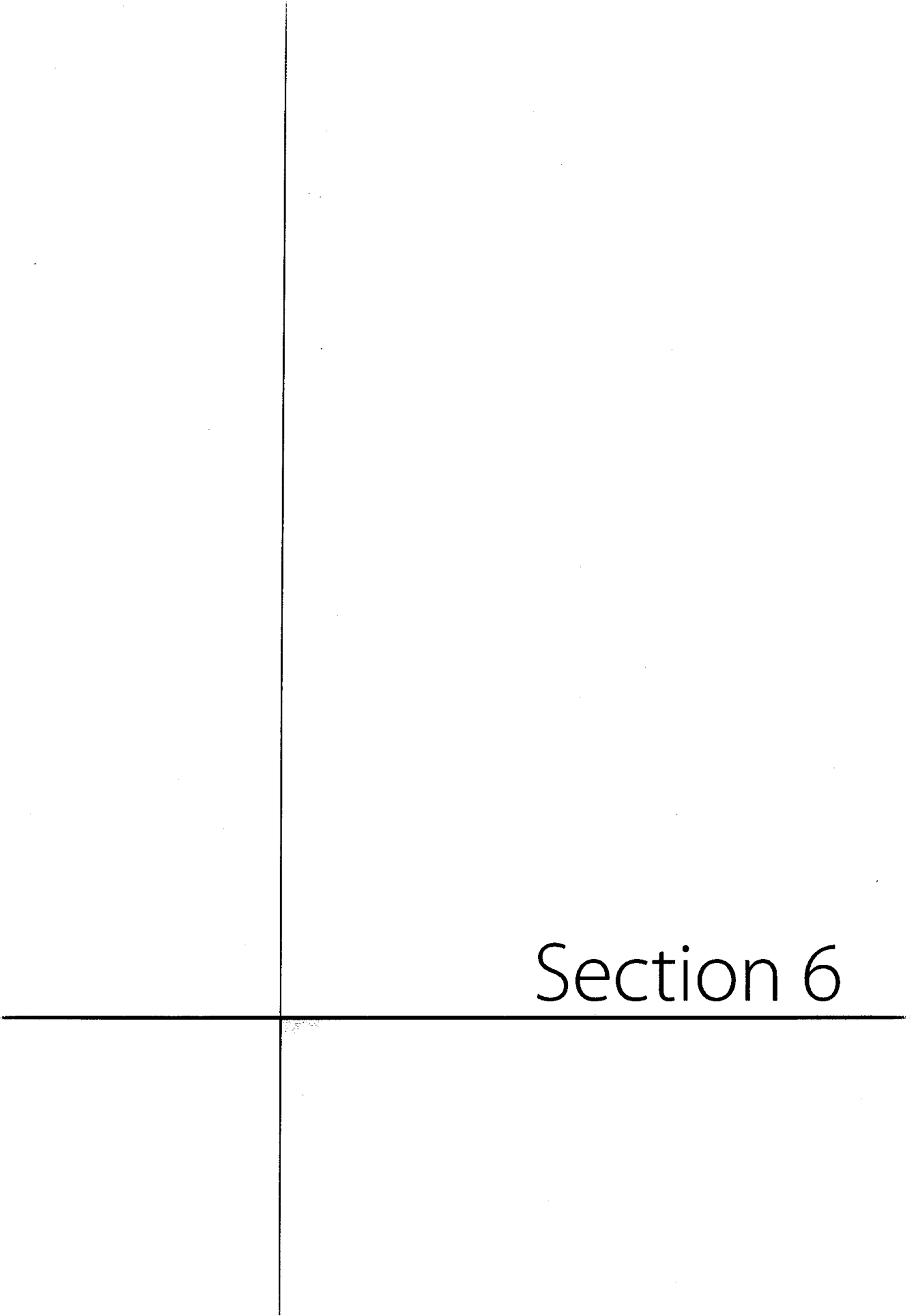
- Provide documentation of all instrument calibrations as required.
- Provide documentation of all I/O testing.
- Provide documentation of all loop tuning parameters and verify performance and stability with step changes to the setpoints.
- Prior to leaving the site, use the Owner's programming computer to monitor all PLC processors online, make on-line changes, upload and download the processor to ensure programming software version compatibility.
- CDM Smith will work closely with SJCUD staff during testing procedures.

Schedule Controls

We have developed several computer programs to enhance our project managers' ability to monitor and control project schedules. Each project's schedule and budget is established through a Project Management Plan (PMP) at the time of enrollment. The PMP process establishes the initial tools for effective project and quality management. On a weekly basis, the project manager is provided information to compare actual expense to the budget and what milestones have been met, not met, and hours to completion.

We developed the Project Information System, or PRISM, to improve project management. PRISM is an integrated management information system centered on the Oracle Project Accounting system to improve efficiency. These are the basic tried and proven tools for effective project

management at CDM Smith that will benefit SJCUD through delivery of our projects efficiently, on time, and within budget. We will continue to use these existing project controls throughout our involvement with SJCUD.



Section 6

Section 6

Schedule and Availability

The attached form lists the work currently in progress by CDM Smith or anticipated within the next 12 to 24 months.

David Rasmussen, the project manager, will be the emergency contact for the projects performed under this RFQ. He can be reached at (904) 527-6727 (office) or (407) 334-8877 (cell).

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: CDM Smith Inc.

Attachment "6-A"

**PROJECT STATUS REPORT / PROJECTS IN PROGRESS
OR ANTICIPATED WITHIN NEXT 12 TO 24 MONTHS
(Complete and Submit, include Private Sector Projects)**

1. Name of Project: Reuse Supervisory Control System – Programming Support Services

Project Description: General programming support services for the reuse supervisory control system for SICUD.

Location: St. Johns County, FL

Owner Name: St. Johns County Utility Department

Public Sector (Yes or No): Yes **Private Sector (Yes or No):** No

Start Date/Anticipated Start Date: Oct 2017 **Scheduled Completion Date:** Oct 2018

2. Name of Project: Multiple Concret Decree Projects Construction Services

Project Description: Construction services for the following projects: 1.09 FOG, 2.15 Digesters, 2.19 Co-Gen, 3.02 Primary Clarifiers, and 3.05 Secondary Clarifiers.

Location: Miami, FL (South, Central, and North WWTPs)

Owner Name: Miami Dade Water and Sewer District

Public Sector (Yes or No): Yes **Private Sector (Yes or No):** No

Start Date/Anticipated Start Date: July 2017 **Scheduled Completion Date:** July 2019

3. Name of Project: Kingsport SCADA Upgrades

Project Description: SCADA upgrade design for the City of Kingsport, TN WTP, WWTP, and remote sites.

Location: Kingsport, TN

Owner Name: Kingsport Public Works

Public Sector (Yes or No): Yes **Private Sector (Yes or No):** No

Start Date/Anticipated Start Date: Sept 2017 **Scheduled Completion Date:** May 2018

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: CDM Smith Inc.

Attachment "6-A" (Continued)

**PROJECT STATUS REPORT / PROJECTS IN PROGRESS
OR ANTICIPATED WITHIN NEXT 12 TO 24 MONTHS
(Complete and Submit)**

4. Name of Project: City of Cocoa Flow Improvements

Project Description: Design, construction services, and programming services to improve the flow capacity and control logic associated with all equipment at the plant headworks.

Location: Cocoa, FL

Owner Name: City of Cocoa

Public Sector (Yes or No): Yes

Private Sector (Yes or No): No

Start Date/Anticipated Start Date: October 2015

Scheduled Completion Date: October 31, 2018

5. Name of Project: Anuvia - Ongoing Support Services

Project Description: CDM Smith completed this design build project at the beginning of 2017. This is a first of its kind fertilizer plant in Zellwood, Florida. The CDM Smith Automation team provided all design, construction services, and programming of the entire plant. This is a separate contract, used to support new control algorithms for this plant.

Location: Zellwood, FL

Owner Name: Anuvia Nutrients

Public Sector (Yes or No): No

Private Sector (Yes or No): Yes

Start Date/Anticipated Start Date: March 2017

Scheduled Completion Date: March 2018

6. Name of Project: NAVFAC Jacksonville Design-Build Air Force Water Treatment System

Project Description: Industrial Waste Water (IWW) Treatment System, for aircraft and component chemical stripping, cleaning, plating, conversion coating, and incidental work. This is a design-build with CDM Smith automation team doing the design and programming of the new treatment system.

Location: Jacksonville, FL

Owner Name: NAVFAC Southeast

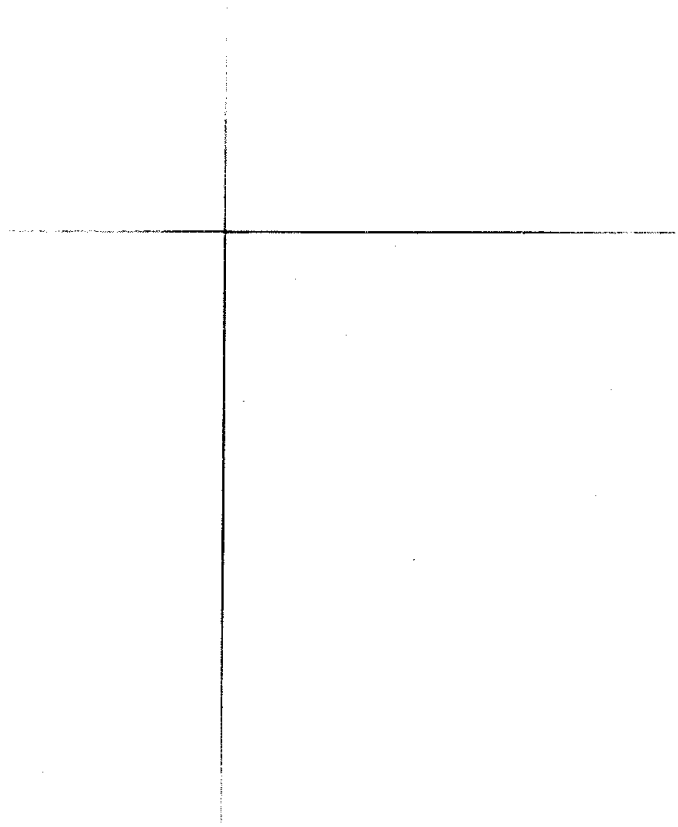
Public Sector (Yes or No): Yes

Private Sector (Yes or No): No

Start Date/Anticipated Start Date: October 2017

Scheduled Completion Date: March 2019

(Use additional or supplemental pages as needed)



**CDM
Smith®**
cdmsmith.com

CURRY CONTROLS COMPANY

PHYSICAL: 4245 S. PIPKIN ROAD – LAKELAND – FLORIDA – 33811
MAILING: P.O. Box 5408 – LAKELAND – FLORIDA – 33807
PHONE (863) 646-5781 FAX (863) 646-3899



RFQ NO: 17-79

***Request for Qualifications
For
SCADA System Services***

**SUBMIT ONE (1) HARD-COPY ORIGINAL AND ONE (1)
EXACT ELECTRONIC PDF COPY ON USB DRIVE TO:**

**Purchasing Department
St. Johns County
500 San Sabastian View
St. Augustine, Florida 32084
ATTN: Diana M. Fye, CPPB, Procurement Coordinator**

DUE DATE: October 12, 2017 @ 4:00 P.M.

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PART VI: – ATTACHMENTS/FORMS

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

COVER PAGE

**SUBMIT ONE (1) HARD-COPY ORIGINAL
AND ONE (1) EXACT ELECTRONIC PDF COPY ON USB DRIVE TO:**

PURCHASING DEPARTMENT
ST. JOHNS COUNTY
500 SAN SEBASTIAN VIEW
ST. AUGUSTINE, FLORIDA 32084
ATTN: DIANA M. FYE, CPPB, PROCUREMENT COORDINATOR

FULL LEGAL NAME OF COMPANY: Curry Controls Company

MAILING ADDRESS: P.O. Box 5408, Lakeland, FL 33807

DATE: October 12, 2017

**CERTIFICATION FOR
RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES**

The Undersigned submits this Qualifications Package to be considered as a Qualified Consultant for the SCADA System Services.

A copy of the license(s) under which our firm is engaged in the business of contracting in the state of Florida is attached. This license was issued in accordance with provisions of Section 489.113, Florida Statutes, and is currently valid and in force.

It is further understood that qualifications, if given, shall be valid for the purpose of submitting rates for the above referenced continuing services contract, unless suspended or terminated by St. Johns County.

The Undersigned authorizes and requests any public official, engineer, architect, Surety Company, bank depository, material or equipment manufacture or distributor or any person, firm or corporation to furnish all information requested by St. Johns County, to verify statements given with this Qualifications Package.

The Undersigned further authorizes the St. Johns County, FL designee to disclose, without any liability whatsoever, any and all information contained in the qualifications package.

The Undersigned has not been disqualified by any public agency in Florida except as indicated below. (If none, insert: "N/A")

Curry Controls Company

(Full Legal Company Name)

This 5th day of October, 2017

Attest:

By: *[Signature]* - PRESIDENT
Name and Title of Officer

APPROVED:

By: *[Signature]* VP
Name and Title of Authorized Officer

As Notarized

By: *Karen S. Clendenin*

(Corporate Seal)



RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

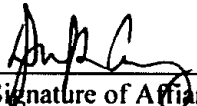
AFFIDAVIT OF SOLVENCY

STATE OF Florida)
COUNTY OF Polk)

PERTAINING TO THE SOLVENCY OF Curry Controls Company being of lawful age and being duly sworn I,
Daniel L. Curry, as VP/Corporate Secretary (*ex.CEO, officer, president, duly authorized representative, etc.*) hereby
certify under penalty of perjury that:

1. I have reviewed and am familiar with the financial status of above stated entity.
2. The above stated entity possesses adequate capital in relation to its business operations or any contemplated or undertaken transaction to timely pay its debts and liabilities (including, but not limited to, unliquidated liabilities, un-matured liabilities and contingent liabilities) as they become absolute and due.
3. The above stated entity has not, nor intends to, incur any debts and/or liabilities beyond its ability to timely pay such debts and/or liabilities as they become due.
4. I fully understand that failure to make truthful and complete disclosure of any fact or item of information contained herein may result in disqualification or termination for cause by the County of any contract for the services provided pursuant to above referenced RFQ and/or other action(s) authorized by law.

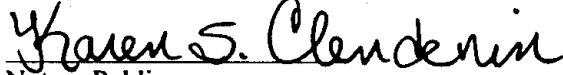
The undersigned has executed this Affidavit of Solvency, in his/her capacity as a duly authorized representative of the above stated entity, and not individually, as of this 5th day of October, 20 17.



Signature of Affiant

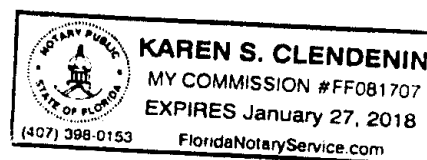
STATE OF Florida)
COUNTY OF Polk)

Subscribed and sworn to before me this 5th day of October, 20 17, by Daniel L. Curry
_____ who personally appeared before me at the time of notarization, and who is personally known to me or who has
produced _____ as identification.



Notary Public

My commission expires:
January 27, 2018



RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

AFFIDAVIT

TO: ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS
ST. AUGUSTINE, FLORIDA

At the time the proposal is submitted, the Respondent shall attach to his proposal a sworn statement.

The sworn statement shall be an affidavit in the following form, executed by an officer of the firm, association or corporation submitting the proposal and shall be sworn to before a person who is authorized by law to administer oaths.

STATE OF Florida COUNTY OF Polk. Before me, the undersigned authority, personally appeared Daniel L. Curry who, being duly sworn, deposes and says he is VP/Corporate Secretary (Title) of Curry Controls Company (Firm) the respondent submitting the attached proposal for the services covered by the RFQ documents for RFQ No: 17-79; Request for Qualifications for SCADA System Services.

The affiant further states that no more than one proposal for the above referenced project will be submitted from the individual, his firm or corporation under the same or different name and that such respondent has no financial interest in the firm of another respondent for the same work, that neither he, his firm, association nor corporation has either directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this firm's proposal on the above described project. Furthermore, neither the firm nor any of its officers are debarred from participating in public contract lettings in any other state.

Curry Controls Company
(Proposer)
By [Signature]
VP/Corporate Secretary
(Title)

STATE OF Florida)
COUNTY OF Polk)

Subscribed and sworn to before me this 5th day of October, 2017, by Daniel L. Curry who personally appeared before me at the time of notarization, and who is personally known to me or who has produced _____ as identification.

Karen S. Clendenin
Notary Public

My commission expires:
January 27, 2018



VENDOR ON ALL COUNTY PROJECTS MUST EXECUTE AND ATTACH THIS AFFIDAVIT TO EACH PROPOSAL.

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS

CONFLICT OF INTEREST DISCLOSURE FORM

The term "conflict of interest" refers to situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting a consultant's/contractor's professional judgment in completing work for the benefit of St. Johns County ("County"). The bias such conflicts could conceivably impart may inappropriately affect the goals, processes, methods of analysis or outcomes desired by the County.

Consultants/Contractors are expected to safeguard their ability to make objective, fair, and impartial decisions when performing work for the benefit of the County. Consultants/Contractors, therefore must there avoid situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting the consultant's/contractor's professional judgement when completing work for the benefit of the County.

The mere appearance of a conflict may be as serious and potentially damaging as an actual distortion of goals, processes, and methods of analysis or outcomes. Reports of conflicts based upon appearances can undermine public trust in ways that may not be adequately restored even when the mitigating facts of a situation are brought to light. Apparent conflicts, therefore, should be disclosed and evaluated with the same vigor as actual conflicts.

It is expressly understood that failure to disclose conflicts of interest as described herein may result in immediate disqualification from evaluation or immediate termination from work for the County.

Please check the appropriate statement:

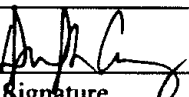
☐ I hereby attest that the undersigned Respondent has no actual or potential conflict of interest due to any other clients, contracts, or property interests for completing work on the above referenced project.

☐ The undersigned Respondent, by attachment to this form, submits information which may be a potential conflict of interest due to other clients, contracts or property interests for completing work on the above referenced project.

Legal Name of Respondent:

Curry Controls Company

Authorized Representative(s):


Signature

Daniel L. Curry, VP/Corporate

Print Name/Title

Signature

Print Name/Title

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS

DRUG-FREE WORKPLACE FORM

The undersigned firm, in accordance with Florida Statute 287.087 hereby certifies that

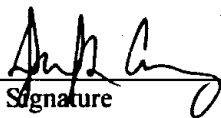
Curry Controls Company

does:

Name of Firm

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the danger of drug abuse in the workplace, the business' policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, employee assistance programs and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the contractual services that are described in St. Johns County's request for qualifications to provide bond underwriter services a copy of the statement specified in paragraph 1.
4. In the statement specified in paragraph 1, notify the employees that, as a condition of working on the contractual services described in paragraph 3, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Florida Statute 893, as amended, or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction or plea.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.
6. Consistent with applicable provisions with State or Federal law, rule, or regulation, make a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs 1 through 5.

As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.


Signature

October 5, 2017

Date



St. Johns County Board of County Commissioners

Purchasing Division

September 7, 2017

ADDENDUM #1

To: Prospective Respondents
From: St. Johns County Purchasing Department
Subject: RFQ No. 17-79, Request for Qualifications for SCADA System Services

This Addendum #1 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a bid proposal that he/she has received all Addenda, and **return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.**

A. QUESTIONS:

1. We need to clarify the requirement on the following please. Under Part III: Requirements of This RFQ, B. 1. Experience, it states "Minimum qualifications for experience shall include: The Remote Terminal Unit/Supervisory Control and Data Acquisition (RTU/SCADA) supplier may hold a State of Florida Professional Engineering (PE) License with area of expertise in electrical engineering. A copy of the license, if applicable, shall be provided to the County or upon the County's request for any drawings stamped by, or any project overseen by, a PE subcontracted by the RTU/SCADA Supplier." Would you please clarify if the RTU/SCADA Supplier is required to have a PE on staff, or if subcontracting the PE is acceptable.

Answer: The responding firm (RTU/SCADA supplier) is not required to have a licensed State of Florida Professional Engineer (PE) on staff, the PE may be sub-contracted; however, the sub-contractor must be a licensed PE in the State of Florida. Proposed Sub-Contractors must be identified with the submitted proposal as per instructions in Section V of the RFQ document.

THE RFQ DUE DATE REMAINS SEPTEMBER 21, 2017 AT 4:00 P.M.

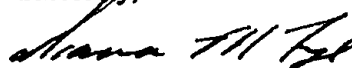
Acknowledgment

Signature and Date

Daniel L. Curry, VP/Corporate Secretary
Printed Name/Title

Curry Controls Company
Company Name (Print)

Sincerely,


Diana M. Fye, CPPB
Procurement Coordinator

END OF ADDENDUM NO. 1



St. Johns County Board of County Commissioners

Purchasing Division

September 14, 2017

ADDENDUM #2

To: Prospective Respondents
From: St. Johns County Purchasing Department
Subject: RFQ No. 17-79, Request for Qualifications for SCADA System Services

This Addendum #2 is issued for further respondent's information and is hereby incorporated into the RFQ documents. Each respondent will ascertain before submitting a qualification package that he/she has received all Addenda, and return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.

CHANGE/CLARIFICATION:

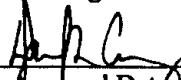
Due to impacts from Hurricane Irma, the deadline for submittal and opening of qualifications packages for RFQ No. 17-79 has been extended by three (3) weeks. Scaled qualification packages are due by or before 4:00 PM (EST) on October 12, 2017.

Any and all questions or requests for information relating to this Request for Qualifications shall be submitted in writing by close of business (5:00 PM) on Thursday, September 21, 2017. Final Addendum will post by close of business (5:00 PM) on Thursday, October 5, 2017.

The evaluation of submitted RFQ packages is rescheduled for October 26, 2017.

THE RFQ DUE DATE HAS CHANGED TO OCTOBER 12, 2017 AT 4:00 P.M.

Acknowledgment

 10/5/17

Signature and Date

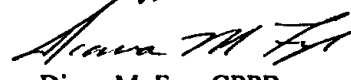
Daniel L. Curry, VP/Corporate Secretary

Printed Name/Title

Curry Controls Company

Company Name (Print)

Sincerely,



Diana M. Fye, CPPB
Procurement Coordinator

END OF ADDENDUM NO. 2



St. Johns County Board of County Commissioners

Purchasing Division

September 29, 2017

ADDENDUM #3

To: Prospective Respondents
From: St. Johns County Purchasing Department
Subject: RFQ No. 17-79, Request for Qualifications for SCADA System Services

This Addendum #3 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a bid proposal that he/she has received all Addenda, and return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.

A. QUESTIONS:

1. In Part IV of the RFQ, in Paragraph F, will the County agree that Consultant's indemnity obligations will be governed by FS chapter 725.08? If so, some suggested language would be: "The CONSULTANT shall indemnify and hold harmless the OWNER, and its offices and employees, from liabilities, damages, losses and costs, including but not limited to, reasonable attorney's fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the CONSULTANT and other persons employed or utilized by the CONSULTANT in the performance of this Agreement."

Answer: Indemnification language in St. Johns County contracts is as follows: "The Consultant shall indemnify and hold harmless the County and its officers and employees from claims, liabilities, damages, losses, and costs, including court costs, expert witness and professional consultation services, and attorneys' fees, arising out of the Consultant's errors, omissions, or negligence. The Consultant shall not be liable to, nor be required to indemnify the County for, any portions of damages arising out of any error, omission, or negligence of the County or its officers and employees."

THE RFQ DUE DATE REMAINS OCTOBER 12, 2017 AT 4:00 P.M.

Acknowledgment

 10/5/17

Signature and Date

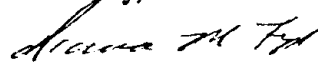
Daniel L. Curry, VP/Corporate Secretary

Printed Name/Title

Curry Controls Company

Company Name (Print)

Sincerely,



Diana M. Fye, CPPB
Procurement Coordinator

END OF ADDENDUM NO. 3

500 San Sebastian View, St. Augustine, FL 32084 | P: 904.209.0150 | F: 904.209.0151

www.sjcfll.us

SECTION 1

COMPANY QUALIFICATIONS

ATTACHMENT

1A

**LETTER OF
INTRODUCTION &
INTEREST**

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Curry Controls Company

Attachment "1-A"

LETTER OF INTRODUCTION and INTEREST
(Attach or insert copy here)



CURRY CONTROLS COMPANY

4245 S. Pipkin Road - Lakeland - FL 33811
P.O. Drawer 5408 - Lakeland, FL 33807
(863) 646-5781 - FAX: (863) 646-3899

October 12, 2017

St. Johns County Purchasing Department
500 San Sebastian View
St. Augustine, FL 32084

Re: RFQ No. 17-79 Request for Qualifications for SCADA System Services

Curry Controls Company is pleased to submit the following information as evidence of our ability to perform the work outlined in the above referenced RFQ.

General Information

(a) Full Legal Name: Curry Controls Company
Website: www.currycontrols.com

(b) Physical Address: 4245 S. Pipkin Road, Lakeland, FL 33811 (this is the location of the office that will be perform the services under this contract)
Mailing Address: P.O. Box 5408, Lakeland, FL 33807

(c) Phone: (863) 646-5781 Fax: (863) 646-3899 Email: dannyc@currycontrols.com

(d) Company Type: Corporation

(e) Principals: David L. Curry, Sr. – President
Daniel L. Curry – Vice President/Secretary

(f) Brief History:

Curry Controls was founded in 1972 and has been providing turn-key solutions to our customers in a variety of industries for 45 years. Our current staff of 48 employees includes Engineers, Project Managers, Programmers, Designers, Estimators and Electricians. Curry is a State of Florida licensed General Contractor (CGC003088), Electrical Contractor (EC0001957) and Professional Engineer (8515). Additionally, Curry operates a UL 508 certified panel shop from our location in Lakeland, FL.

(g) Business Philosophy:

Since its' inception Curry Controls has been committed to providing our customers quality turn-key solutions based on the latest technology, with value always in mind. Curry has obtained the licenses and the expertise necessary to provide the services our customers desire. Thus, our



ability to offer a wide range of services and support including systems engineering, programming, integration, panel fabrication, field service and calibration services, training and extended maintenance and support. By making sure our staff are fully trained in a variety of hardware and software platforms we can insure that our customer's needs are met.

(h) Reason for Interest in this Solicitation:

Several of our team members have been working with St. Johns County Utilities since 2002. Additionally, Curry teamed up with the County's Utilities Engineering and Operations staff to assist with the development and deployment of the current SCADA System as well as many other projects. We feel that based on our knowledge of the current system as well as our outstanding working relationship with County personnel Curry is uniquely qualified to perform the services required of this RFQ. We would like to be part of the County's team for future growth.

Curry Controls has enjoyed our relationship with St. Johns County on past projects and we stand ready to continue to support the needs of the County. We look forward to the opportunity to once again prove we are more than capable of meeting and exceeding your expectations.

If we can answer any questions or if you require any additional information please do not hesitate to ask.

Sincerely,

Daniel L. Curry

Vice President/Secretary

dannyc@currycontrols.com

ATTACHMENT

1B

**LICENSES/
CERTIFICATIONS**

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Curry Controls Company

Attachment "1-B"

LICENSES/CERTIFICATIONS

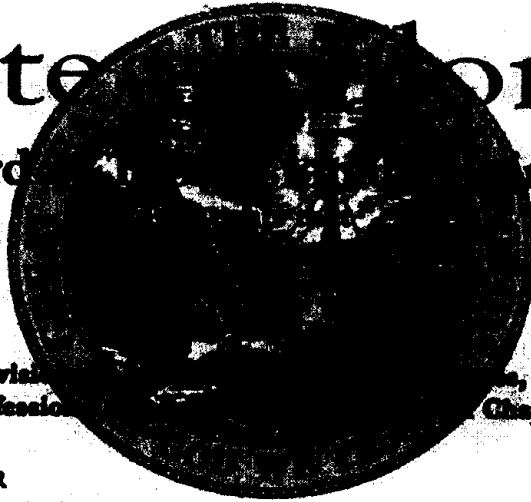
In the space below, each Respondent shall list all current licenses and/or certifications held relative to the required services as provided herein.

Each Respondent shall attach a copy of each current license and/or certification listed below to his proposal as instructed.

License Name	License #	Issuing Agency	Expiration Date
Board of Professional Engineers	8515	State of Florida	2/28/2019
Board of Professional Engineers	55412	State of Florida	2/28/2019
General Contractor	CGC003088	State of Florida	8/31/2018
Electrical Contractor	EC0001957	State of Florida	8/31/2018
VTScada Advanced Configuration & Scripting	Certificate	Trihedral	N/A
UL 508 Certified Panel Shop	UL 508	Underwriters Laboratories	N/A

State of Florida

Board of Professional Engineers



Is authorized under the provisions of Chapter 471, Florida Statutes, to offer engineering services to the public through a Professional Engineering Firm.

Expiration: 2/28/2019

Audit No: 228201905384 R



FBPE

FLORIDA BOARD OF PROFESSIONAL ENGINEERS

Chapter 471, Florida Statutes.

CA Lic. No:

8515

State of Florida

Board of Professional Engineers



Is licensed as a Professional Engineering Firm under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201933747 R



FBPE

FLORIDA BOARD OF PROFESSIONAL ENGINEERS

P.E. Lic. No:

55412

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

LICENSE NUMBER	
CGC003088	

The GENERAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018

WNOKER, EDWIN ALLEN
CURRY CONTROLS COMPANY
4245 SOUTH PIPKIN RD
LAKELAND

08/28/11

ISSUED 08/14/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1608140004109



RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ELECTRICAL CONTRACTORS LICENSING BOARD

LICENSE NUMBER	
EC0001957	

The ELECTRICAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018

CYPHERT, SCOTT W
CURRY CONTROLS COMPANY
4245 SOUTH PIPKIN RD
LAKELAND

08/28/11

ISSUED 08/25/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1608250002690



Trihedral

Presents this
Certificate of Accomplishment
To

Jennifer Waymire

For Successfully Completing VTScada
Advanced Configuration & Scripting

June 15, 2008

Steven L. Smith

[Signature]

VTScada



CURRY CONTROLS CO
MR D PARKER
1019 PIPKIN RD
PO BOX 5408
LAKELAND FL 33807

RECEIVED

JUN - 4 1996

Curry Controls Co.

Your most recent listing is shown below. Please review this information and report any inaccuracies to the UL Engineering staff member who handled your Assignment.

NITW
Industrial Control Panels

May 22, 1996

CURRY CONTROLS CO, LAKELAND FL 33807

E148860 (R)

Industrial control panels for general use.

1019 PIPKIN RD PO BOX 5408

LOOK FOR LISTING MARK ON PRODUCT

218817001

Underwriters Laboratories Inc.®

FI/6299004

333

For information on placing an order for UL Listing Cards in a 3 x 5 inch card format, please refer to the enclosed ordering information.

UNDERWRITERS LABORATORIES INC.

A not-for-profit organization dedicated to public safety and committed to quality service

333 Plangden Road
Northbrook, Illinois 60062-1298 USA
Tel: 708/277-5800
Telex: 455045 ULS
FAX No: 708/277-8129

5385 West Wacker Road
Melville, L.I., New York 11747-1081 USA
Tel: 516/271-4200
Tel: 516/271-4200
FAX No: 516/271-8259

1655 Scott Blvd
Santa Clara, California 95050-4169 USA
Tel: 408/285-2400
FAX No: 408/285-3250

1400 Laboratory Drive
P.O. Box 13135
Raleigh, Triangle Park
North Carolina 27709-1395 USA
Tel: 919/549-1400
Telex No: 403702K
FAX No: 919/549-1440

ATTACHMENT

1C

**CERTIFICATES OF
INSURANCE**

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Curry Controls Company

Attachment "1-C"

CERTIFICATES OF INSURANCE
(Attach or insert copy here)



CURRCON-01

JWAGNER

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

09/18/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Florida Insurance Center, Inc. 414 N Alexander St Plant City, FL 33563	CONTACT NAME: Judy Wagner, AAI, AU, AIS, CPIW	
	PHONE (A/C, No, Ext): FAX (A/C, No):	
	E-MAIL ADDRESS: jwagner@floridainsurancecenter.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: National Trust Insurance Co	20141
	INSURER B: FCCI Insurance Co	10178
	INSURER C: QBE Insurance	
	INSURER D:	
	INSURER E:	
	INSURER F:	

INSURED

Curry Controls Company
4245 S. Pipkin Road
Lakeland, FL 33811

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY						
	☐ CLAIMS-MADE ☒ OCCUR	X	X	GL000616210	10/01/2017	10/01/2018	EACH OCCURRENCE \$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000
							MED EXP (Any one person) \$ 10,000
							PERSONAL & ADV INJURY \$ 1,000,000
							GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS - COMP/OP AGG \$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						
	☐ POLICY ☒ PRO JECT ☒ LOC						
	OTHER:						
B	AUTOMOBILE LIABILITY						
	☒ ANY AUTO OWNED AUTOS ONLY	X	X	CA10000660901	10/01/2017	10/01/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	☒ SCHEDULED AUTOS						BODILY INJURY (Per person) \$
	☒ HIRED AUTOS ONLY	X					BODILY INJURY (Per accident) \$
	☒ HIRED Phys Damage						PROPERTY DAMAGE (Per accident) \$
							PIP \$ 10,000
A	UMBRELLA LIAB						
	☒ EXCESS LIAB			UMB000180214	10/01/2017	10/01/2018	EACH OCCURRENCE \$ 10,000,000
	☒ CLAIMS-MADE						AGGREGATE \$ 10,000,000
	DED ☒ RETENTION \$ 10,000						
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/ MEMBER EXCLUDED? (Mandatory in Fla)	Y/N		001WC17A67812	01/01/2017	01/01/2018	☒ PER STATUTE ☒ OTH-ER
	If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	X				E.L. EACH ACCIDENT \$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Rented Equip/Install			CM000140814	10/01/2017	10/01/2018	\$50,000/750,000 750,000
C	Prof Liability			QPL0747385	08/17/2017	08/17/2018	Each Occurrence: 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
St Johns County, a Political Subdivision of the State of Florida is listed as an additional insured with regards to the general and auto liability coverage. A waiver of subrogation applies to all policies listed above including Work Comp. Coverage is primary and non-contributory. Coverage applies for completed and ongoing operations. 30 day cancellation applies except 10 days for nonpayment.

CERTIFICATE HOLDER

CANCELLATION

St Johns County, a Political Subdivision of the State of Florida
500 San Sebastian View
Saint Augustine, FL 32084

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

ATTACHMENT

1D

**CLAIMS, LIENS,
LITIGATION HISTORY**

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Curry Controls Company

Attachment "1-D"
CLAIMS, LIENS, LITIGATION HISTORY
(Complete and Submit)

1. Within the past 7 years, has your organization filed suit or a formal claim against a project owner (as a prime or subcontractor) or been sued by or had a formal claim filed by an owner, subcontractor or supplier resulting from a construction dispute? Yes _____ No X If yes, please attach additional sheet(s) to include:

Description of every action Captions of the Litigation or Arbitration

Amount at issue: _____ Name (s) of the attorneys representing all parties: _____

Amount actually recovered, if any: _____

Name(s) of the project owner(s)/manager(s) to include address and phone number: _____

2. List all pending litigation and or arbitration. N/A
3. List and explain all litigation and arbitration within the past seven (7) years - pending, resolved, dismissed, etc. N/A
4. Within the past 7 years, please list all Liens, including Federal, State and Local, which have been filed against your Company. List in detail the type of Lien, date, amount and current status of each Lien.
N/A

5. Have you ever abandoned a job, been terminated or had a performance/surety bond called to complete a job?

Yes _____ No X If yes, please explain in detail:

6. For all claims filed against your company within the past five-(5) years, have all been resolved satisfactorily with final judgment in favor of your company within 90 days of the date the judgment became final? Yes _____ No _____
If no, please explain why? N/A

7. List the status of all pending claims currently filed against your company:
N/A

Liquidated Damages

1. Has a project owner ever withheld retainage, issued liquidated damages or made a claim against any Performance and Payment Bonds? Yes _____ No X If yes, please explain in detail:

(Use additional or supplemental pages as needed)

SECTION 2

QUALIFICATIONS OF STAFF AND SUB- CONTRACTORS/ SUPPLIERS

ATTACHMENT

2A

**COMPANY
ORGANIZATION
CHART**

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Curry Controls Company

Attachment "2-A"
COMPANY ORGANIZATION CHART
(Attach or insert copy here)

Organization

```
graph TD
    CEO[DAVID L. CURRY  
PRESIDENT/CEO] --- VP1[DAVID CURRY  
VP CORPORATE SECRETARY]
    CEO --- VP2[MIKE KIDON  
VP ENGINEERING]
    CEO --- VP3[SCOTT CYPRIOT  
VP BUSINESS DEVELOPMENT]
    
    VP1 --- CONTROLLER[ALEX CURRY  
CONTROLLER]
    CONTROLLER --- ASST1[SAMUEL CLEMMER  
ADMINISTRATIVE ASSISTANT]
    CONTROLLER --- ASST2[LINDA WHITFORD  
ACCOUNTING ASSISTANT]
    
    VP2 --- MGT1[BOB BATTAGLIA  
MGT SYSTEMS/SALES/SERVICE]
    VP2 --- MGT2[MIKE HOLMES  
PROJECT MGR./FIELD SERVICE]
    VP2 --- MGT3[MIKE MEHNER  
ENGINEER/PROJECT MANAGER]
    VP2 --- MGT4[DONALD ECKHART  
P.E. ENGINEER]
    VP2 --- MGT5[CHUCK HATWELL  
ENGINEER/PROJECT MANAGER]
    VP2 --- MGT6[DAVE PARMER  
ENGINEER/PROJECT MANAGER]
    VP2 --- MGT7[MELTON WENGER  
ENGINEER/PROJECT MANAGER]
    VP2 --- MGT8[JOHN HOLLINS  
SYSTEMS DESIGNER]
    VP2 --- MGT9[MIKE CHALK  
ENGINEER/PROJECT MANAGER]
    VP2 --- MGT10[MICHAEL BENTLEY  
ENGINEER/PROJECT MANAGER]
    VP2 --- MGT11[MALVIN GOODMAN  
ENGINEER/PROJECT MANAGER]
    VP2 --- MGT12[JOFF FOLLUMER  
ENGINEER/PROJECT MANAGER]
    
    VP3 --- EST1[BOB MATTHEWS  
ESTIMATOR]
    VP3 --- EST2[BOB WENGER  
ESTIMATOR/EC]
    VP3 --- PM1[MIKE MAY  
PRODUCTION MANAGER]
    VP3 --- TECH1[RICK MOORE  
FIELD TECHNICIAN]
    VP3 --- TECH2[JOHN VANHOLDE  
FIELD TECHNICIAN]
    VP3 --- TECH3[LARRY CHERRY  
FIELD TECHNICIAN]
    VP3 --- TECH4[GARY WARD  
FIELD TECHNICIAN]
    VP3 --- TECH5[FIELD ELECTRICIANS]
```

ATTACHMENT 2B

PROJECT TEAM ORGANIZATION CHART

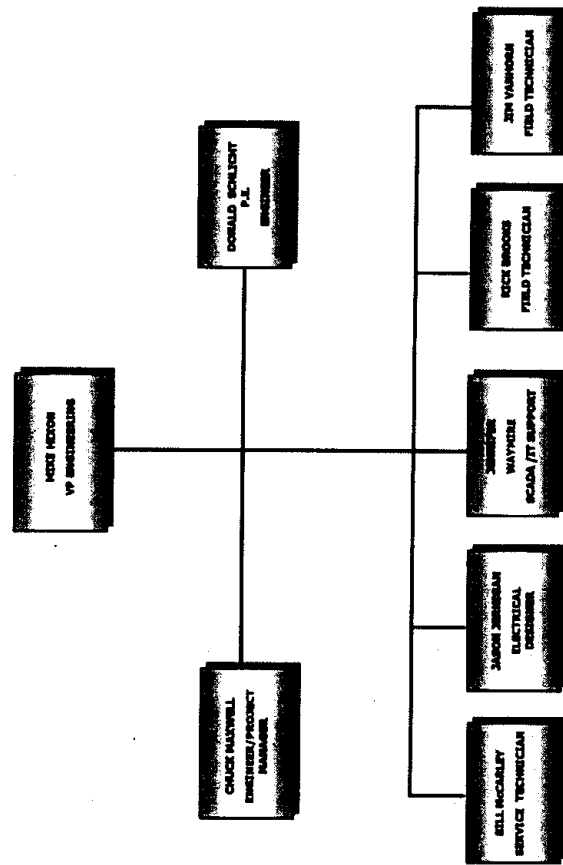
RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Curry Controls Company

Attachment "2-B"
PROJECT TEAM ORGANIZATION CHART
(Attach or insert copy here)

Curry Controls Company

Project Team Organization Chart



ATTACHMENT

2C

KEY PERSONNEL

LIST

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Curry Controls Company

Attachment "2-C"

KEY PERSONNEL LIST

In the space below, list all qualified personnel who are permanent employees of the company that may be utilized to perform the required scope of services. Attach brief but comprehensive resumes for each staff member listed below

Employee Name	Employee Title	# Years Employed	Total # Yrs. Experience
Chuck Maxwell	Engineer/Project Manager	2+	19
Jennifer Waymire	SCADA / IT Support	2+	14+
Donald Schlicht	P.E./Engineer	14	21

RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

NAME		ROLE IN THIS CONTRACT		YEARS EXPERIENCE	
Chuck Maxwell		I&C Process Control and SCADA Programming		19	2+
FIRM NAME AND LOCATION (City and State)					
 Curry Controls Company 4245 South Pipkin Road Lakeland, Florida 33811					
EDUCATION (DEGREE AND SPECIALIZATION)			CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)		
AS / Electronics Engineering / Tampa Technical Institute					
OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
Over 30 years' experience as an industrial electrician with a strong emphasis on I&C. Extensive PLC programming with controllers such as Motorola MOSCAD, MOSCAD-L and ACE RTUs (1700 RTUs), Allen Bradley Series, Modicon, OMRON, CQMI, Alpha C200H, S6, GE Fanuc series. Managed projects for telemetry based water/wastewater systems, and phosphate mining systems. Software and system experience includes Microsoft Windows products, VTScada, Citect, Wonderware, Intellution FIX, AutoCAD and Networking.					
RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED		
	St. Johns County Utilities St. Augustine, Florida		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm					
Configuration and implementation of radio telemetry based systems, programming, support and maintenance of approximately 160 Motorola RTUs, design and build VTScada HMI systems for Water/Wastewater applications.					
b.	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED		
	City of Hialeah Utilities Hialeah, Florida		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm					
Configuration and implementation of Motorola radio telemetry based systems, programming, support and maintenance of approximately 90 Motorola RTUs, design and build VTScada HMI systems for Water/Wastewater applications.					
c.	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED		
	Polk County Utilities Winter Haven, Florida		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm					
Configuration and implementation of Motorola based radio telemetry based systems, programming, support and maintenance of approximately 100 RTUs, design and build HMI systems for Water/Wastewater applications. Assisted with standardizing their Lift Station PLC applications as the County changed platforms to Modicon M340/Unity with DNP3.					
d.	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED		
	City of Bradenton Utilities Bradenton, Florida		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm					
Programmed Motorola RTU for Wastewater Plant Reclaimed Water System Modifications. Project entailed the Motorola ACE unit being programmed to control the speed of 4 Allen-Bradley VFDs, via a data link in each device, in order to maintain a desired flow rate through a v-notch weir to offsite Reuse Stations. Flow calculations were also performed in the ACE based on the level in the v-notch weir. Assisted with the design of both the local OIT and VTScada HMI to monitor and control the process.					
e.	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED		
	Martin County Utilities Jensen Beach, Florida		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm					
Programmed approximately 350 Motorola RTUs for Lift Stations, Lake Level Solar Sites, and Reuse sites, assisted with the design of Custom VTScada HMI Graphics, involved with design of Control Panels					

RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

NAME Jennifer Waymire		ROLE IN THIS CONTRACT Process Control and SCADA Programming		YEARS EXPERIENCE	
				a. TOTAL 14+	b. WITH CURRENT FIRM 2+
FIRM NAME AND LOCATION (City and State)  Curry Controls Company 4245 South Pipkin Road Lakeland, Florida 33811					
EDUCATION (DEGREE AND SPECIALIZATION) BS / Computer Science / University of South Florida			CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)		
OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Responsible for SCADA software development/programming and HMI software design and programming. Managed projects for telemetry based water/wastewater systems. Software and systems experience includes VTScada scripting (extensive), Motorola MOSCAD, MOSCAD-L and ACE Programming Software, Modicon, Rockwell Factory Talk View Studio, Intellution FIX, Citect and AutoCAD.					
RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) St. Johns County Utilities St. Augustine, Florida		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
		(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Designed/Programmed VTScada HMI for Lift Stations, Tanks, Wells, Water Treatment Plants including Filtration, RO and Waste Water Treatment Plants.			
		Check if project performed with current firm			
b.	(1) TITLE AND LOCATION (City and State) City of Hialeah Utilities Hialeah, Florida		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)	
		(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Designed/Programmed Custom VTScada HMI for Lift Stations			
		☒ Check if project performed with current firm			
c.	(1) TITLE AND LOCATION (City and State) Polk County Utilities Winter Haven, Florida		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
		(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Designed/Programmed VTScada HMI for Lift Stations, Waste Water Treatment Plants and Water Treatment Plants. Assisted with standardizing their Lift Station HMI and OIT graphics and DNP3 settings.			
		☒ Check if project performed with current firm			
d.	(1) TITLE AND LOCATION (City and State) City of Bradenton Utilities Bradenton, Florida		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)	
		(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Designed/Programmed Custom VTScada HMI graphics and OIT graphics for the Wastewater Plant Reclaimed Water System Modifications project.			
		☒ Check if project performed with current firm			
e.	(1) TITLE AND LOCATION (City and State) Martin County Utilities Jensen Beach, Florida		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
		(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm Programmed Motorola RTUs for Lift Stations, Lake Level Solar Sites, Reuse sites, Designed/Programmed Custom VTScada HMI graphics.			

RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT					
NAME		ROLE IN THIS CONTRACT		YEARS EXPERIENCE	
				TOTAL	WITH CURRENT FIRM
Schlicht, Donald PE		Instrumentation & Controls \ SCADA		21	14
FIRM NAME AND LOCATION (City and State)					
 Curry Controls Company 4245 South Pipkin Road Lakeland, Florida 33811					
EDUCATION (DEGREE AND SPECIALIZATION)			CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)		
BS / Electrical Engineering / Rice University			PE / FL / 55412 PE / GA / 27604		
OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training Awards, etc.)					
Allen-Bradley PLC 5 Advanced Programming, Allen-Bradley 1336 Drive Configuration and Maintenance, Rockwell Software RSView HMI, Intellution iFix DMACS HMI, GE PLC training, Allen-Bradley ControlLogix PLC Programming					
RELEVANT PROJECTS					
	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
a.	(1) TITLE AND LOCATION (City and State) 7.0 MGD Lime Softening WTP Bartow, Florida		(2) YEAR COMPLETED 2002		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager & Controls Engineer for the City of Bartow's 7.0 MGD Lime Softening WTP. Curry Controls Company supplied and commissioned the Plant Control System for the City of Bartow, FL 7.0 MGD Lime Softening Water Treatment Plant. Scope included providing four (4) WTP PLC control panels, four (4) production well PLC control panels, various level, pressure and flow instruments and three SCADA computers. All control panels are networked together using a redundant fiber optic Ethernet network. Products provided included Allen-Bradley ControlLogix PLC hardware and Rockwell Automation RsView32 software. Contract Fee: \$668,000.00		☒ Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) Clayton County Wastewater SCADA Improvement Clayton County, Georgia		(2) YEAR COMPLETED 2004		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager and Senior Controls Engineer. Managed, designed, programmed and started up a waste water lift station RTU/SCADA System for the entire County of Clayton, Georgia. This SCADA system consisted of over 32 PLC based RTU's utilizing Allen-Bradley MicroLogix PLC's, a pair of redundant SCADA Servers and remote access to the SCADA data. Curry Controls Company was the Prime Contractor for this project. Contract Fee: \$1,254,000.00		☒ Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) Scott Candler WTP DeKalb County, Georgia		(2) YEAR COMPLETED 2007		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager and Controls Engineer for the Scott Candler WTP, the largest surface water treatment plant in the Southeast. Responsibilities included final SCADA system design, programming of Allen-Bradley PLC's and RSView HMI, controls network design and implementation. This plant included more than 20 servers, 11 PLCs, 43 separate networks including Profibus, ControlNet, DeviceNet and Ethernet. This project also included fieldbus control of all MCC's and field instrumentation. Contract Fee: \$4,597,000.00		☒ Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) Implementation of the Strategic Information System (ISIS) SCADA Master Plan DeKalb County, Georgia		(2) YEAR COMPLETED 2007		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager and Controls Engineer for the ISIS SCADA Master Plan project. Responsible for implementation of a SCADA system for the County's sewer flow monitoring system, Modification to the Pole Bridge Creek WWTP SCADA system including complete PLC replacement and HMI upgrades using Siemens PLC's and Wonderware HMI. Contract also required replacement of over forty (40) remote telemetry units within the distribution system and addition of approximately seven (7) pressure monitoring sites within the distribution system. Contract Fee: \$4,015,300.00		☒ Check if project performed with current firm		

ATTACHMENT

2D

LIST OF PROPOSED SUB-CONTRACTORS

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Curry Controls Company

Attachment "2-D"

LIST OF PROPOSED SUB-CONTRACTORS

Each Respondent shall provide any and all subcontractors or major materials suppliers proposed to perform any portion of work specified herein. Attach Brief comprehensive resumes, including any and all licenses/certifications held. All proposed subcontractors are subject to approval by the County.

DIVISION OF WORK

NAME AND ADDRESS OF SUBCONTRACTORS

Wireless Communications, Inc.

4800 Reagan Dr, Charlotte, NC 28206

Trihedral, Inc. 4700 Millenia Blvd, Orlando, FL 32839

Material Supplier

Material Supplier

SECTION 3

ATTACHMENT

3A

PROJECT EXPERIENCE

**(COMPLETED PAST
3 YEARS)**

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Curry Controls Company

Attachment "3-A"

PROJECT EXPERIENCE
(Completed within past 3 years)

1. **Name of Project:** Telemetry - SCADA System Improvements

Project Description: The Coconut Creek Telemetry SCADA System Improvements project involved 60 cellular based Motorola RTUs on a New VT SCADA rebuild. This included all control panels, programming and electrical work to 58 lift stations and two water plants.

Owner Name: City of Coconut Creek

Contact Name, Title: Carlo Nuesa - Project Manager

Phone # & Email Address: 954-973-6786 CNuesa@coconutcreek.net

Dollar Value of Project: \$1,100,000

Completion Date of Project: August 2015

2. **Name of Project:** VT SCADA Software Upgrade

Project Description: Redevelopment of a complete SCADA HMI application with an open architecture to replace an OEM developed layer. An existing FIU application was replaced with a custom application developed to coordinate with the new HMI.

Owner Name: City of Hialeah

Contact Name, Title: Carlos Orozco - Collections Manager

Phone # & Email Address: 786-368-8899 corozco@hialeahfl.gov

Dollar Value of Project: \$76,000

Completion Date of Project: September 2017

3. **Name of Project:** Glendale WWTP Aeration Basin Upgrades

Project Description: Used Schneider M340 PLC, Magelis OIT, GE Proficy HMI to integrate (4) Aerzen blowers via Modbus TCP/IP and (10) modulating valves to maintain desired DO and ORP in (3) separate aeration basins.

Owner Name: City of Lakeland

Contact Name, Title: Scott Lewis - Manager of Waste Water

Phone # & Email Address: 863-834-6359 Scott.Lewis@Lakelandgov.net

Dollar Value of Project: \$173,000

Completion Date of Project: July 2017

SECTION 4

ATTACHMENT

4A

PROJECT APPROACH

(NARRATIVE)

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Curry Controls Company

Attachment "4-A"

PROJECT APPROACH
(Attach or insert copy here)



Attachment 4-A

Project Approach

Curry Controls Company (CCC) is pleased to be considered for, and is structured to, provide the professional SCADA systems services required as outlined in RFQ NO. 17-79.

The functional requirements of this RFQ are essentially the same as that which CCC has been providing in support of counties, cities and municipalities and industries, etc. (to varying degrees), throughout Florida for many years.

The specific level of support required for MOSCAD, ACE 3600 RTU's and Trihedral VT SCADA HMI is consistent with the levels of CCC product knowledge, programming expertise, and support resources you require.

Because of the organizational depth, training, and workforce experience available to us, CCC is uniquely qualified to provide a full range of system expansion, troubleshooting, training, and retrofitting skills that may be required on a timely basis. Specifically, CCC commits to providing on-site remote access and emergency services within 4 hours, be available on a 24-hour call out basis, and respond to emergency call-outs 365 days per year.

The detailed work plan addressing the approach, and method, of how work on a project will be performed is addressed below, and is based on existing Curry Controls Company Project Guidelines currently in effect.

Project Approach:

Project initiation and Documentation consolidation

When a quote or a bid is awarded to Curry Controls a project book will be developed. This project book contains all pertinent information that was used by the estimating department to bid the job. After a project book is developed it is sent to management for signatures and assignment of a project manager (PM). The project book will be placed in a binder and will be kept in the project book room. All correspondence associated with the job is to be copied and placed in the project book. Once a project manager (PM) is assigned, a duplicate book will be built and, along with any specifications and drawings, becomes the project manager's book.



Scope Clarification Meeting

Upon award of a job, a Scope Clarification Meeting is held in order to inform the Engineering Project Manager of the scope of work and materials to be supplied. This meeting will be attended by the estimating department representative, the Project Manager and a member of the Management Team.

The purpose of this meeting is to describe the overall scope of the project to the Project Manager, and to transfer all pertinent documents such as communications between the estimators and the vendors, drawings applicable to the project, plans and specifications and any quotes used by the estimators to determine project price. This information will be used in the design, and construction phases of the project.

The estimator will give the PM an overview of the project and inform the PM of any special considerations associated with the project. The estimator will also review the budget for the project. The budget will be continually compared to the actual job costs as the project progresses. This comparison is an early warning indicator as to how well the job is proceeding from an operational and financial point of view.

Schedule of Values

The PM will work with estimating and accounting to develop a schedule of values for the project. The schedule of values lists agreed upon milestones that will assist in driving the schedule along with invoicing. The SOV will reflect progressive disposition of equipment and labor values.

Establish a Line of Communications:

Lines of communications will be set up between CCC and the customer, or his representative. The PM will identify those CCC team members involved in the project at and communicate the constraints, projected requirements, timeline, and goals of the project. The PM will identify and access needed product resources and vendors required to supply the project hardware/software requirements.



Familiarization with the project scope and specifications

The PM will become familiar with the specifications and the project drawings. Depending on the size of project, various project team members will be assembled. The team may consist of any combination of the following disciplines:

- An engineer who will be primarily responsible for the design
- A CAD designer who will be responsible for the shop drawings
- A programmer responsible for the PLC Program
- A HMI programmer responsible for the HMI Interface.
- Technical support and fabrication personnel as required.

The team will then be assigned specific aspects of the project. The team members will familiarize themselves with the project and respond to the PM as to how best to approach the project.

Develop a Project Plan and Schedule

The PM will develop a plan that addresses all major facets of the project and the acceptable project approach for success, and customer satisfaction. The plan should include a list of submittals with delivery dates and anticipated approval time. The plan will also incorporate engineering time, CAD time, construction time, shop testing time, equipment delivery dates, installation time, and startup time. The PM will develop a Project Schedule using Microsoft Project, or Primavera tools to visually represent the Project Plan.

Work the Project Plan and Schedule

The V. P. of Engineering will consult with the PM periodically to assure the project plan and schedule are being observed and executed in a timely manner. Any impediment to the successful completion of the project within the projected time frame will be discussed and resolved immediately.

The panel shop Production Manager will receive copies of the scheduled construction time per panel and report to the PM any discrepancies and delays.

HMI and PLC programming requirements will be monitored by the PM to insure they are being addressed per specification requirements.



Submittals

The PM will develop a submittal log to keep track of the submittals and the status of each submittal. The log will include the submittal type, the specification number that is applicable to the submittal, date the submittal was forwarded for approval, the status and date of the returned submittal, and if there were any re-submittals.

The content of the log will have enough detail that the approving authority can determine without question the essence of content. Submittal documents should include the full model number, measurement range, calibrated range, power requirements, and any options if applicable. If the submittal is an, or equal, then additional information showing a comparison of the submitted device to the specified device will be required.

Shop drawing submittals will normally not be accepted for approval in sections. The submittal drawings should be marked (for submittal) and submitted for approval. Once the shop drawings have been received from the approving authority, as approved, or approved as noted, then the comments should be incorporated, and the drawings should be marked and dated (for construction). After construction and startup, the drawings should again have any changes incorporated, and be marked as (As Built) and incorporated in the O&M's (Operations and Maintenance Manuals).

PLC Program submittals shall be fully annotated and a written system description shall accompany the submittal. HMI Screen submittals will require interfacing with the owner and engineer in most cases. A color screen print presentation will be required. A written description explaining the functionality of each screen may be required. Any calculations or scaling that is incorporated in the HMI software will have to be explained and approved.

Each project contract will have its unique requirements for the submittals and the format to be used. The specific contract specifications will supersede this directive.

Material Ordering

The PM is responsible for working with the Purchasing Department to procure the material required for the project. The PM is responsible for insuring all hardware/software required for the project has arrived, or, will be available when needed by the panel shop. The PM, Purchasing, and the Panel Shop Foreman will coordinate staging, manpower scheduling, vendor lead times, and deliveries to insure materials are available and work flow and production are unimpeded.



Project Invoicing

Submittals for payment must coincide with contractual billing date constraints. The pay requests are based on the amount of work or material that has been completed or purchased and the indicated value that was established when the PM developed the Schedule of Values. The PM is responsible for working with accounting to determine that the requests for payment and any supporting documentation required are submitted on, or before, the required billing date.

Operation and Maintenance Manuals

The composite O&M manual set will contain the Operation and Maintenance Manuals for each piece of equipment supplied by Curry Controls. The O&M manuals will also contain the latest set of shop drawings, a copy of the PLC Program, and any software specified to be provided. The local supplier, their address and phone number should be supplied for each piece of equipment.

In most cases the O&M manuals are needed at the job site before, or when the equipment is shipped to the site. The O&M's will be a reference source for the installation and startup phase. After startup, any material changes will be compiled and included in the O&M's. At that time, shop drawings will be marked (As Built) and supplied as part of the closeout documentation.

Project Closeout

The PM is responsible for the successful and timely closeout of a project. Assuming system calibration services, field testing, system start up, demonstration, and training as required has been successfully completed to the satisfaction of the owner, the project can be closed out.

After a project is closed out, the PM will schedule a meeting with the V.P. of Engineering, the estimator, accounting, and various other management members, to discuss project progression, review the lessons learned, and rectify any issues that might remain. The feedback session should be geared so that we can individually, and corporately benefit from the information furnished, and use that information in the future to more effectively serve our clients.

SECTION 5

ATTACHMENT

5A

**QUALITY & SCHEDULE
CONTROL**

(NARRATIVE)

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Curry Controls Company

Attachment "5-A"

QUALITY & SCHEDULE CONTROL
(Attach or insert copy here)



Attachment 5-A Quality & Schedule Control

Consistent with the Curry Controls Company (CCC) Quality Controls Policy, procedures are in place encompassing all aspects of production including the generation of project proposals, the receipt, acknowledgement and processing of customer purchase orders, the scheduling, and execution of work, management communications with key project supervisors & design and engineering professionals, submittal approval, shop fabrication and testing, storage, shipment and on-site installation, and field start up services.

There is minimal need to establish, monitor, and track quality control, and coordination of sub-contractors due to the fact, Curry Controls Company is a multi-jurisdictional firm comprised of stand-alone Professional Engineering, General Contracting, and Electrical Contracting and technical entities. This offers a unique, and diverse skillset, and range of capabilities providing our clients with complete Design/Build resources, all in-house.

In the unlikely event, a CCC sub-contractor might be required for a project, their work history, reputation, financials, work load, and contractual commitments are scrutinized fully to assure their association with CCC is compatible and productive.

The need to meet schedules (deadlines) in a timely manner is the goal of CCC. This is accomplished by insuring all parties involved in the project are fully aware of what these deadlines are up front. All schedules evolving with respect to system design, engineering, submittal approval, purchasing, panel fabrication, testing and inspections, and installation and final check out, are supervised closely to assure a timely and successful completion of the project.

For over 45 years, CCC has been pleased to maintain cordial relations with county, regional, state and federal agencies and administrations. Much of the company's success has been attributed to ongoing relationships with these entities. CCC has sought to provide an honest and direct platform, be fair in our pricing, be respectful in our communications, and be a company of integrity.

SECTION 6

ATTACHMENT 6A

PROJECT STATUS REPORT

**(PROJECTS IN
PROGRESS)**

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Curry Controls Company

Attachment "6-A"

**PROJECT STATUS REPORT / PROJECTS IN PROGRESS
OR ANTICIPATED WITHIN NEXT 12 TO 24 MONTHS
(Complete and Submit, include Private Sector Projects)**

- 1. Name of Project:** Ocean Village Club, Saltwater Cowboys & Sea Place Lift Station Upgrades

Project Description: Fabricate and install 3 complete Motorola ACE 3600 RTU control panels per county specifications. RTUs will be programmed to communicate to the county wide SCADA master over a 4 RF digital radio. Graphical interfaces will be modified to represent all data points.

Location: St. Augustine, Florida

Owner Name: St. Johns County Utility Department

Public Sector (Yes or No): Yes **Private Sector (Yes or No):** No

Start Date/Anticipated Start Date: July 2017 **Scheduled Completion Date:** July 2018
- 2. Name of Project:** Ponce De Leon, Raintree and Anastasia Oaks Lift Station Upgrades

Project Description: Fabricate and install 3 complete Motorola ACE 3600 RTU control panels per county specifications. RTUs will be programmed to communicate to the county wide SCADA master over a 4 RF digital radio. Graphical interfaces will be modified to represent all data points.

Location: St. Augustine, Florida

Owner Name: St. Johns County Utility Department

Public Sector (Yes or No): Yes **Private Sector (Yes or No):** No

Start Date/Anticipated Start Date: July 2017 **Scheduled Completion Date:** February 2018
- 3. Name of Project:** Pump Station 106 Improvements

Project Description: Design, engineer and construct a 4 pump level control panel. Provide 4 400 HP VFDs and configure. Provide a 30" mag flow meter, 2 30 ft. level transducers/transmitters and 1 force main pressure transmitter with isolation diaphragm seal. Provide a Motorola ACE 3600 RTU. The RTU will be programmed to fully control a master pump station by modulating the speed of the VFDs to maintain an operator entered level setpoint. A graphical interface will be added to the existing City Wide SCADA HMI.

Location: Hialeah, Florida

Owner Name: City of Hialeah

Public Sector (Yes or No): Yes **Private Sector (Yes or No):** No

Start Date/Anticipated Start Date: August 2017 **Scheduled Completion Date:** May 2018

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Curry Controls Company

Attachment "6-A" (Continued)

**PROJECT STATUS REPORT / PROJECTS IN PROGRESS
OR ANTICIPATED WITHIN NEXT 12 TO 24 MONTHS
(Complete and Submit)**

4. Name of Project: Phase II Pump Station Improvements

Project Description: Design, construct, deliver 3 duplex pump control panels and 1 triplex pump control panel. Panels will include a new Motorola ACE 3600 RTU to be integrated into the existing City SCADA system.

Location: Hialeah, Florida

Owner Name: City of Hialeah

Public Sector (Yes or No): Yes **Private Sector (Yes or No):** No

Start Date/Anticipated Start Date: August 2017 **Scheduled Completion Date:** December 2017

5. Name of Project: Central Regional Water Production Facility

Project Description: A brand new 4 MGD maximum water production facility for Polk County Utilities. Our work includes manufacturing control panels for 3 new wells, chemical feed system, GAC system, water storage and high service pumps. Also included is the related instrumentation, networking, computers and software for complete integration of the entire system into new VT SCADA.

Location: Polk County, Florida

Owner Name: Polk County Utilities

Public Sector (Yes or No): Yes **Private Sector (Yes or No):** No

Start Date/Anticipated Start Date: 2017 **Scheduled Completion Date:** 2018

6. Name of Project: Lift Station Electrical SCADA Upgrades

Project Description: Includes manufacturing and replacing RTUs rehabilitating existing pump control panels at approximately 60 lift stations over a four year period. In addition to the installation of the new RTU and pump control panels, the electrical conduits, instrumentation, and support structures are also being replaced or upgraded. The new system is a cellular based communication system on a Modicon M340 PLC platform with a VT SCADA System.

Location: Polk County, Florida

Owner Name: Polk County Utilities

Public Sector (Yes or No): Yes **Private Sector (Yes or No):** No

Start Date/Anticipated Start Date: 2016 **Scheduled Completion Date:** Ongoing

(Use additional or supplemental pages as needed)



INFORMATION • AUTOMATION • INTEGRATED SOLUTIONS

INFAMATION TECHNOLOGIES GROUP, LLC (ITG)

PROPOSAL

TO SUPPLY

SCADA SYSTEM SERVICES

FOR

ST. JOHNS COUNTY, FLORIDA

RFQ #17-79

PART VI: – ATTACHMENTS/FORMS

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

COVER PAGE

**SUBMIT ONE (1) HARD-COPY ORIGINAL
AND ONE (1) EXACT ELECTRONIC PDF COPY ON USB DRIVE TO:**

**PURCHASING DEPARTMENT
ST. JOHNS COUNTY
500 SAN SEBASTIAN VIEW
ST. AUGUSTINE, FLORIDA 32084
ATTN: DIANA M. FYE, CPPB, PROCUREMENT COORDINATOR**

FULL LEGAL NAME OF COMPANY: Infamation Technologies Group, LLC

MAILING ADDRESS: 11235 St. Johns Industrial Pkwy N. Ste.2 Jacksonville, Florida 32246

DATE: October 6th, 2017



INFORMATION • AUTOMATION • INTEGRATED SOLUTIONS

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Section 0

Signed Affidavits, Forms and Addenda

**CERTIFICATION FOR
RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES**

The Undersigned submits this Qualifications Package to be considered as a Qualified Consultant for the SCADA System Services.

A copy of the license(s) under which our firm is engaged in the business of contracting in the state of Florida is attached. This license was issued in accordance with provisions of Section 489.113, Florida Statutes, and is currently valid and in force.

It is further understood that qualifications, if given, shall be valid for the purpose of submitting rates for the above referenced continuing services contract, unless suspended or terminated by St. Johns County.

The Undersigned authorizes and requests any public official, engineer, architect, Surety Company, bank depository, material or equipment manufacture or distributor or any person, firm or corporation to furnish all information requested by St. Johns County, to verify statements given with this Qualifications Package.

The Undersigned further authorizes the St. Johns County, FL designee to disclose, without any liability whatsoever, any and all information contained in the qualifications package.

The Undersigned has not been disqualified by any public agency in Florida except as indicated below. (If none, insert: "N/A")

Information Technologies Group, LLC
(Full Legal Company Name)

This 10th day of October, 2017

Attest:

By:

JR COO
Name and Title of Officer
James Ruiz

APPROVED:

By:

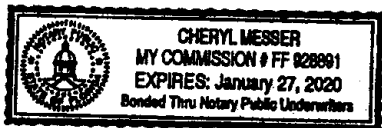
Aldo Ferrante
Name and Title of Authorized Officer
Aldo Ferrante

As Notarized

By:

Cheryl Messer

(Corporate Seal)



N/A

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

AFFIDAVIT OF SOLVENCY

STATE OF Florida

COUNTY OF Duval

PERTAINING TO THE SOLVENCY OF Information Technologies Group, LLC, being of lawful age and being duly sworn I, _____

James Ruiz as COO (ex.CEO, officer, president, duly authorized representative, etc.) hereby certify under penalty of perjury that:

1. I have reviewed and am familiar with the financial status of above stated entity.
2. The above stated entity possesses adequate capital in relation to its business operations or any contemplated or undertaken transaction to timely pay its debts and liabilities (including, but not limited to, unliquidated liabilities, un-matured liabilities and contingent liabilities) as they become absolute and due.
3. The above stated entity has not, nor intends to, incur any debts and/or liabilities beyond its ability to timely pay such debts and/or liabilities as they become due.
4. I fully understand that failure to make truthful and complete disclosure of any fact or item of information contained herein may result in disqualification or termination for cause by the County of any contract for the services provided pursuant to above referenced RFQ and/or other action(s) authorized by law.

The undersigned has executed this Affidavit of Solvency, in his/her capacity as a duly authorized representative of the above stated entity, and not individually, as of this 10th day of October, 2017.

[Signature]
Signature of Affiant

STATE OF Florida

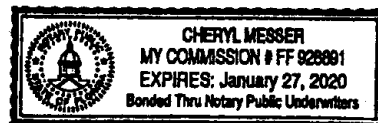
COUNTY OF Duval

Subscribed and sworn to before me this 10 day of October, 2017, by James Ruiz who personally appeared before me at the time of notarization, and who is personally known to me or who has produced _____ as identification.

Cheryl Messer
Notary Public

My commission expires:

1/27/2020



RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

AFFIDAVIT

TO: ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS
ST. AUGUSTINE, FLORIDA

At the time the proposal is submitted, the Respondent shall attach to his proposal a sworn statement.

The sworn statement shall be an affidavit in the following form, executed by an officer of the firm, association or corporation submitting the proposal and shall be sworn to before a person who is authorized by law to administer oaths.

STATE OF Florida COUNTY OF Duval. Before me, the undersigned authority, personally appeared James Ruiz who, being duly sworn, deposes and says he is COO (Title) of Information Technologies Group, LLC (Firm) the respondent submitting the attached proposal for the services covered by the RFQ documents for RFQ No: 17-79; Request for Qualifications for SCADA System Services.

The affiant further states that no more than one proposal for the above referenced project will be submitted from the individual, his firm or corporation under the same or different name and that such respondent has no financial interest in the firm of another respondent for the same work, that neither he, his firm, association nor corporation has either directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this firm's proposal on the above described project. Furthermore, neither the firm nor any of its officers are debarred from participating in public contract lettings in any other state.

James Ruiz
(Proposer)
By JRR
COO
(Title)

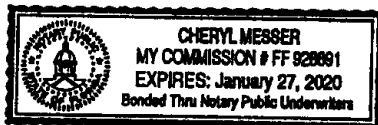
STATE OF Florida
COUNTY OF Duval

Subscribed and sworn to before me this 10 day of October, 2017, by James Ruiz who personally appeared before me at the time of notarization, and who is personally known to me or who has produced _____ as identification.

Cheryl Messer
Notary Public

My commission expires:

1/27/2020



VENDOR ON ALL COUNTY PROJECTS MUST EXECUTE AND ATTACH THIS AFFIDAVIT TO EACH PROPOSAL.

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS

CONFLICT OF INTEREST DISCLOSURE FORM

The term "conflict of interest" refers to situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting a consultant's/contractor's professional judgment in completing work for the benefit of St. Johns County ("County"). The bias such conflicts could conceivably impart may inappropriately affect the goals, processes, methods of analysis or outcomes desired by the County.

Consultants/Contractors are expected to safeguard their ability to make objective, fair, and impartial decisions when performing work for the benefit of the County. Consultants/Contractors, therefore must there avoid situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting the consultant's/contractor's professional judgement when completing work for the benefit of the County.

The mere appearance of a conflict may be as serious and potentially damaging as an actual distortion of goals, processes, and methods of analysis or outcomes. Reports of conflicts based upon appearances can undermine public trust in ways that may not be adequately restored even when the mitigating facts of a situation are brought to light. Apparent conflicts, therefore, should be disclosed and evaluated with the same vigor as actual conflicts.

It is expressly understood that failure to disclose conflicts of interest as described herein may result in immediate disqualification from evaluation or immediate termination from work for the County.

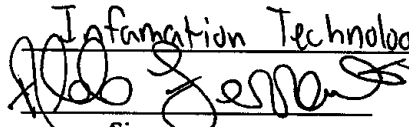
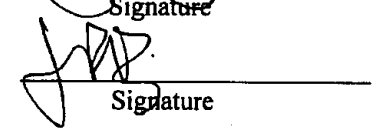
Please check the appropriate statement:

☒ I hereby attest that the undersigned Respondent has no actual or potential conflict of interest due to any other clients, contracts, or property interests for completing work on the above referenced project.

☐ The undersigned Respondent, by attachment to this form, submits information which may be a potential conflict of interest due to other clients, contracts or property interests for completing work on the above referenced project.

Legal Name of Respondent:

Authorized Representative(s):

Information Technologies Group, LLC	
	Aldo Ferrante CEO
Signature	Print Name/Title
	James Ruiz, COO
Signature	Print Name/Title

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS

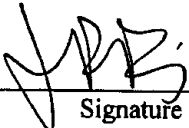
DRUG-FREE WORKPLACE FORM

The undersigned firm, in accordance with Florida Statute 287.087 hereby certifies that

Information Technologies Group, LLC does:
Name of Firm

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the danger of drug abuse in the workplace, the business' policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, employee assistance programs and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the contractual services that are described in St. Johns County's request for qualifications to provide bond underwriter services a copy of the statement specified in paragraph 1.
4. In the statement specified in paragraph 1, notify the employees that, as a condition of working on the contractual services described in paragraph 3, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Florida Statute 893, as amended, or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction or plea.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.
6. Consistent with applicable provisions with State or Federal law, rule, or regulation, make a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs 1 through 5.

As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.


Signature

October 10th, 2017
Date



St. Johns County Board of County Commissioners

Purchasing Division

September 7, 2017

ADDENDUM #1

To: Prospective Respondents
From: St. Johns County Purchasing Department
Subject: RFQ No. 17-79, Request for Qualifications for SCADA System Services

This Addendum #1 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a bid proposal that he/she has received all Addenda, and return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.

A. QUESTIONS:

1. We need to clarify the requirement on the following please. Under Part III: Requirements of This RFQ, B. 1. Experience, it states "Minimum qualifications for experience shall include: The Remote Terminal Unit/Supervisory Control and Data Acquisition (RTU/SCADA) supplier may hold a State of Florida Professional Engineering (PE) License with area of expertise in electrical engineering. A copy of the license, if applicable, shall be provided to the County or upon the County's request for any drawings stamped by, or any project overseen by, a PE subcontracted by the RTU/SCADA Supplier." Would you please clarify if the RTU/SCADA Supplier is required to have a PE on staff, or if subcontracting the PE is acceptable.

Answer: The responding firm (RTU/SCADA supplier) is not required to have a licensed State of Florida Professional Engineer (PE) on staff, the PE may be sub-contracted; however, the sub-contractor must be a licensed PE in the State of Florida. Proposed Sub-Contractors must be identified with the submitted proposal as per instructions in Section V of the RFQ document.

THE RFQ DUE DATE REMAINS SEPTEMBER 21, 2017 AT 4:00 P.M.

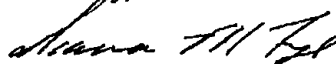
Acknowledgment

 10-11-17
Signature and Date

James Ruiz, COO
Printed Name/Title

Information Technologies Group, LLC
Company Name (Print)

Sincerely,


Diana M. Fye, CPPB
Procurement Coordinator

END OF ADDENDUM NO. 1



St. Johns County Board of County Commissioners

Purchasing Division

September 14, 2017

ADDENDUM #2

To: Prospective Respondents
From: St. Johns County Purchasing Department
Subject: RFQ No. 17-79, Request for Qualifications for SCADA System Services

This Addendum #2 is issued for further respondent's information and is hereby incorporated into the RFQ documents. Each respondent will ascertain before submitting a qualification package that he/she has received all Addenda, and return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.

CHANGE/CLARIFICATION:

Due to impacts from Hurricane Irma, the deadline for submittal and opening of qualifications packages for RFQ No. 17-79 has been extended by three (3) weeks. Sealed qualification packages are due by or before 4:00 PM (EST) on October 12, 2017.

Any and all questions or requests for information relating to this Request for Qualifications shall be submitted in writing by close of business (5:00 PM) on Thursday, September 21, 2017. Final Addendum will post by close of business (5:00 PM) on Thursday, October 5, 2017.

The evaluation of submitted RFQ packages is rescheduled for October 26, 2017.

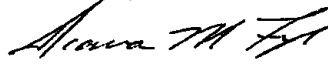
THE RFQ DUE DATE HAS CHANGED TO OCTOBER 12, 2017 AT 4:00 P.M.

Acknowledgment

 10-11-17
Signature and Date

James Ruiz, COO
Printed Name/Title

Sincerely,


Diana M. Fye, CPPB
Procurement Coordinator

Information Technologies Group, LLC
Company Name (Print)

END OF ADDENDUM NO. 2

Section 1

Company Qualifications

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Infamation Technologies Group, LLC

Attachment "1-A"

LETTER OF INTRODUCTION and INTEREST
(Attach or insert copy here)



INFORMATION • AUTOMATION • INTEGRATED SOLUTIONS

LETTER OF INTRODUCTION & INTEREST

Information Technologies Group, LLC (ITG)
11235 St. Johns Industrial Pkwy N.,
Ste. 2
Jacksonville, FL 32246
Main: (904) 425-4760
Fax: (904) 425-4759
24/7 Emergency Service: (888) 461-9810
Email: sales@itgtec.com

CEO: Aldo Ferrante
COO: James Ruiz

Since 2003, ITG has provided engineered automated and information technology solutions to enhance the productivity of businesses and industries. Currently ITG is staffed with 25 permanent employees working together to deliver technical solutions for business systems integration (vertical exchange of information, KPI, dashboards, reporting, MES), as well as automation systems including manufacturing automation, control systems design, SCADA, IIOT, data analytics, robotics, machine safety, process control, instrumentation and UL 508A industrial control panel design and manufacturing.

The ever-growing demand for collaboration between information and automation systems, is what makes ITG the ideal partner to facilitate ideas and solutions, while continuously considering a solid services-oriented architecture. These fundamental concepts and elements dissolve within the cross-functional mechanisms of information exchange, which ultimately binds decision makers, business rules and the execution and control systems they manage. ITG is committed to providing the highest quality technologies solutions; automation and design services, on time and on budget, measuring its success by customer satisfaction and reputation.

The ITG team has over 100 years combined experience in automation, controls and data systems experience. This overall experience positions ITG at the top of our market as an Information & Automation Solutions provider. We combine in a "single source" the experience to integrate all of the major controls and HMI systems on the market. ITG's core experience is in process automation systems design and support, specification/bid evaluation and contract technical services. ITG can incorporate such features as overall equipment efficiency metrics, product-based efficiency analysis and web-based reporting.



INFORMATION • AUTOMATION • INTEGRATED SOLUTIONS

Graphical touch screen operator interface applications specifically designed for municipal and industrial applications can be integrated into any project.

ITG's pursuit for continued inclusion as a St. Johns County SCADA Systems Integrator stems from the need to support local infrastructure to which ITG belongs. For half of the company's existence ITG has been providing services and solutions to the municipal water/wastewater market by expanding the automated systems, as well as optimizing and improving them. We have the experience and dedication to deliver complex, well-organized and efficient projects from whole treatment plants to small remote lift stations. We have a proven track record with St. Johns County to be a trusted and respected partner in achieving mutual goals in serving the county residents.

Certifications and Professional Affiliations

- Siemens Solution Partner
- Rockwell Automation Systems Integrator
- Wonderware System Platform Certified Systems Integrator
- Trihedral VT SCADA Certified Integrator
- Inductive Automation Gold Certified
- Parsec Partner Integrator
- Microsoft Certified Partner – Silver Independent Software Vendor
- Dell Solutions Partner
- Cognex Vision System Integrator
- VMware Certified Professional
- TechData Reseller
- Certified UL 508A Panel Shop
- CSIA Control System Integrator
- FMCA Member
- JEA Approved Panel Shop
- St. Johns County Approved SCADA Integrator and Panel Shop

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Infamation Technologies Group, LLC

Attachment "1-B"

LICENSES/CERTIFICATIONS

In the space below, each Respondent shall list all current licenses and/or certifications held relative to the required services as provided herein.

Each Respondent shall attach a copy of each current license and/or certification listed below to his proposal as instructed.

License Name	License #	Issuing Agency	Expiration Date
FL. Business License	L03000043783	State of Florida	12/31/2017
VT Scada	N/A	Trihedral	N/A
Florida PE License	74753	State of Florida	2/28/2019
UL508A Panel Shop	E327630	UL, LLC	N/A

State of Florida

Department of State

I certify from the records of this office that INFAMATION TECHNOLOGIES GROUP, LLC is a limited liability company organized under the laws of the State of Florida, filed on November 12, 2003.

The document number of this limited liability company is L03000043783.

I further certify that said limited liability company has paid all fees due this office through December 31, 2017, that its most recent annual report was filed on January 5, 2017, and that its status is active.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Fifth day of January, 2017*



Ken Detmer
Secretary of State

Tracking Number: CC1837269266

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

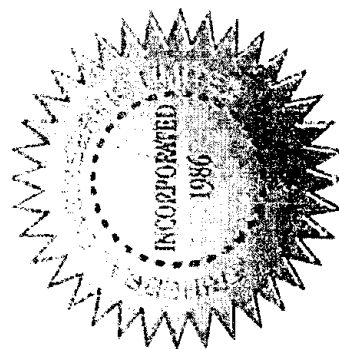
VTSCADA

Software for Monitoring & Control

Certified Solution Provider

Infamation Technologies Group LLC

September 13, 2013
Date



Patrick Cooke - Director of Marketing

State of Florida

Board of Professional Engineers

and that

Jonathan Villanueva Hernandez, P.E.



FBPE
FLORIDA BOARD OF
PROFESSIONAL ENGINEERS

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201915020 R

P.E. Lic. No:

74753



NITW.E327630
Industrial Control Panels

[Page Bottom](#)

Industrial Control Panels

[See General Information for Industrial Control Panels](#)

INFAMATION TECHNOLOGIES GROUP L L C

E327630

11235 St Johns Industrial Pky N

Suite 2

Jacksonville, FL 32246 USA

Industrial control panels.

[Last Updated](#) on 2014-03-07

[Questions?](#)

[Print this page](#)

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RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Infamation Technologies Group, LLC

Attachment "1-C"

CERTIFICATES OF INSURANCE

(Attach or insert copy here)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/10/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Harden and Associates 501 Riverside Avenue, Suite 1000 Jacksonville FL 32202		CONTACT NAME: Jeremy Blanton PHONE (A/C, No. Ext.): 904-421-5289 FAX (A/C, No.): 904-421-4331 E-MAIL: jblanton@hardeninsight.com ADDRESS: jblanton@hardeninsight.com	
INSURED Infamation Technology Group Promise Enterprises, LLC ITG Global PO BOX 3493 PONTE VEDRA BCH FL 32004		INSURER(S) AFFORDING COVERAGE INSURER A: Southern Owners Insurance Company INSURER B: Bridgefield Casualty Ins Co INSURER C: Auto Owners Insurance Company INSURER D: Continental Casualty Co. INSURER E: INSURER F:	
INFAM-1		NAIC # 10190 10335 18988 20443	

COVERAGES

CERTIFICATE NUMBER: 1787613567

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDITIONAL INSURER	WYD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY ☐ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☐ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PROJECT ☐ LOC	Y		78227537	10/27/2017	10/27/2018	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
C	AUTOMOBILE LIABILITY ☐ ANY AUTO ☒ ALL OWNED AUTOS ☐ SCHEDULED AUTOS ☒ HIRED AUTOS ☒ NON-OWNED AUTOS	Y		4700683500	10/27/2017	10/27/2018	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE ☒ DED ☒ RETENTION \$10,000			50-354-897-00	10/27/2017	10/27/2018	EACH OCCURRENCE \$5,000,000 AGGREGATE \$ \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N Y	N/A	196-44087	9/8/2017	9/6/2018	☒ WC STATUTORY LIMITS ☐ OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
D	Pollution Liability Tech E&O			596446504	3/23/2016	3/23/2018	Limit \$1,000,000 \$25k Retention

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Certificate holder is additional insured in regards to the general liability & auto liability policies.

CERTIFICATE HOLDER

CANCELLATION

St. Johns County, a political subdivision of the State of FL
500 San Sebastian View
St. Augustine FL 32084

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Infamation Technologies Group, LLC

Attachment "1-D"
CLAIMS, LIENS, LITIGATION HISTORY
(Complete and Submit)

1. Within the past 7 years, has your organization filed suit or a formal claim against a project owner (as a prime or subcontractor) or been sued by or had a formal claim filed by an owner, subcontractor or supplier resulting from a construction dispute? Yes _____ No X If yes, please attach additional sheet(s) to include:

Description of every action Captions of the Litigation or Arbitration

Amount at issue: N/A Name (s) of the attorneys representing all parties:

Amount actually recovered, if any: N/A

Name(s) of the project owner(s)/manager(s) to include address and phone number:

N/A

2. List all pending litigation and or arbitration.
3. List and explain all litigation and arbitration within the past seven (7) years - pending, resolved, dismissed, etc.
4. Within the past 7 years, please list all Liens, including Federal, State and Local, which have been filed against your Company. List in detail the type of Lien, date, amount and current status of each Lien.

N/A

5. Have you ever abandoned a job, been terminated or had a performance/surety bond called to complete a job?

Yes _____ No X If yes, please explain in detail:

N/A

6. For all claims filed against your company within the past five-(5) years, have all been resolved satisfactorily with final judgment in favor of your company within 90 days of the date the judgment became final? Yes _____ No X
If no, please explain why? N/A

7. List the status of all pending claims currently filed against your company:

N/A

Liquidated Damages

1. Has a project owner ever withheld retainage, issued liquidated damages or made a claim against any Performance and Payment Bonds? Yes _____ No X If yes, please explain in detail:

(Use additional or supplemental pages as needed)

Section 2

Qualifications of Staff and Sub-Contractors/Suppliers

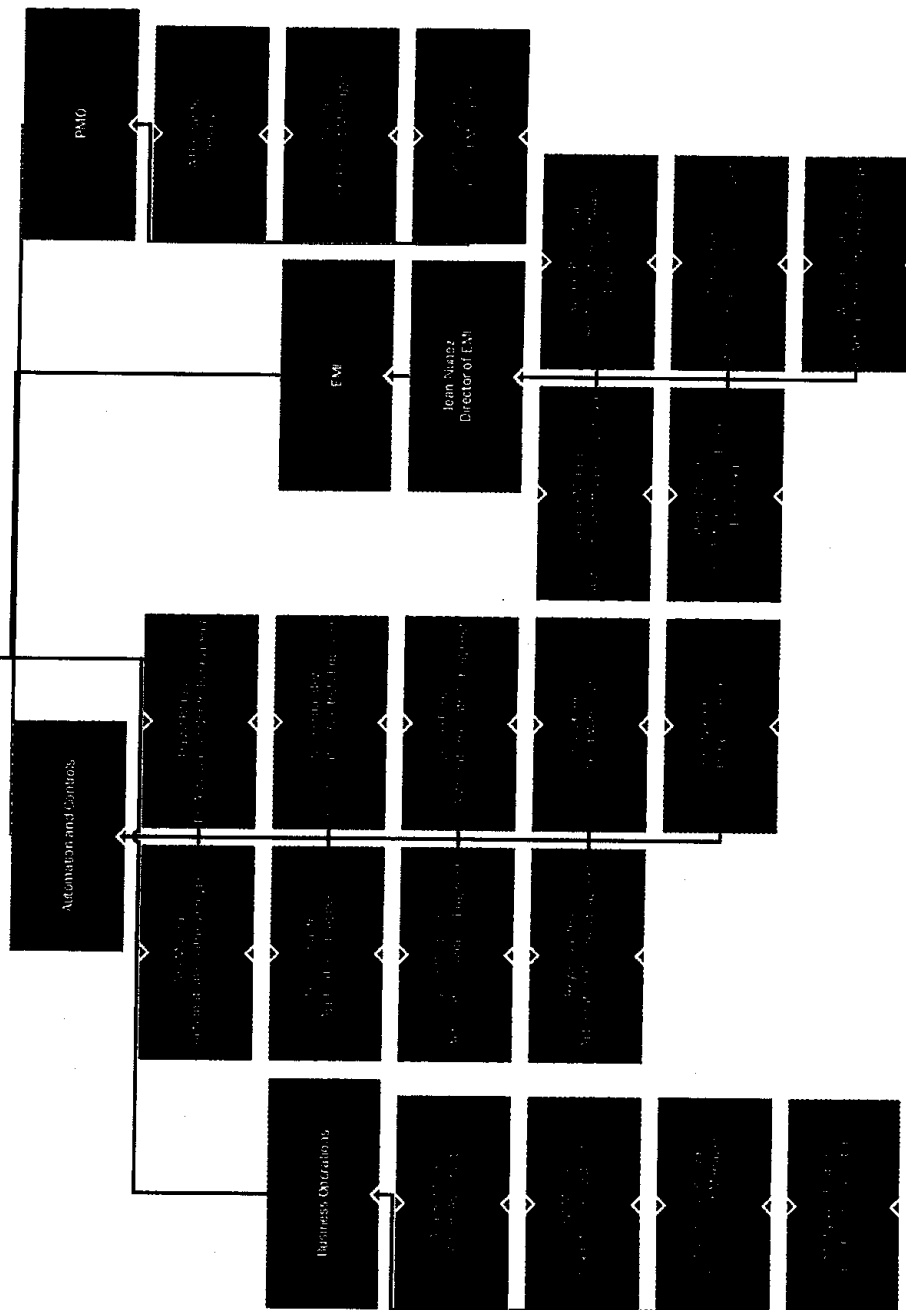
RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Infamation Technologies Group, LLC

Attachment "2-A"
COMPANY ORGANIZATION CHART
(Attach or insert copy here)



Alfa Furanic C10	James Hart C30



RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

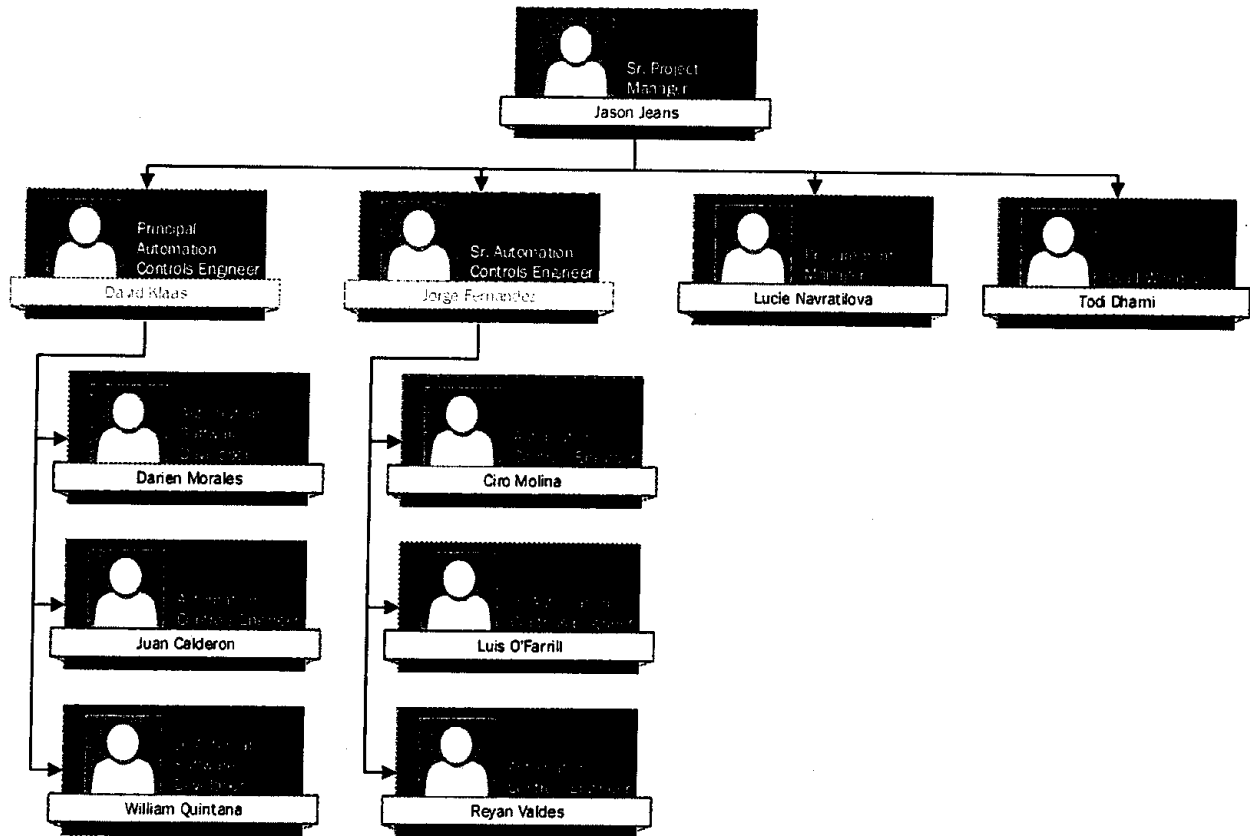
Full Legal Company Name: Infamation Technologies Group, LLC

Attachment "2-B"
PROJECT TEAM ORGANIZATION CHART
(Attach or insert copy here)



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Project Team Organization



Roles and Responsibilities

- **Project Manager** – Manages all aspects of the project including all stakeholder interactions, schedule, budget, scope, change management and closeout activities.
- **Principal/Sr. Automation Controls Engineer** – Technical leader for the design and quality of the project and assigns task to engineers and developers. Assists the project manager with any issues pertaining to schedule, budget and scope.
- **Automation Controls Engineer** – Primary responsibilities are developing code, as well as controls device, instrumentation, and HMI start-up and commissioning activities.
- **Automation Software Developer** - Primary responsibilities are writing code as it pertains to the design documents. Provides feedback with regards to design and quality of the project.
- **Jr. Automation Controls Engineer/Software Developer** – Assists with code writing, as well as testing, start-up, commissioning and documentation. Performs quality tests under the guidance of senior team members.
- **Procurement Manager** – Handles all vendor and manufacturer relationships as well as purchasing, receiving, reconciliation and inventory control of project materials.
- **Lead Wireman** – Responsible for all panel builds, custom fabrication, in-house and field wiring.

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Infamation Technologies Group, LLC

Attachment "2-C"

KEY PERSONNEL LIST

In the space below, list all qualified personnel who are permanent employees of the company that may be utilized to perform the required scope of services. Attach brief but comprehensive resumes for each staff member listed below

Employee Name	Employee Title	# Years Employed	Total # Yrs. Experience
Ciro Molina	Automation Controls Engineer	3	6
Darien Morales	Control Software Engineer	3	15
David Klaas	Principal Automation Controls Engineer	1	25
Jason Jeans	Senior Project Manager	1	12
Jona Hernandez, P.E.	Principal Automation Controls Engineer	6	19
Jorge Fernandez	Senior Automation Controls Engineer	5	42
Juan Calderon	Automation Controls Engineer	3	5
Reyan Valdez	Automation Software Developer	7	25
William Quintana	Jr. Automation Software Developer	4	6
Luis O'Farrill	Jr. Automation Controls Engineer	1	1

Ciro Molina

Automation Controls Engineer

Project Experience

- JEA - Blacks Ford WRF Phase 4
 - Siemens S7-1500 software implementation
 - Siemens Comfort TP1200 HMI implementation
 - Siemens WinCC implementation
 - Instrumentation drawings design
 - System startup and testing
- Neptune Beach - Wastewater, Plant Expansion Project
 - Siemens S7-300 software implementation
 - YASKAWA VFD Pump loop integration
 - Control Valve loop integration
 - System startup and testing
- Johnson & Johnson Vision Care - Main Conveyor Safety Upgrade
 - Control Panel drawings design
 - Allen Bradley GuardLogix software implementation
 - Safety report/documentation development
 - System startup and testing
- Anchor Glass - Sprayers 1-8 Control Panel Upgrade
 - Allen Bradley Micro850 software implementation
 - Allen Bradley PV800 HMI implementation
 - Control Panel/HMI drawings design
- CRI - Pipe Mesh Coil Welding Machine
 - Siemens S7-1500 software implementation
 - Siemens Comfort TP1500 HMI implementation
 - Siemens WinCC implementation

Contact Information:

Information Technologies Group, LLC
11235 St. Johns Industrial Parkway
North, Unit 2, Jacksonville, FL 32246
Main 904.425.4760
Fax 904.425.4759
Cell 904.248.1447
cmolina@itgtec.com
www.itgtec.com

Profile:

Experience in design, manufacturing, installation, and support of Industrial Automation technology.

Proficiencies/Certifications:

- Simatic S7-1200/1500.
- Simatic S7-300/400.
- WinCC/WinCC Flex
- SINAMICS VFDs
- Allen Bradley PLC5, SLC5
- Allen Bradley CompactLogix, ControlLogix
- FactoryTalk View ME/SE
- RSLinx
- PowerFlex VFDs
- Yaskawa VFDs
- EATON VFDs
- Wonderware Intouch
- Kepware OPC Server

Darien Morales-Arbolaez

Software Developer

Project Experience

PRISM (CALVARY AND J&J)

Jacksonville, Florida

Role: Software Developer

Developing the SCADA for the Lens manufacturing machine. Coding some of the algorithms that mathematically creates the model of the product before it is manufactured. Coding the integration between some applications inside the SCADA, using technologies like Ignition, Redis, Dot Net .

TRAKSYS--SPC SOFTWARE IMPLEMENTATION (J&J)

Jacksonville, Florida

Role: Software Developer

Developed the solution using the Traksys platform. Design the data acquisition, Implementing the P-Charts (SPC), designing the web interface. Designing an intelligent system that track changes on the production quality and generates notification to certain users, and their feedback information is stored into the database.

UDI (UNIQUE DEVICE IDENTIFICATION)IMPLEMENTATION SERVICES (J&J).

Jacksonville, Florida

Role: Automation Controls Engineer

HMI Software Development and offsite testing and debugging. MES software development of Archestra and Dot Net software.

PLC Software development, includes discovery, engineering and offsite testing and debugging with emulation.

WIRELESS SENSOR NETWORK USING ZIGBEE PROGRAMMING AND DEVELOPMENT TOOLS.

Fredericton, New Brunswick, Canada

Role: PhD. Student and Researcher.

Design a wireless network using the standard Zigbee, programming the firmware for Ember microcontrollers (EM357) in order to configure the network and execute DSP algorithms inside the sensors.

RADIO EQUIPMENT MEASURING SYSTEM USING VIRTUAL INSTRUMENTATION (LABVIEW).

Santa Clara, Villa Clara, Cuba

Role: Electronic Engineer and College Professor

Design the software to control radio equipment through a computer in order to perform digital signal acquisition and analysis inside the PC. Using DSP techniques detecting and localizing the signal of interest inside the frequency band of the radio equipment.

THIN-CLIENT TECHNOLOGIES IMPLEMENTED AT UNIVERSITY COOPERATIVE OF COLOMBIA (UCC).

Neiva, Huila, Colombia

Role: Electronic Engineer and College Professor

Advising on a project for Thin-Client technologies Implemented at University Cooperative of Colombia (UCC). The project was presented as a master dissertation at the same University.

Contact Information:

Information Technologies Group, LLC
11235 St. Johns Industrial Parkway
North, Unit 2, Jacksonville, FL 32246
Main) 904.425.4760
Fax) 904.425.4759
Cell) 904.307.2704
dmorales@itgtec.com
www.itgtec.com

Profile:

Working in the Automation and Software development profession for 3 years at ITG Experience in the field of DSP (Digital signal processing) researching and Electronics, providing background in different developing platform, data acquisition and (DSP) techniques. My background in Control Theory, Automation and Computer Science, provides me the ability to design, develop and oversee different data processing techniques. Experience in the field of Telecommunications and Electronics applied to the Microcontrollers. Some papers have been published as a result of these years of research, study and work.

Proficiencies/Certifications:

- Ignition (SCADA platform)
- Dot Net Developer C#
- TrakSYS
- Archestra System Platform. (SCADA platform)
- InTouch HMI Wonderware
- C/C++,
- LabVIEW,
- Matlab,
- Assembler for Intel microcontroller.
- Digital Signal Processing.
- TCP/IP, Telecommunications.
- Zigbee network programming and development.
- Microsoft Office, Windows OS.
- College teaching and course management.

David M. Klaas

Principal Automation Controls Engineer

Project Experience

- **Barrick Gold Corporation; Dewatering SCADA**
 - Logix 5000 software development and implementation
 - WonderWare InTouch HMI development and implementation
 - Solar-Powered Field Stations designed for 56 remote locations
 - Automated data collection with Historian ME cards tied to Pi Historian
 - Instrumentation drawings design
 - Hardware specified, purchased and deployed
 - System startup and testing
- **PCS Phosphate; Segregated Controls Network**
 - Designed and Deployed dedicated Fiber Backbone across 165K SQ Acres
 - 150+ dedicated Stratix 5700 Managed Switches configured and deployed
 - 20+ Specified Dell PowerEdge Blade Servers configured and deployed...
 - ...running 50+ Virtual Machines
 - ThinManager, WinTMC, SolarWinds, AssetCenter, VCenter, VSphere
 - 150+ ACP Arista Industrial Thin Clients configured and deployed
 - Cisco Network Monitoring Tools
 - Designed to ISA-95 Standards
 - System deployment, startup, testing and administration
- **PCS Phosphate; Effluence Environmental Pumping Project**
 - Designed and Deployed Electrical (Power Distribution) and Controls
 - 14.4KV to 480V Oil-Cooled Pad-Mounted Transformer
 - 3 External MCC Soft-Starts (2-450HP and 1-250HP) and 1 Main
 - 3 Yokagawa Flowmeters with Wireless Telemetry for data collection
 - 40+ miles of HDPE pipe for water relocation and usage
- **Roseburg Forest Products; SKOOG Veneer Plugging and Inspection Line**
 - Designed and Deployed Electrical (Power Distribution) and Controls
 - Interfaced manual controls from 8 1950's-era SKOOG's to DCS
 - Added 8 GE Fanuc 6-Axis Robots in-place of human operators
 - Developed Digital Imaging for defect location and quality
 - Added Fully-Automated Conveyance System to move veneer
 - ControlLogix 5000 PLC and Software with WonderWare HMI
 - Proprietary Data Imaging and Grading Software
- **PCS Phosphate; Liming Station Treatment Plant Upgrade**
 - Designed and Deployed Electrical (Power Distribution) and Controls
 - Specified all instrumentation for water movement and control
 - Upgraded outdated 1990's technology to 2016 standards
 - Added HMI controls to existing PlantPax system
 - ControlLogix 5000 with local HMI and ThinClient Workstations
 - Integrated with Process Control Network via Single-Mode Fiber

Contact Information:

Information Technologies Group, LLC
11235 St. Johns Industrial Parkway
North, Unit 2, Jacksonville, FL 32246
Main 904.425.4760
Fax 904.425.4759
Cell 904.238.9957
dklaas@itgtec.com
www.itgtec.com

Profile:

Highly driven and competent electrical engineer with proven results in leadership, management, coordination and design of multiple on-going projects with supervision of 55+.

Proficiencies/Expertise:

- S 7 - 3 0 0 / S 7 - 400 /1200/1500
- GE Fanuc, KUKA Robotics
- Allen Bradley, RSVIEW32, Studio 5000, FactoryTalkView (ME & SE)
- WonderWare; IO Servers, Historian (and Historian Clients), Terminal Services, InTouch IDE, QI Analyst, InBatch, Information Server and Client Access License
- RSLink, Kepware/TopServer OPC
- VFD's: PowerFlex, ABB, Eaton/Cutler Hammer, Vector Yaskawa
- Vega, Yokagawa, Rosemont, Krohne and other instrumentation
- MySQL, SQL Server / Reporting Services
- MS Access, ODBC, ADO, InSQL, MySQL, Pi Historian
- C/C++, C#, HTML, Java
- Crystal Report, Visio, MS Project, All Microsoft Office products
- Industrial Ethernet, Modbus, Fieldbus, Profibus, ControlNet, DeviceNet, Fiber (Multi-Mode and Single-Mode)

Certifications:

- OSHA Construction 2017
- MSHA Annual 2017
- Fiber Technician 2013
- INSQL Integrator 1997

Jason Jeans

Senior Project Manager

Project Experience

Jacksonville Electric Authority

Blacks Ford Water Reclamation Facility

This project is an expansion of the 2 MGD plant to 6 MGD. ITG is providing the Instrumentation and Controls for this Water Reclamation Facility. This involves a new HMI and SCADA system and all new controls systems. Responsible for management of the overall scope and budget of the project. Responsible for managing the integration efforts between ITG and all other package systems. This includes coordination of JEA's HMI and SCADA standards and procedures.

Buckman Wastewater Facility

Buckman Wastewater Facility is a 52.5MGD plant and ITG continues to support their operations and expansion after a recent retrofit. Responsible for managing projects at this facility ranging from new device installation and integration to new Loop Control development and implementation.

Saint Johns County Utility Department

Lift Stations: Various locations

ITG is one of STJCUD approved vendors for installation of their standardized lift station design. Managed client coordination and system installation for various locations around St. John's County.

Anastasia Island Filter Replacement

ITG was awarded the instrumentation and controls section of this project. Responsible for the internal management of this projects scope, budget and engineering. Responsible for coordinating ITG's efforts with the general contractor and with St. John's County Utility Department itself.

Argos Cement

Newberry Plant

ITG was awarded a contract to update the PLC CPU's and to convert the existing code from FactoryTalk to PlantPAX. ITG is also responsible for providing a new redundant system architecture. Responsible for all client, scope, budget management, organizing and coordinating the User Requirements Specifications and Software Design Documents, to convert the existing HMI layout to a new High Performance HMI.

Concho Resources

Concho Plaza Command and Control

Responsible for developing the User Requirements, product development and implementation of a customized web based command and control platform for Concho Resources.

Customs and Border Protection: Rail Targeting Unit

RTU Command and Control

Responsible for development of the User Requirements, product development and implementation of a customized web based command and control platform for the CBP RTU.

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Fax 904.425.4759
Cell 904.314.4427
JJJeans@itgtec.com
www.itgtec.com

Profile:

Integration veteran with over a decade in project management and product development experience.

Proficiencies/Certifications:

- Project Management.
- Risk Management
- Budget Control
- Client Management
- Program Management
- Product Development
- Networking
- Servers & Storage
- Cisco Certified

Jorge Fernandez Aballi

Senior Automation Control Engineer

Project Experience

Pipe Mesh Line at CRI

Jacksonville, FL

Role: Project leader; Participation in technological and automation solutions and figured out a link between mechanical and electrical parts. Design power, automation, network, VFD and servo drive solutions, using TIA Portal S71500 Safety, with Motion Control developed in the PLC., Sinamics S120 (9) and Sinamic G120 (8) drives and WinCC Pro V13 for the SCADA. We used Profinet and Profisafe over ET200sp and prepared project documentation.

Power, Automation and Mechanical solution for the Blade Control System at Nuclear Reactor/ UF

Florida University, Gainesville

Role: This project has a complex mechanical solution and electrical control-monitoring via two independent networks. Selection and sizing of the mechanical and electrical parts. Designed the control solution (4 x 2 ET200sp/ Profinet) to meet with this Nuclear Plant specification.

Power and Automation solution for Exhaust System at Nuclear Reactor in UF

Florida University, Gainesville

Role: Participated in the correction of technological solutions. Designed the power and automation solution to handle, in local mode and remote mode, the new Exhaust fan for the Lab Nuclear Reactor. The solution was with TIA portal S71200 and Modbus TCP communication.

Upgrade the Safety level in 5 Automatic "Kardex" Vertical Storage Machines at Vistakon

Jacksonville, FL

Role: This project was to upgrade the Safety requirement for the Kardex machine to PL D, Cat 3. This solution was repeated in similar way in more than 20 similar machines (each solution is different). Selection of Allen Bradley Safety Components. Design and development and startup for 5 machines.

Power, Automation Solution for Ardagh Glass Vibratory Feeders.

Jacksonville, FL

Role: Design two control panels for the Glass Conveyor feeders for furnace. We used RSlogix 5000 PLC and Plant PAX SW.

Integral Power, Automation & Technological Solution for Pathway Biologic plant

Plant City, FL

Role: Project leader. This was a complete project with close client interaction. This client has an scale production of some chemical product and he requested our support to move forward to First Level Industrial Production. We participate in the Technological design. We did the Power and Automation solution for the operation of four reactors. We supply Power and Control Panels and some fields instruments. The solution was with TIA portal S71500, Comfort Panel, Micromaster, Profibus DP.

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Fax) 904.425.4759
Cell) 904.228.1950
jfernandez@itgtec.com
www.itgtec.com

Profile:

Very good expertise in the System Integration activity in the Power and Automation area and some Mechanical and Technological applications for new or for upgrade industries.

Integrate solutions for Power, VFDs, Servo Drive, PLCs, HMI, DCS and Instrumentation.

Excellent expertise in Instrumentation solutions

Proficiencies:

- PLC Siemens, S5 family, S7 family, & S7 TIA portal
- PLC Allen Bradley , RSlogix 5000 + Plant PX
- Schneider's PLCs
- Unitronics PLC
- DCS: PCS7.V7 from Siemens
- Drives (VFD), Siemens, Schneider, Automation Direct, AB others
- Industrial Instrumentation for Level, Flow, Pressure, Temperature, Positioning, PH, Weigh...Process Automation..
- Power control devices, different brands
- Different SW associated to each of the devices above.
- AUTOCAD

Integral Power & Automation Solution for HUMIC ACID plant

St. Augustine, FL

Role: MCC design, PLC, HMI, Control Panel design, S7 1500 TIA Portal PLC programming.

Full start up included VFDs and Instrumentation.

VFTechnical Service INC, Tri Cities TN

Developed complete Power and Automation solution for different industries. Bring Automation, Instrumentation , VFD Service for different industries.

PLCs; Simatic S7 300, S7 400, S7 1200. AB; RSlogix 5000, Hitachi, Schneider, others.

DCS: PCS7

VFDs: Micromaster, Automation Direct, Baldor, Schneider

Instrumentation: Siemens, Rosemount, Vega, Dwyer, Kobold

RADIO and GSD: Phoenix Contact.

Industries:

AGC; Flat glass industry

MXI; Ethanol recovery plant

Bloomington; Water Plant

Mountain City; Water Plant

Virginia Cooling Tower Research Center

About 10 Bioethanol plants (Updating service in the DCS and PLC + Troubleshooting)

Design a successful application for a Thermal Oxidizer Solution for Bioethanol

Vanguard Biodiesel Plant in New Orleans (Full integral design commissioning and start up)

JATRODIESEL INC, Miamisburg OH: (2006-2009)

Develop the complete Power, Automation, Instrumentation solution for 9 Biodiesel Plants in USA and Canada.

Responsible for:

Designing the Power and Automation Solution

Prepare the proposal for the Power and Automation Solution

Purchasing of all necessary components and commissioning

Management of the installation.

Design of the MCC and control panels

Programming each device

Start-up

Design and Automation TIA Portal lab. For CBT Technological Institute in Miami.

Juan R. Calderon

Automation Controls Engineer

Project Experience

- City of Deltona, Fisher Plant - Radio Equipment Support
 - Support for Zetron Remote Terminal Units system to integrate digital and analog outputs from SCADA
 - Allen Bradley CompactLogic PLC
 - Rockwell RSLogix 5000 software implementation
 - Wonderware Archestra System Platform and InTouch HMI application implementation
- Atlantic Beach - Chemical Storage Integration Project
 - Rockwell RSLogix 500 programming (SLC 500)
 - VTScada 11.2 programming
 - System startup and testing
- PepsiCo - ABB Flowmeter Changeout Project
 - Rockwell RSLogix 500 software implementation (SLC 500)
 - Rockwell FactoryTalk Machine Edition application implementation
 - Rockwell RSView Machine Edition application implementation
 - Configure ABB Electromagnetic Flowmeter
 - System startup and testing
- PCS Phosphate - Sulfur Unloading Launder Project
 - Rockwell RSLogix 5000 software design and programming (ControlLogix)
 - Rockwell FactoryTalk Site Edition and PlantPAx design and implementation
 - System startup and testing
- Johnson & Johnson Vision - R&D HTS PG Tanks Addition Project
 - Update Rockwell 5000 software (ControlLogix)
 - Update Wonderware InTouch HMI application
 - System startup and testing
- Johnson & Johnson Vision - Unique Device Identification Implementation Project
 - Simatic/TI APT programming
 - Siemens Step 7 programming
 - Wonderware InTouch programming
 - System startup, testing and support
- PetPlastic, Puerto Rico - Batch Room Project
 - Rockwell RSLogix 5000 software implementation (ControlLogix)
 - Rockwell FactoryTalk Site Edition and Plant PAx implementation
 - Rockwell FactoryTalk Batch implementation
 - PowerFlex VFD configuration
 - System startup and testing

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jcalderon@itgtec.com
www.itgtec.com

Profile:

Expertise in engineering design, integration, implementation, validation and support of automation control systems.

Years of Engineering Experience:

5

Proficiencies/Certifications:

PLC

Rockwell RSLogix 5, 500, 5000
Rockwell Studio 5000
Omron CX-Programmer
Simatic/TI APT
Siemens Step 7 Classic

DCS

Rockwell PlantPAx

OIT/HMI/SCADA software

Rockwell FactoryTalk
Machine Edition
Rockwell FactoryTalk Site
Edition
Rockwell FactoryTalk
Machine Edition
Rockwell RSView32
Rockwell Panelbuilder32
Wonderware InTouch
VTScada
RedLion Crimson

VFD

AB PowerFlex VFDs

Reyan Valdes

Automation Software Developer

Project Experience

WWTP OnSyte Project

Volusia, Florida

Role: Software Developer

Responsible for the PLC/HMI development and programming, testing, S7 1200 small SBRs batch sequence programming and report generation.

SORBA IoT Platform

Jacksonville, FL

Role: Software Developer and hardware engineering

Responsible for designing and programming the Smart Data Collector core for the data collection platform. Development and programming of multiple drivers: J1587, CAN Bus, Modbus TCP, Modbus RTU, EtherNet/IP, Weather Station, OPC UA, MySQL, Profinet, TwinCAT, ELM, TransiHound and for railroad drivers: EMDEC, QES, RCL, TCC, EM2000.

WWTP Orange County

Orange, Florida

Responsible for the PLC/HMI development and programming, testing, S7-300. Updated 1200 Modbus TCP gateways.

UDI Project

Jacksonville, FL

Role: Software Developer

Responsible for upgrading the control systems for Line 96 & 98 to handle new UDI code inspection, Johnson-Johnson Vision Care

Upgrading JEA WWTP: Southwest, Buckman, Mandarin

Jacksonville, Florida

Role: Software Developer and engineering leader

Responsible for PLC Driver/Control Loops design and programming, WinCC Faceplates/ screen design, software document designing, simulation testing, project tasks definition.

Jacksonville Beach WWTP

Jacksonville Beach, Florida

Role: Software Developer

Responsible for HMI development, S7 400 entire SBRs batch sequence programming.

ScottSafety- Gas Monitoring System.

Washington DC

Role: Software Developer

Responsible for Indusoft HMI development, CompactLogix PLC program design, FAT document.

BCR – Accelerated Compost System

Jacksonville, Florida

Role: Software Developer

Responsible for Indusoft HMI development, SQL Server 2008 DB, reporting services set-up, reports designing, FAT document.

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rvaldes@itgtec.com
www.itgtec.com

Profile:

Expertise experience in developing of automated systems especially related with Pharmaceutical and Waste Water Treatment Plants. Has established standardized methodology to validate computer systems, according to FDA, GAMP, ISO. Strong knowledge of Object-Oriented Languages and Object-Oriented Design with experience creating functional and powerful enterprise software. Possess expertise of modeling and designing complex database systems in different platforms.

Proficiencies:

- S7-300/S7-400 /1200/1500
- TIA Portal, WinCC Professional
- WinCC, WinCC Flex
- Allen Bradley, RSView32
- InTouch HMI Wonderware
- Indusoft Web Studio
- RSLinx
- Kepware/TopServer OPC.
- MS Visual Studio
- MySQL, SQL Server / Reporting Services
- MS Access, ODBC, ADO, InSQL, MySQL
- C/C++, C#, HTML, Delphi, Assembler code
- Crystal Report, Borland JBuilder, Borland Delphi, NetBeans, Visio, CA Erwin, MS Project.
- Dreamweaver.
- Industrial Ethernet, Modbus, Fieldbus, Profibus, MPI, RS 485, RS232, CAN Bus, J1587.
- **Certifications:** OSHA 2017, Siemens Automation 2014, Indusoft 2012

William Quintana

Automation Control Engineer

Project Experience

SCADA, Prism / JJVCI

Jacksonville, Florida

Role: Automation Controls Engineer, SCADA Developer

- Design, implement and develop a SCADA system for the complete supervision of the Lens Building Machine Software Development (Ignition by Inductive Automation).
- HMI Software Development (Ignition by Inductive Automation).
- Python Scripting to develop SCADA customs functions.
- SQL Server discovery, engineering, offsite testing and debugging.
- PLC Software discovery, engineering, offsite testing and debugging with emulation (Studio 5000, Rockwell) .

SCADA, City of Deltona Eastern Water Reclamation

Facility Jacksonville, Florida

Role: Automation Controls Engineer, SCADA Developer

- Design, implement and develop a SCADA system for the complete supervision of the plant. Software Development (ArchestrA System Platform, Wonderware).
- HMI Software Development (Intouch, Wonderware).
- PLC Software discovery, engineering, offsite testing and debugging with emulation (Studio 5000, Rockwell) .

UDI (UNIQUE DEVICE IDENTIFICATION)IMPLEMENTATION SERVICES (JJVCI).

Jacksonville, Florida

Role: Automation Controls Engineer, HMI Developer

- HMI Software Development (Intouch) . Offsite testing and debugging. MES software development (ArchestrA System Platform) .
- PLC Software development, includes discovery, engineering and offsite testing and debugging with emulation (APT and RSLogix5000) .

Magnemotion / JJVCI

Jacksonville, Florida

Role: Automation Controls Engineer, HMI Developer

- HMI (Intouch) for a Control Logix (RSLogix5000) code made for the new Modular Material Handling Platform that will use Magnemotion technology.
- PLC Software testing and debugging(RSLogix5000)

Automation of Concrete Machines

Cuba

Role: Automation Controls Engineer

- Design, implement and develop projects using PLC Siemens s7200 (software Step 7) and HMI (software Movicon). Electrical connections, sensor connections, drawings, the entire work. Part of a team .

Development and implementation of electrical panels.

Cuba

Contact Information:

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11235 St. Johns Industrial Parkway
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Main) 904.425.4760
Fax) 904.425.4759
Cell) 904.304.9477
wquintana@itgtec.com
www.itgtec.com

Profile:

Automation Engineer with over five years experience in diverse manufacturing and production environments.

Experience in commissioning, troubleshooting and maintaining automated electromechanical systems. Preparation and interpretation of electrical schematics. Development and implementation of electrical panels. Design and implementation of application using PLC, SCADA and HMI. Working with MES software.

Proficiencies/Certifications:

- Ignition, Inductive Automation (Certified)
- InTouch HMI Wonderware (Certified)
- ArchestrA System Platform (Certified)
- OPC
- Rockwell
- Siemens (Limited)
- APT
- AutoCAD
- Microsoft Office, Windows OS
- Language: Spanish, English

Luisney O'Farrill

Jr. Automation Controls Engineer

Project Experience

- * Johnson & Johnson Vision Care - Main Conveyor Safety Upgrade
 - Control Panel drawings design with AutoCAD.
 - Safety Upgrade related control system for machinery.

- * JEA - Blacks Ford WRF Phase 4
 - Electrical and Instrumentation Design with AutoCAD

- * Hans Mill Corporation
 - Commissioning of an entire production line for material handling/conveyors industry.
 - Pneumatic, Hydraulic Systems.
 - Sequential Programming of ABB Robots.

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lofarrill@itgtec.com
www.itgtec.com

Profile:

Experience in AutoCAD design, manufacturing, installation, support of Industrial Automation Technology and Robotics.

Proficiencies/Certifications:

- Pneumatic, Hydraulic.
- ABB Robots commissioning
- Yaskawa VFDs
- Simatic S7-300/400
- Allen Bradley PLC5, SLC5
- RSLinx
- PowerFlex VFDs
- Safety related control system for machinery
- Network and Electrical installations

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Infamation Technologies Group, LLC

Attachment "2-D"

LIST OF PROPOSED SUB-CONTRACTORS

Each Respondent shall provide any and all subcontractors or major materials suppliers proposed to perform any portion of work specified herein. Attach Brief comprehensive resumes, including any and all licenses/certifications held. All proposed subcontractors are subject to approval by the County.

DIVISION OF WORK

Electrical

Electrical

RF Network Repair & Installation

NAME AND ADDRESS OF SUBCONTRACTORS

Cogburn Bros., Inc. 3300 Faye Road, Jacksonville, FL, 32226

O.S.Brown Electric 1459 Forest Lane, Jacksonville, FL, 32259

Technical Field Service Inc.
3165 St. Johns Bluff Rd. Jacksonville, FL 32246



3300 Faye Road, Jacksonville, FL 32226 • 904-358-7344 • www.cogburnbros.com

We appreciate your interest our company. Cogburn Bros. Inc. was founded in 1977 by Ron and Larry Cogburn. Our electrical division is lead by an experienced staff of project managers and estimators possessing extensive knowledge in design build projects. Our mechanical division provides services ranging from process pipe fitting, welding to equipment installations. Our diverse operation is capable of providing construction, maintenance, mission critical power, management and services from small to multi-million dollar projects.

Our corporate mission statement is to provide quality service that exceeds our client's expectations, on schedule and within budget. We strive for excellence and stress safety on all of our projects.

Divisions

- **Electrical** – Specializing in industrial electrical construction, electrical and instrumentation controls, fiber optic termination, high voltage terminations, maintenance and services in the following market areas:
 - Water / Wastewater Plants (including design build projects)
 - Pulp / Paper Mills
 - Chemical Plants
 - Manufacturing Facilities
 - Mining Facilities
 - Generating Plants
 - Critical Power
- **Mechanical** – We perform all types of Mechanical Industrial and Commercial installations: stainless / carbon steel pipe welding, fabrication, mechanical pipe fitting, process piping, Millwright and Civil work. Equipment installations: chillers, vessels, conveyor systems and specialty installations. Work performed in the following market areas:
 - Water / Wastewater Plants (including design build projects)
 - Pulp / Paper Mills
 - Chemical Plants
 - Manufacturing Facilities
 - Mining Facilities
 - Generating Plants
 - Commercial Facilities

- **Mission Critical Power** – We specialize in the preventative maintenance and service of Mission Critical facilities while maintaining 100% uptime to your business. Cogburn Brothers offers a turn-key solution to critical power and mechanical cooling infrastructure upgrades. As your single point of contact, we have the resources and product knowledge to lead projects to contain costs, coordinate resources and equipment and ensure timely project completion. We provide the following services:
 - UPS and Battery Installations
 - Chillers – Conditioned Air Installations
 - Process Piping
 - SCADA
 - Infrared Thermography
 - Generator Installations
 - Commissioning
 - Maintenance
 - Design Build
 - Monitoring
 - Power Assessments

Projects

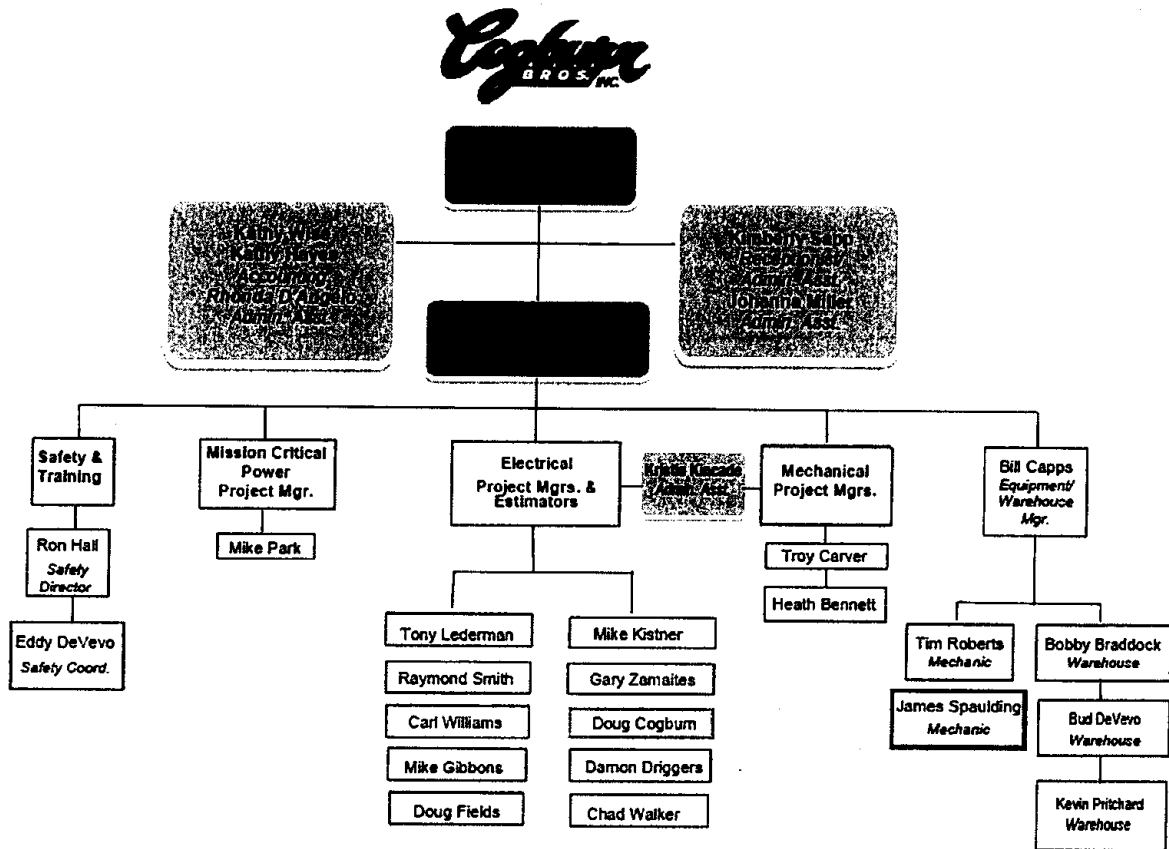
Cogburn Bros., Inc. has the knowledge, experience and leadership to successfully complete projects ranging from small package plants, and lift stations to large industrial facilities including water/wastewater treatment plants. We have completed single projects in excess of \$17 million dollars. Regardless of size or value, we provide the same quality workmanship on all projects.

Personnel

Through our team of experienced professionals, we work closely with our customers, building relationships learning and understanding the requirements unique to each customer. We can draw upon years of practical experience to recommend value engineering and cost saving ideas to each client. Our management staff has remained loyal to our company and many of them have been with us for over 30 years.

Our field superintendents and foreman have extensive field management expertise including advanced education training. All of our electricians have been through a comprehensive apprenticeship program and have field experience in the industrial market. All of our electricians hold either a journeyman or master craftsman certificate.

Company Organization Chart



Safety is a focus on every project and jobsite. Our field managers are provided with CPR and first aid training, and continually update their knowledge of OSHA and other safe work practices. Cogburn Bros. safety director ensures that our safety program is in compliance with all federal, state and local regulations. We believe that safety is the responsibility of every employee of Cogburn Bros., Inc. We have an excellent safety record:

- TRIR (Total Recordable Incident Rate)
 - 2014 - .47
 - 2015 - .74
 - 2016 - .34
- EMR (Experience Modification Rate)
 - 2014 - .71
 - 2015 - .67
 - 2016 - .63

Awards

Cogburn has been recognized many times over the past few years for contributions to the industry, for safety and for personal accomplishments.

- Anheuser Busch, "Proud to be Safe" award, 1996 and 2007
- MWH Constructors, "Outstanding Safety Award", 2007
- National Electrical Contractors Association, James H. McGraw Award
- Design Build Institute of America, Ave Maria project in Florida, 2007
- DBIA Project of the Year Award, Bonita Springs Waste Water Treatment Plant, 2008
- DBIA Project of the Year Award, North Lee County Water Treatment Plant Expansion, 2012
- National Design Build Award, North Lee County Water Treatment Plant Expansion to 10 MGD, 2013

License

- Alabama Electrical Contractor – 01738
- Florida Certified State Electrical Contractor – EC0000457
- Florida General Contractor – CGC1520255
- Florida Mechanical Contractor – CM-C056960
- Florida Certified Pollutant Storage System Contractor – PC-C056557
- Florida Certified UG Utility & Excavation Contractor – CU-C056658
- Georgia Unlimited Electrical Contractor – EN002772
- Louisiana Electrical Work (Statewide) – 54509
- Mississippi Electrical Work – 20409-MC
- North Carolina Unlimited Electrical Contractor – 11934/00-U
- South Carolina Unlimited Electrical Contractor – 103321
- Tennessee Unlimited Electrical Contractor – 66186
- Texas State Electrical Contractor – EC-27835
- Virginia Class A Electrical Contractor – 2705151588
- Washington, D.C. Electrical Contractor – ECC902773

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ELECTRICAL CONTRACTORS LICENSING BOARD



LICENSE NUMBER	
EC0001120	

The ELECTRICAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018

SMITH, RAYMOND H
COGBURN BROS, INC.
9107 ROCKPOND MEADOWS DRIVE
JACKSONVILLE FL 32221-5567



ISSUED: 07/24/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1607240002533

► Owen Brown

Education

Electrical Apprenticeship 4 Year Program

Experience

Owner of O. S. Brown Electrical Contracting Inc. 1999 -Present

1459 Forest Lane, Jacksonville, FL 32259

Master Electrician with 27 years' experience in Industrial Electric

Certifications

- **State Registered Electrical Contractor since 1999 #ER0014956**
- **St. Johns County Electrical Contractor #BL-3469**

Technical Field Service Inc.

**3165 Saint Johns Bluff Rd. S. #7
Jacksonville, FL. 32246**

PH. (904) 435-0287

10/9/2017

To: James Ruiz

Per your request this letter is to detail qualifications and capabilities of Technical Field Service and its personnel.

Technical Field service was founded in 1999 with as both a radio telemetry service company as well as operating several Nextel / Sprint Stores. Our primary customers for radio telemetry work have been United Water and later JEA (JEA acquired United Water of Jacksonville). As well as other utilities throughout Florida and Georgia.

Our primary services are Wireless (Radio), Fiber optic and Wired (copper) network repair and installation. We are a distributor for 4RF and GE-MDS Radios.

Personnel:

Ronald Reyes

32yrs Communications Technician + 4yrs Electronic Technician USN

NABER Radio technician certification #37170 2/86 ~ Present
Certified Fiber Optic Technician (FOA)

Karlos Fuentes 21yrs Communications Technician

FCC Amateur Radio Technician license
Certified Fiber Optic Technician (FOA)

Regards,

Ron Reyes

President
Technical Field Service Inc.

Section 3

Experience with SCADA System Services

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Infamation Technologies Group, LLC

Attachment "3-A"

**PROJECT EXPERIENCE
(Completed within past 3 years)**

1. Name of Project: JEA Buckman WRF Upgrade

Project Description: Designed and installed PLC and OIT Controls, instrumentation and SCADA additions and modifications to 3 clarifiers; a sidestream pumping station, grit removal system and 3 turbo blower package systems. Work included design submittals, programming, start-up, commissioning and training services.

Owner Name: JEA

Contact Name, Title: Patrick Harwood, Electric Systems Engineer

Phone # & Email Address: 904-665-8304, harwpj@jea.com

Dollar Value of Project: 775,000.00

Completion Date of Project: October 2015

2. Name of Project: City of Deltona Eastern Water Reclamation Facility

Project Description: Installation of all new PLC control cabinets, instrumentation, SCADA and integrated controls network for a 2.3 MGD WRF which included a 4-stage BNR system, disinfection chamber, effluent and reclaimed water storage and pumping station and biosolids treatment process. Work included design submittals, programming, start-up, commissioning and training services.

Owner Name: City of Deltona

Contact Name, Title: Terry Kelsey, Plant Operator

Phone # & Email Address: 386-624-1627, tkelsey@deltonafl.gov

Dollar Value of Project: 637,810.00

Completion Date of Project: February 2017

3. Name of Project: City of Atlantic Beach Reclamation Water Facility Upgrade

Project Description: Installation of a new controls cabinet, instrumentation package and modifications to the existing SCADA for the plant's reclaimed water pumping station, sodium hypochlorite package system and contact chamber. Work included design submittals, programming, start-up, commissioning and training services.

Owner Name: City of Atlantic Beach

Contact Name, Title: Troy Stephens, Plant Operator

Phone # & Email Address: 904-247-5842, tstephens@coab.us

Dollar Value of Project: 125,000.00

Completion Date of Project: July 2015

Section 4

Project Approach

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Infamation Technologies Group, LLC

Attachment "4-A"

PROJECT APPROACH
(Attach or insert copy here)



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PROJECT APPROACH

Project Approach

ITG understands the effort and desire for St. Johns County to establish standards and upgrade and migration paths for the Water and Wastewater plant control system processes. ITG appreciates the effort required to implement this control system standardization and also realizes the ultimate goal of providing seamless control system architecture, encompassing all of St. Johns County's properties and operations. ITG recognizes the challenges facing St. Johns County in this endeavor, due to the age and variants of the existing controls and automation systems presently deployed throughout St. Johns County's facilities. We also realize that the ultimate goals of this effort will be to reduce downtime, allow for information gathering, provide a standardized pool of hardware components, and other cost reduction efforts desired by St. Johns County.

Discovery and Design

Our approach to the project starts with a comprehensive review of our existing resources, assembling an experienced team with the necessary skills and process knowledge related to this project, then interviewing the customer's operations personnel and key design team to provide a Customer Requirements Document. The project manager will lead the project team working with St. Johns County and providing the requisite technical solution for St. Johns County under any projects ITG would be engaged.

During the Discovery and design Phase, the members of our team will work alongside St. Johns County personnel to establish a thorough understanding of St. Johns County's project deliverables' expectations. ITG's approach to achieving the desired project goals will generate the following items as necessary:

- Project Charter
- Schedule, Budget and Scope Management Plans
- User Requirements Documentation
- Functional Specifications
- Detailed Design Development
- Quality Assurance Documentation
- Reviews and Inspection
- Functional Testing
- Acceptance Testing



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Personnel, Design Team, Commissioning Engineering and St. Johns County will assist in the development of an effective and practical plan and goal for a successful project. Considerations include but are not limited to:

- Customer Requirements
- Design Intent
- Standards Review
- Software Design Document Requirements
- Critical Operations
- System Complexity
- Constructability and Technical Feasibility
- Budgets and Goals
- Scopes of Work
- Phasing Activities
- Scheduling
- Maintenance Management Requirements
- Identifying Hardware Requirements
- Review Value Added Potential of existing control, instrumentation and automation systems
- Software Lifecycle Considerations
- Energy Management Considerations
- Commissioning Requirements

To accomplish the tasks related to this project, ITG will assist in developing a customer requirement document for this project, if not provided ahead of time. When the user design document is approved by St. Johns County and the total budget price is set for each phase of this project, ITG will then develop the functional specification for this project phase. ITG will also create a project timeline and list of tasks for the deliverables under this project, as well as a detailed budget of all the hardware and services required under this project. When the schedule is mutually agreed upon by St. Johns County and ITG, and the Project Manager of this project accepts the budget, ITG will then start the detailed design phase of the project.

After acceptance of the system design, ITG will start the procurement phase for any hardware or software required under this phase of the project, as well as the software development phase. ITG employs the use of the IEEE standard 1016-2009 (IEEE Recommended Practice for Software Design Descriptions) SDD (Software Design Description) for developing and communicating the customers software functional requirements, as well as the ITG's programming methodologies used. The use of and the process of developing a SDD, helps ITG and St. Johns County insure the communication of process functions have been included and helps ITG manage customer expectations. The primary purpose and goal of developing and implementing a SDD is to provide a "focused" and "organized" approach to disseminate to all stake holders the overall software



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architecture, and to provide complete software functionality to address the customer requirements. The SDD formally defines software functionality and scope of work by organizing the process logic, in both functional and logical hierarchy, using defined algorithm templates and logic flow diagrams, as well as written descriptions of how the software is to be developed and the methods used.

ITG also employs the standards ANSI/ISA-95 for software structuring and to develop best practices of software development for automation control systems. This standard provides a common method to develop software for scalability and allow for software to be developed in a method

Communication, File Sharing, and the Process

The Project Manager assigned to the project will take the lead during the Discovery phase of the project. This will ensure a smooth transition to the Development Phase. It is the Project Manager's responsibility to utilize the team's input to create an overall Project management plan that clearly outlines goals, responsibilities, and the process. The Project Manager is the hub for the information passed between the team and is charged with monitoring and updating progress and compliance to the overall Project management plan. An electronic project folder will be created where all documents and communication can be stored and shared. The folder will contain a file structure including Communications, Meeting Minutes, Design Review Comments, Etc. We will digitize all communications, schedules, estimates, review comments, etc. and store these files locally.

Once comments, changes, goals, dates, etc. are made, they will be input into our project management platform and links and locations sent to the team. Progress Goals, milestone dates, etc. will be set and monitored, with alerts being automatically generated when due dates have expired.

Project Build and Implementation

At the onset of the project, our team will create a comprehensive summary checklist of the relevant Design and Development Standards. This list will become part of the initial design development meeting to ensure that the team is on the same page with respect to the project customer requirements. Once compliance is confirmed with the preliminary design concepts, we'll reference the checklist at each design review phase, to ensure we have not deviated from the set Design and Development Standards.

All review comments will be digitized and posted in the project folder. Comments from each design development review session will be logged and updated into the project management software and copies distributed to the team. The Project Manager will assign tasks based on those comments and set goals for their completion. He will monitor the progress of each task and alert each team member of any overdue tasks. Once review



INFORMATION • AUTOMATION • INTEGRATED SOLUTIONS

comments have been implemented into the design documents, we will utilize digital overlay software to confirm compliance with the review comments and also identify potential design conflicts.

At the conclusion of the build phase a set of test plans shall be executed to ensure adherence to the design documents and functionality prior to delivery to the site. These tests include unwitnessed and witnessed test and are documented to provide detailed account of activities and any deviations from original design plan.

ITG will coordinate with St. Johns County personnel, as well as other contractors involved, to ensure that the hardware and or software is appropriately installed. ITG engineers will use as-built documentation to verify the installation was completed properly. This will be the time in which formal commissioning and acceptance testing will occur. These tests are documented and requested that they be witnessed by the appropriate personnel from the county.

In the event that changes are needed based on the dynamics of the project, ITG will execute its change management process to evaluate and determine the needs of the variation and provide appropriate actions to manage the request.

Project Closeout

At the conclusion of the project, our team will provide training and update the design documents to create an as-built revision to coincide with actual system conditions. An operations and maintenance manual may also be created and provided to allow a documented know-how to be referenced by current and future St. Johns County personnel. The project manager will also provide final closeout documentation, application code and warranty information as it relates to the requirement of the project.

ITG is a local service and solutions provider and stands by its work. We are ready to assist and support on-going services as needed by the county. A service contract may be offered in order to allow continued support after the conclusion of the warranty period.

Section 5

Quality and Schedule Control

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Infamation Technologies Group, LLC

Attachment "5-A"

QUALITY & SCHEDULE CONTROL

(Attach or insert copy here)



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QUALITY AND SCHEDULE CONTROL

Introduction

ITG has worked to develop their Project Management Office (PMO) based off the Project Management Institutes (PMI) Project Management Body of Knowledge (PMBOK). ITG's PMO utilizes a traditional functional matrix where the Program Manager oversees the PMO's operations, while individual project managers work to coordinate projects assigned to the portfolio. ITG's approach to project management follows a process-based philosophy. ITG believes that using this methodology is the core of its quality management strategy.

Quality Management Plan

The project manager along with input from the project technical lead develop the quality documentations necessary to adhere to ITG internal standards, as well as of requirements of St. Johns County. These documents are created by lead engineers, reviewed by functional managers, and executed by ITG staff. These documents include Function Specifications, Detailed Design Specifications, Software Design Documents, Factory Acceptance Tests, Site Acceptance Tests and Closeout checklists.

Quality Assurance

ITG does not treat the "Quality Assurance (QA)" phase of the project as a typical phase, as QA is observed throughout the life cycle of the project. ITG is committed to providing the Client and End User with a robust solution and our functional managers use a "red man" based approach to Quality Assurance. A "red man" is a member of ITG not actively participating in the development of the project, who is also an SME. This person will review the supporting documentation and code work to ensure the development team is adhering to the agreed specification. The "red man" will also perform the internal SAT to validate the project prior to testing with the Client and End User.

Schedule Management Plan

For standard projects the project manager uses a "rolling wave" method scheduling our project milestones and tasks. This information is baselined from original project estimations and then detailed and updated as the project continues. Improvements and/or delays are communicated to St. Johns County in the form of the critical path method using a detailed Gantt chart. Any major project delays are always addressed in a roundtable method including all project stakeholders to find efficiencies and other means to mitigate slowdown in progress. Ultimately, it is the goal of ITG to deliver projects with high quality and on-time, and work to this mutual goal with St. Johns County satisfaction in mind.

Section 6

Schedule and Availability

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Infamation Technologies Group, LLC

Attachment "6-A"

PROJECT STATUS REPORT / PROJECTS IN PROGRESS
OR ANTICIPATED WITHIN NEXT 12 TO 24 MONTHS
(Complete and Submit, include Private Sector Projects)

1. Name of Project: Blacks Ford Water Reclamation Facility Phase 4 Expansion

Project Description: Complete overhaul of the control cabinets, instrumentation and SCADA systems to modernize and expand the plants daily capacity. Includes extensive system integration with 3rd party package systems and oversight of SCADA standards.

Location: St. Johns County, FL 32259

Owner Name: JEA

Public Sector (Yes or No): Yes

Private Sector (Yes or No): No

Start Date/Anticipated Start Date: 10/18/16

Scheduled Completion Date: July 2018

2. Name of Project: Anastasia Island WWTP Filter Replacement

Project Description: Furnish a new control panel and instrumentation package to tie into existing facilities, as well as modified disk filter package. Integration of the control panel and instrumentation to the existing controls network, as well as the site and county-wide HMI systems.

Location: St. Johns County, FL

Owner Name: St. Johns County, FL

Public Sector (Yes or No): Yes

Private Sector (Yes or No): No

Start Date/Anticipated Start Date: 6/20/17

Scheduled Completion Date: February 2018

3. Name of Project: CR214 WTP Blending & Alkalinity Adjustment Modifications

Project Description: Upgrade of High Service Pump and Operations building controllers for modified treatment process. Includes new instrumentation package and modications to the existing HMI package.

Location: St. Johns County, FL

Owner Name: St. Johns County, FL

Public Sector (Yes or No): Yes

Private Sector (Yes or No): No

Start Date/Anticipated Start Date: 2/23/16

Scheduled Completion Date: December 2017

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Infamation Technologies Group, LLC

Attachment "6-A" (Continued)

**PROJECT STATUS REPORT / PROJECTS IN PROGRESS
OR ANTICIPATED WITHIN NEXT 12 TO 24 MONTHS
(Complete and Submit)**

4. Name of Project: Buckman WRF Generator Integration

Project Description: Integrated MODBUS TCP and RTU communications between Genset and ATS packages directly to remote HMI for monitoring by plant operators.

Location: Jacksonville, FL

Owner Name: JEA

Public Sector (Yes or No): Yes Private Sector (Yes or No): No

Start Date/Anticipated Start Date: 7/14/17 Scheduled Completion Date: November 2017

5. Name of Project: Newberry Control System and HMI Upgrade

Project Description: Modernization of the process control system including upgrading existing PLC CPUs, migration of SCADA package, and visualization of server and client workstations.

Location: Newberry, FL

Owner Name: Argos Cement

Public Sector (Yes or No): No Private Sector (Yes or No): Yes

Start Date/Anticipated Start Date: 4/21/17 Scheduled Completion Date: February 2018

6. Name of Project: Vertical Storage Unit Migration

Project Description: Application Server migration from legacy operating system to new virtualized industrial datacenter.

Location: Jacksonville, FL

Owner Name: Johnson & Johnson Vision Care

Public Sector (Yes or No): No Private Sector (Yes or No): Yes

Start Date/Anticipated Start Date: 8/23/17 Scheduled Completion Date: April 2018

(Use additional or supplemental pages as needed)

PART VIII: OPTIONAL CHECKLIST**RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES**

SECTION	RFQ PACKAGE COMPONENTS	CHECK BOX	ST. JOHNS COUNTY USE
	Qualifications Cover Page	✓	
	Qualifications Certification Notarized	✓	
	Affidavit of Solvency	✓	
	St. Johns County Affidavit	✓	
	Conflict of Interest Disclosure Form	✓	
	Drug-Free Workplace Form	✓	
	Acknowledged (signed) Addenda (1+2)	✓	
Section 1	Company Qualifications:		
	Attachment "1-A" – Letter of Introduction & Interest	✓	
	Attachment "1-B" – Licenses/Certifications	✓	
	Attachment "1-C" – Certificates of Insurance	✓	
	Attachment "1-D" – Claims, Liens, Litigation History	✓	
Section 2	Qualifications of Staff and Sub-Contractors/Suppliers		
	Attachment "2-A" – Company Organization Chart	✓	
	Attachment "2-B" – Project Team Organization Chart	✓	
	Attachment "2-C" – Key Personnel List	✓	
	Attachment "2-D" – List of Proposed Sub-Contractors	✓	
Section 3	Attachment "3-A" – Project Experience (Completed Past 3 Yrs.)	✓	
Section 4	Attachment "4-A" – Project Approach (Narrative)	✓	
Section 5	Attachment "5-A" – Quality & Schedule Control (Narrative)	✓	
Section 6	Attachment "6-A" – Project Status Report (Projects in Progress)	✓	

PART VI: – ATTACHMENTS/FORMS

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

COVER PAGE

**SUBMIT ONE (1) HARD-COPY ORIGINAL
AND ONE (1) EXACT ELECTRONIC PDF COPY ON USB DRIVE TO:**

PURCHASING DEPARTMENT
ST. JOHNS COUNTY
500 SAN SEBASTIAN VIEW
ST. AUGUSTINE, FLORIDA 32084
ATTN: DIANA M. FYE, CPPB, PROCUREMENT COORDINATOR

FULL LEGAL NAME OF COMPANY: Revere Control Systems, Inc.

MAILING ADDRESS: 3810 Drane Field Road, Suite 16, Lakeland, FL 33811

DATE: October 12 , 2017

**CERTIFICATION FOR
RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES**

The Undersigned submits this Qualifications Package to be considered as a Qualified Consultant for the SCADA System Services.

A copy of the license(s) under which our firm is engaged in the business of contracting in the state of Florida is attached. This license was issued in accordance with provisions of Section 489.113, Florida Statutes, and is currently valid and in force.

It is further understood that qualifications, if given, shall be valid for the purpose of submitting rates for the above referenced continuing services contract, unless suspended or terminated by St. Johns County.

The Undersigned authorizes and requests any public official, engineer, architect, Surety Company, bank depository, material or equipment manufacture or distributor or any person, firm or corporation to furnish all information requested by St. Johns County, to verify statements given with this Qualifications Package.

The Undersigned further authorizes the St. Johns County, FL designee to disclose, without any liability whatsoever, any and all information contained in the qualifications package.

The Undersigned has not been disqualified by any public agency in Florida except as indicated below. (If none, insert: "N/A")

Revere Control Systems, Inc.

(Full Legal Company Name)

This 29 day of September, 2017

Attest:

Secretary

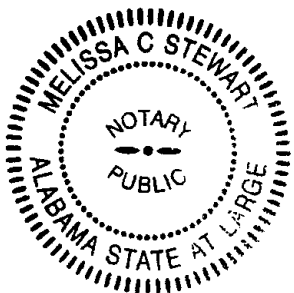
By: Bruce Hallum Treasurer
Name and Title of Officer

APPROVED:

By: Robert R. Adams
Name and Title of Authorized Officer

As Notarized

By: Melissa C. Stewart



RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

AFFIDAVIT OF SOLVENCY

STATE OF Alabama)

COUNTY OF Jefferson)

PERTAINING TO THE SOLVENCY OF Revere Control Systems, Inc., being of lawful age and being duly sworn I, Robert

R. Adams, as President (ex.CEO, officer, president, duly authorized representative, etc.) hereby certify

under penalty of perjury that:

1. I have reviewed and am familiar with the financial status of above stated entity.
2. The above stated entity possesses adequate capital in relation to its business operations or any contemplated or undertaken transaction to timely pay its debts and liabilities (including, but not limited to, unliquidated liabilities, un-matured liabilities and contingent liabilities) as they become absolute and due.
3. The above stated entity has not, nor intends to, incur any debts and/or liabilities beyond its ability to timely pay such debts and/or liabilities as they become due.
4. I fully understand that failure to make truthful and complete disclosure of any fact or item of information contained herein may result in disqualification or termination for cause by the County of any contract for the services provided pursuant to above referenced RFQ and/or other action(s) authorized by law.

The undersigned has executed this Affidavit of Solvency, in his/her capacity as a duly authorized representative of the above stated entity, and not individually, as of this 29th day of September, 2017.

Robert R. Adams
Signature of Affiant

STATE OF Alabama)

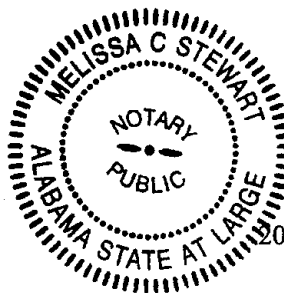
COUNTY OF Jefferson)

Subscribed and sworn to before me this 29th day of September, 2017, by Robert R. Adams
_____ who personally appeared before me at the time of notarization, and who is personally known to me or who has produced _____ as identification.

Melissa C. Stewart
Notary Public

My commission expires:

Feb. 23, 2019



RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

AFFIDAVIT

TO: ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS
ST. AUGUSTINE, FLORIDA

At the time the proposal is submitted, the Respondent shall attach to his proposal a sworn statement.

The sworn statement shall be an affidavit in the following form, executed by an officer of the firm, association or corporation submitting the proposal and shall be sworn to before a person who is authorized by law to administer oaths.

STATE OF Alabama COUNTY OF Jefferson. Before me, the undersigned authority, personally appeared Robert R. Adams who, being duly sworn, deposes and says he is President (Title) of Revere Control Systems (Firm) the respondent submitting the attached proposal for the services covered by the RFQ documents for RFQ No: 17-79: Request for Qualifications for SCADA System Services.

The affiant further states that no more than one proposal for the above referenced project will be submitted from the individual, his firm or corporation under the same or different name and that such respondent has no financial interest in the firm of another respondent for the same work, that neither he, his firm, association nor corporation has either directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this firm's proposal on the above described project. Furthermore, neither the firm nor any of its officers are debarred from participating in public contract lettings in any other state.

Revere Control Systems, Inc.

(Proposer)

By Robert R. Adams
Robert R. Adams

President

(Title)

STATE OF Alabama)

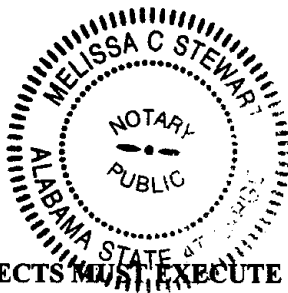
COUNTY OF Jefferson)

Subscribed and sworn to before me this 27th day of September, 2017, by Robert R. Adams who personally appeared before me at the time of notarization, and who is personally known to me or who has produced _____ as identification.

Melissa C. Stewart
Notary Public

My commission expires:

Feb. 23, 2019



VENDOR ON ALL COUNTY PROJECTS MUST EXECUTE AND ATTACH THIS AFFIDAVIT TO EACH PROPOSAL.

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS

CONFLICT OF INTEREST DISCLOSURE FORM

The term "conflict of interest" refers to situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting a consultant's/contractor's professional judgment in completing work for the benefit of St. Johns County ("County"). The bias such conflicts could conceivably impart may inappropriately affect the goals, processes, methods of analysis or outcomes desired by the County.

Consultants/Contractors are expected to safeguard their ability to make objective, fair, and impartial decisions when performing work for the benefit of the County. Consultants/Contractors, therefore must avoid situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting the consultant's/contractor's professional judgement when completing work for the benefit of the County.

The mere appearance of a conflict may be as serious and potentially damaging as an actual distortion of goals, processes, and methods of analysis or outcomes. Reports of conflicts based upon appearances can undermine public trust in ways that may not be adequately restored even when the mitigating facts of a situation are brought to light. Apparent conflicts, therefore, should be disclosed and evaluated with the same vigor as actual conflicts.

It is expressly understood that failure to disclose conflicts of interest as described herein may result in immediate disqualification from evaluation or immediate termination from work for the County.

Please check the appropriate statement:



I hereby attest that the undersigned Respondent has no actual or potential conflict of interest due to any other clients, contracts, or property interests for completing work on the above referenced project.



The undersigned Respondent, by attachment to this form, submits information which may be a potential conflict of interest due to other clients, contracts or property interests for completing work on the above referenced project.

Legal Name of Respondent:

Revere Control Systems, Inc.

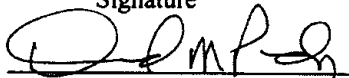
Authorized Representative(s):



Signature

Robert R. Adams, President

Print Name/Title



Signature

David M. Paden / COO

Print Name/Title

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS

DRUG-FREE WORKPLACE FORM

The undersigned firm, in accordance with Florida Statute 287.087 hereby certifies that

Revere Control Systems, Inc. does:
Name of Firm

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the danger of drug abuse in the workplace, the business' policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, employee assistance programs and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the contractual services that are described in St. Johns County's request for qualifications to provide bond underwriter services a copy of the statement specified in paragraph 1.
4. In the statement specified in paragraph 1, notify the employees that, as a condition of working on the contractual services described in paragraph 3, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Florida Statute 893, as amended, or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction or plea.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.
6. Consistent with applicable provisions with State or Federal law, rule, or regulation, make a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs 1 through 5.

As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.

Robert R. Adams
Signature

September 29, 2017
Date



St. Johns County Board of County Commissioners

Purchasing Division

September 7, 2017

ADDENDUM #1

To: Prospective Respondents
From: St. Johns County Purchasing Department
Subject: RFQ No. 17-79, Request for Qualifications for SCADA System Services

This Addendum #1 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a bid proposal that he/she has received all Addenda, and return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.

A. QUESTIONS:

1. We need to clarify the requirement on the following please. Under Part III: Requirements of This RFQ, B. 1. Experience, it states "Minimum qualifications for experience shall include: The Remote Terminal Unit/Supervisory Control and Data Acquisition (RTU/SCADA) supplier may hold a State of Florida Professional Engineering (PE) License with area of expertise in electrical engineering. A copy of the license, if applicable, shall be provided to the County or upon the County's request for any drawings stamped by, or any project overseen by, a PE subcontracted by the RTU/SCADA Supplier." Would you please clarify if the RTU/SCADA Supplier is required to have a PE on staff, or if subcontracting the PE is acceptable.

Answer: The responding firm (RTU/SCADA supplier) is not required to have a licensed State of Florida Professional Engineer (PE) on staff, the PE may be sub-contracted; however, the sub-contractor must be a licensed PE in the State of Florida. Proposed Sub-Contractors must be identified with the submitted proposal as per instructions in Section V of the RFQ document.

THE RFQ DUE DATE REMAINS SEPTEMBER 21, 2017 AT 4:00 P.M.

Acknowledgment

Sincerely,

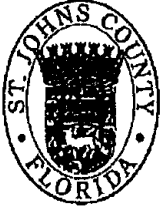
Nan Johnson
Signature and Date

Diana M. Fye
Diana M. Fye, CPPB
Procurement Coordinator

Nan Johnson / VP of Municipal Systems
Printed Name/Title

Revere Control Systems, Inc.
Company Name (Print)

END OF ADDENDUM NO. 1



St. Johns County Board of County Commissioners

Purchasing Division

September 14, 2017

ADDENDUM #2

To: Prospective Respondents
From: St. Johns County Purchasing Department
Subject: RFQ No. 17-79, Request for Qualifications for SCADA System Services

This Addendum #2 is issued for further respondent's information and is hereby incorporated into the RFQ documents. Each respondent will ascertain before submitting a qualification package that he/she has received all Addenda, and return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.

CHANGE/CLARIFICATION:

Due to impacts from Hurricane Irma, the deadline for submittal and opening of qualifications packages for RFQ No. 17-79 has been extended by three (3) weeks. Sealed qualification packages are due by or before 4:00 PM (EST) on October 12, 2017.

Any and all questions or requests for information relating to this Request for Qualifications shall be submitted in writing by close of business (5:00 PM) on Thursday, September 21, 2017. Final Addendum will post by close of business (5:00 PM) on Thursday, October 5, 2017.

The evaluation of submitted RFQ packages is rescheduled for October 26, 2017.

THE RFQ DUE DATE HAS CHANGED TO OCTOBER 12, 2017 AT 4:00 P.M.

Acknowledgment

Nan Johnson
Signature and Date

Nan Johnson / VP of Municipal Systems
Printed Name/Title

Revere Control Systems, Inc.
Company Name (Print)

Sincerely,

Diana M. Fye
Diana M. Fye, CPPB
Procurement Coordinator

END OF ADDENDUM NO. 2

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Revere Control Systems, Inc.

Attachment "1-A"

LETTER OF INTRODUCTION and INTEREST
(Attach or insert copy here)

Please see attached.



October 10, 2017

St. Johns County Purchasing Department
500 San Sebastian View
St. Augustine, FL 32084

Reference: RFQ No. 17-79; Request for Qualifications for SCADA System Services

Dear Sir or Madam:

Revere Control Systems, Inc. is pleased to submit herewith our letter of interest to participate in your RFQ No. 17-79 – SCADA System Services.

Please find below and enclosed specific information regarding our company for your consideration:

- Company Name: Revere Control Systems, Inc.
- Company Type: Corporation
- Main Headquarters: 2240 Rocky Ridge Road, Birmingham AL 35216
- Local Office to Provide Support: 3810 Drane Field Road, Suite No. 16, Lakeland FL 33811

Robert (Bob) R. Adams is our President and David M. Paden is our Chief Operating Officer. These two (2) individuals serve as Principals of the Company. The following individuals serve as Officers of the Company.

- Brenda Holleman, Chief Financial Officer
- Tom Adams, Vice President of Safety, Quality and Compliance
- Rick Braddock, Vice President of Procurement & Asset Management
- Nan Johnson, Vice President of Municipal Systems
- Jason Leeper, Vice President of Industrial Systems
- David Williams, Vice President of OEM Systems
- Tom York, Vice President of Strategic Projects
- Greg Graves, Vice President of Sales & Marketing
- Marc Handley, Vice President of Information Technology

Revere Control Systems, Inc. was established in April 1980 in Birmingham, Alabama with more than thirty-seven (37) years in business. We currently employ two hundred and five (205) people with one goal in mind: to be recognized as the preferred automation, communication and information integrator in the field of Water and Wastewater.

Since deciding to pursue this exciting opportunity, Revere has assembled a team of experienced and qualified individuals to produce a response to the County's Request for Qualifications, which will show our depth of experience and capabilities, making Revere an excellent choice to provide services to support the County's SCADA Control Systems.

As a Professional Engineering and Control Systems Integration company with a proven track record in this region, Revere has the ability to successfully execute the concepts and understanding put forth in this proposal to provide the support services for St. Johns County. Our project team is comprised of members who have worked together on numerous successful projects. They have been assembled for this project because of the experience, technical



capability and ability to work with the County from concept to fully executed SCADA system. You can be assured that the Project Manager and Engineers in our group will manage the project closely and carefully, and accountability for results will never be delegated.

It is our desire to submit a response to the County's request for qualifications regarding the SCADA System Services since this is a primary focus of our business as well as a passion of our core team members to provide support and services for municipal government agencies as they operate and manage facilities for Water and Wastewater treatment and distribution.

We look forward to the County's review of our qualifications, and will be happy to answer any additional questions about our response. If you have questions, the two individuals below will be able to answer any questions you may have.

Nan Johnson – Vice President
2240 Rocky Ridge Road
Birmingham, AL 35216
Office: (205) 271-9806
Cell: (803) 807-1987
Fax: (205) 824-0408
NJohnson@reverecontrol.com

Frank Gonzalez – Business Development Manager
3810 Drane Field Road, Suite No. 16
Lakeland, FL 33811
Office: (863) 940-5120
Cell: (678) 722-1299
Fax: (205) 824-0408
FGonzalez@reverecontrol.com

Thank you for giving us the opportunity to participate in submitting our qualifications in response to your request.

Respectfully Submitted,

Nan Johnson, PMP
Vice President of Municipal Systems

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Revere Control Systems, Inc.

Attachment "1-B"

LICENSES/CERTIFICATIONS

In the space below, each Respondent shall list all current licenses and/or certifications held relative to the required services as provided herein.

Each Respondent shall attach a copy of each current license and/or certification listed below to his proposal as instructed.

License Name	License #	Issuing Agency	Expiration Date
General Contractor	60338	State of Florida	August 31, 2018
Professional Engineers	8769	State of Florida	February 28, 2019
Professional Engineers	74167	State of Florida	February 28, 2019
Business Tax Receipt	166437	Polk County	September 30, 2018
Local Business Tax Receipt	1386608	City of Lakeland	September 30, 2018



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

**CONSTRUCTION INDUSTRY LICENSING BOARD
2601 BLAIR STONE ROAD
TALLAHASSEE FL 32399-0783**

(850) 487-1395

**WEAVER, FRED LYNN
REVERE CONTROL SYSTEMS INC
2240 ROCKY RIDGE RD
BIRMINGHAM AL 35216**

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION**

CGC060338 ISSUED: 08/04/2016

**CERTIFIED GENERAL CONTRACTOR
WEAVER, FRED LYNN
REVERE CONTROL SYSTEMS INC**

**IS CERTIFIED under the provisions of Ch. 489 FS.
Expiration date : AUG 31, 2018 L1608040001510**

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD**

LICENSE NUMBER	
CGC060338	

**The GENERAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018**

**WEAVER, FRED LYNN
REVERE CONTROL SYSTEMS INC
2240 ROCKY RIDGE RD
BIRMINGHAM AL 35216**



ISSUED: 08/04/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1608040001510



Florida Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

Revere Control Systems
2240 ROCKY RIDGE ROAD
BIRMINGHAM, AL 35216

Each licensee is solely responsible for notifying the Florida Board of Professional Engineers in writing the licensee's current address.

Name changes require legal documentation showing name change. An original, a certified copy, or a duplicate of an original or certified copy of a document which shows the legal name change will be accepted unless there is a question about the authenticity of the document raised on its face, or because the genuineness of the document is uncertain, or because of another matter related to the application.

At least 90 days prior to the expiration date shown on this license, a notice of renewal will be sent to your last known address. If you have not yet received your notice 60 days prior to the expiration date, please call (850) 521-0500, or write, Florida Board of Professional Engineers, 2639 North Monroe Street, Suite B-112, Tallahassee, FL 32303-5268 or e-mail: board@fbpe.org. Our website address is <http://www.fbpe.org>.

State of Florida

Board of Professional Engineers



FBPE
FLORIDA BOARD OF
PROFESSIONAL ENGINEERS

Is authorized under the provisions of the Florida Statutes, to offer engineering services to the public through a Professional Engineer, all in accordance with Chapter 471, Florida Statutes.

Expiration: 2/28/2019

Audit No: 228201900896 R

CA Lic. No:

8769



State of Florida
Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

Marvin Rollin Oxley III
4021 BUTTON BUSH CIRCLE
LAKELAND, FL 33811

NOTICE

FBPE no longer requires that continuing education be reported by the provider. Instead licensees will be subject to a random audit no more than every four (4) years. If you are selected for the random audit, you must provide verification of one (1) hour of Florida laws and rules, one (1) hour of professional ethics, four (4) hours of area of practice and twelve (12) hours in any topic pertaining to the practice of engineering, all taken prior to February 28, 2017. (See s. 471.017, Fl. Stat.) Any CE hours taken after February 28, 2017 will result in a \$100 delinquent fee and your license being placed in a delinquent status until the additional fee is paid.

State of Florida

Board of Professional Engineers

Attest that

Marvin Rollin Oxley III, P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201931467

FBPE
P.E. Lic. No:
74167

State of Florida

Board of Professional Engineers

Attest that

Marvin Rollin Oxley III, P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201931467 R



FBPE
FLORIDA BOARD OF
PROFESSIONAL ENGINEERS

P.E. Lic. No:

74167

POLK COUNTY LOCAL BUSINESS TAX RECEIPT
ACCOUNT NO. 166437

CLASS: B

EXPIRES: 9/30/2018

OWNER NAME
ADAMS, ROBERT R

LOCATION
3810 DRAIN FIELD RD
LAKELAND

BUSINESS NAME AND MAILING ADDRESS

REVERE CONTROL SYSTEMS, INC

2240 ROCKY RIDGE RD
BIRMINGHAM, AL 35216

CODE	ACTIVITY TYPE
230130	CONTRACTOR ELECTRICAL UNLIMITED
540190	PROFESSIONAL ENGINEER

PROFESSIONAL LICENSE (IF APPLICABLE)
8769



OFFICE OF JOE G. TEDDER, CFC * TAX COLLECTOR

THIS POLK COUNTY LOCAL BUSINESS TAX RECEIPT MUST BE
CONSPICUOUSLY DISPLAYED AT THE BUSINESS LOCATION

PAID-1531644.0001-0001 09/19/2017 09/19/2017 CFM 159 57.75 REVERE CONTROL SYS

TC301F-17

CITY OF LAKELAND

BUSINESS TAX RECEIPT

Expires on: 9/30/2018

Business Tax Office, 228 S Massachusetts Ave., Lakeland, FL 33801

Account Number: 1386606

Workers: 8

Square Footage: 5,200

Fee: \$222.88

Location Address

3810 DRANE FIELD RD #15-16

Business Name & Mailing Address

REVERE CONTROL SYSTEMS INC

ROBERT R ADAMS, OWNER

3810 DRANE FIELD RD #16

LAKELAND, FL 33811

This business tax receipt does not permit the holder to operate in violation of any City law, ordinance or regulation. Any change in location or ownership must be approved by the City Business Tax Section, subject to zoning restrictions. This Receipt does not constitute an endorsement, approval or disapproval of the holder's skill or competence or of the compliance or noncompliance of the holder with other laws, regulations or standards.

RECEIPT MUST BE CONSPICUOUSLY DISPLAYED IN YOUR PLACE OF BUSINESS

VALID ONLY WHEN SIGNED





Fixed Data Systems

Date: January 1st, 2017

To: Whom it may concern

Subject: Value Added Reseller Channel

This memo is to confirm the current status of Revere Controls Systems as a valued member of our VAR (Value-Added Reseller) program for our Motorola Fixed Data Products including Motorola's current ACE3600 product line and previously available MOSCAD and MOSCAD-L product lines. Revere Controls Systems is an authorized Value-Added Reseller for the State of Florida.

We appreciate Revere Controls Systems as valued asset to Motorola and look forward to continuing our relationship for many more years into the future.

If you have any questions please contact me directly at 312-614-4553.

Respectfully submitted,

A handwritten signature in black ink that reads 'Kreg Christoff'.

Kreg Christoff
Vice President and Director

VTScada

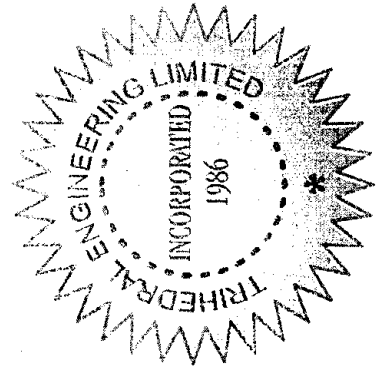
Software for Monitoring & Control

Certified Solution Partner

Revere Control Systems

August 21, 2013

Date



Patrick Cooke - Director of Marketing

**ONLINE CERTIFICATIONS DIRECTORY****Search results**

You may choose to <u>Refine Your Search.</u>		
Company Name	Category Name	Link to File
REVERE CONTROL SYSTEMS INC	Control Panels and Assemblies for Use in Hazardous Locations	<u>NNNY.E251085</u>
REVERE CONTROL SYSTEMS INC	Control Panels and Assemblies for Use in Hazardous Locations Certified for Canada	<u>NNNY7.E251085</u>
REVERE CONTROL SYSTEMS INC	Industrial Control Panels	<u>NITW.E88854</u>
REVERE CONTROL SYSTEMS INC	Industrial Control Panels Certified for Canada	<u>NITW7.E88854</u>
REVERE CONTROL SYSTEMS INC	Industrial Control Panels Relating to Hazardous Locations	<u>NRBX.E202847</u>
REVERE CONTROL SYSTEMS INC	Industrial Control Panels Relating to Hazardous Locations Certified for Canada	<u>NRBX7.E202847</u>

Model number information is not published for all product categories. If you require information about a specific model number, please contact [Customer Service](#) for further assistance.

© 2015 UL LLC

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Revere Control Systems, Inc.

Attachment "1-C"

CERTIFICATES OF INSURANCE

(Attach or insert copy here)

Please see attached.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

2/15/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Cobbs Allen 115 Office Park Drive, Ste 200 Birmingham AL 35223		CONTACT NAME: Tracy Cooke PHONE (A/C, No, Ext): 205-874-3620 E-MAIL ADDRESS: tcooke@cobbsallen.com FAX (A/C, No): 205-414-8105	
INSURED Revere Control Systems, Inc. 2240 Rocky Ridge Road Birmingham AL 35216		INSURER(S) AFFORDING COVERAGE INSURER A: Charter Oak Fire 25615 INSURER B: Phoenix Insurance Company 25623 INSURER C: Travelers P&C of America 19046 INSURER D: AL Self Ins WC Fund 55020 INSURER E: Lloyd's INSURER F: Travelers Indemnity 39993	

COVERAGES

CERTIFICATE NUMBER: 940364800

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY ☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PROJECT ☐ LOC			630-6D652658-16	11/21/2016	11/21/2017	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$5,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
B	AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ ALL OWNED AUTOS ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ☐ NON-OWNED AUTOS			810-6D652658-16	11/21/2016	11/21/2017	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE ☐ DED ☒ RETENTION \$10,000			CUP-6D652658-16	11/21/2016	11/21/2017	EACH OCCURRENCE \$10,000,000 AGGREGATE \$10,000,000 \$
D F	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	WC1000120900-2017A UB-9H063920-16	1/1/2017 11/21/2016	1/1/2018 11/21/2017	☒ WC STATUTORY LIMITS ☐ OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
E	Professional Liability			B0621PREVE000616	11/21/2016	11/21/2017	Per Claim/Aggregate 5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Pollution Liability, CSP306344, 11-21-16/17, Carrier: Colony Insurance Company, \$ 2,000,000 Per Claim/Aggregate
Cyber Liability
Carrier: Travelers
Effective: 4/14/16 - 4/14/17
Policy No. 106281481
Limit: \$1,000,000

CERTIFICATE HOLDER

Sample

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

© 1988-2010 ACORD CORPORATION. All rights reserved.



Wrap+®

CYBERRISK
DECLARATIONS

POLICY NO. 106251482

Travelers Casualty and Surety Company of America
Hartford, Connecticut
(A Stock Insurance Company, herein called the Company)

THE THIRD PARTY LIABILITY INSURING AGREEMENTS ARE WRITTEN ON A CLAIMS-MADE BASIS. THE THIRD PARTY LIABILITY INSURING AGREEMENTS COVER ONLY CLAIMS FIRST MADE AGAINST INSURED DURING THE POLICY PERIOD. THE LIMIT OF LIABILITY AVAILABLE TO PAY SETTLEMENTS OR JUDGMENTS WILL BE REDUCED BY DEFENSE EXPENSES, AND DEFENSE EXPENSES WILL BE APPLIED AGAINST THE RETENTION. THE COMPANY HAS NO DUTY TO DEFEND ANY CLAIM UNLESS DUTY-TO-DEFEND COVERAGE HAS BEEN SPECIFICALLY PROVIDED HEREIN.

ITEM 1	NAMED INSURED: REVERE CONTROL SYSTEMS, INC. D/B/A: Principal Address: 2240 ROCKY RIDGE ROAD VESTAVIA HILLS, AL 35216
ITEM 2	POLICY PERIOD: Inception Date: April 14, 2016 Expiration Date: April 14, 2017 12:01 A.M. standard time both dates at the Principal Address stated in ITEM 1.
ITEM 3	ALL NOTICES OF CLAIM OR LOSS MUST BE SENT TO THE COMPANY BY EMAIL, FACSIMILE, OR MAIL AS SET FORTH BELOW: Email:BSIclaims@travelers.com FAX:(888) 460-6622 Mail:Travelers Bond & Specialty Insurance Claim 385 Washington St. – Mail Code 9275-NB03F St Paul, MN 55102
ITEM 4	COVERAGE INCLUDED AS OF THE INCEPTION DATE IN ITEM 2: <u>Third Party Liability Insuring Agreements</u> ☒ Network and Information Security Liability ☒ Communications and Media Liability ☒ Regulatory Defense Expenses <u>First Party Insuring Agreements</u> ☒ Crisis Management Event Expenses

- ☒ Security Breach Remediation and Notification Expenses
- ☒ Computer Program and Electronic Data Restoration Expenses
- ☒ Computer Fraud
- ☒ Funds Transfer Fraud
- ☒ E-Commerce Extortion
- ☒ Business Interruption and Additional Expenses

Only the Insuring Agreements marked with " ☒ " are included in this policy.

ITEM 5

Third Party Liability Insuring Agreements

A. Network and Information Security Limit of Liability	\$1,000,000	for each Claim
B. Communications and Media Limit of Liability	\$1,000,000	for each Claim
C. Regulatory Defense Expenses Limit of Liability	\$500,000	for each Regulatory Claim
Retention:	\$10,000	for each Claim under Insuring Agreement A.
	\$10,000	for each Claim under Insuring Agreement B.
	\$10,000	for each Regulatory Claim under Insuring Agreement C.

First Party Insuring Agreements

	Limit of Insurance	Retention
D. Crisis Management Event Expenses	\$250,000 for each Single First Party Insured Event	\$10,000 for each Single First Party Insured Event
E. Security Breach Remediation and Notification Expenses	\$250,000 for each Single First Party Insured Event	\$10,000 for each Single First Party Insured Event
F. Computer Program and Electronic Data Restoration Expenses	\$250,000 for each Single First Party Insured Event	\$10,000 for each Single First Party Insured Event
G. Computer Fraud	\$250,000 for each Single First Party Insured Event	\$10,000 for each Single First Party Insured Event
H. Funds Transfer Fraud	\$250,000 for each Single First Party Insured Event	\$10,000 for each Single First Party Insured Event
I. E-Commerce Extortion	\$250,000 for each Single First Party Insured Event	\$10,000 for each Single First Party Insured Event
J. Business Interruption and Additional Expenses	\$250,000 for each Single First Party Insured Event	

If "Not Covered" is inserted opposite any specified Insuring Agreement above, or if no amount is included in the Limit of Insurance, such Insuring Agreement and any other reference thereto is deemed to be deleted from this **CyberRisk Policy**.

CyberRisk Policy Aggregate Limit: \$1,000,000

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Revere Control Systems, Inc.

Attachment "1-D"

CLAIMS, LIENS, LITIGATION HISTORY

(Complete and Submit)

1. Within the past 7 years, has your organization filed suit or a formal claim against a project owner (as a prime or subcontractor) or been sued by or had a formal claim filed by an owner, subcontractor or supplier resulting from a construction dispute? Yes x No _____ If yes, please attach additional sheet(s) to include: Description of every action Captions of the Litigation or Arbitration

Amount at issue: Please see attached. Name (s) of the attorneys representing all parties:

Amount actually recovered, if any: _____

Name(s) of the project owner(s)/manager(s) to include address and phone number:

2. List all pending litigation and or arbitration. None.
3. List and explain all litigation and arbitration within the past seven (7) years - pending, resolved, dismissed, etc.
4. Within the past 7 years, please list all Liens, including Federal, State and Local, which have been filed against your Company. List in detail the type of Lien, date, amount and current status of each Lien.

None

5. Have you ever abandoned a job, been terminated or had a performance/surety bond called to complete a job? Yes _____ No X If yes, please explain in detail:

6. For all claims filed against your company within the past five-(5) years, have all been resolved satisfactorily with final judgment in favor of your company within 90 days of the date the judgment became final? Yes _____ No _____ If no, please explain why? _____

7. List the status of all pending claims currently filed against your company:

None.

Liquidated Damages

1. Has a project owner ever withheld retainage, issued liquidated damages or made a claim against any Performance and Payment Bonds? Yes _____ No X If yes, please explain in detail:

(Use additional or supplemental pages as needed)

Revere Control Systems, Inc.
RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM
SERVICES
CLAIMS, LIENS, LITIGATION HISTORY

1. Action Captions of the Litigation or Arbitration: 14-4144-PKH Texarkana, Texas
Amount at issue: 147,000.00 because Dual did not pay Revere
Name (s) of the attorneys representing all parties:
Jeanine Clements Bell
David Wanahatalo , Burr Foreman
John Mercy for Revere Control Systems, Inc.
Unknown for Dual Construction
Amount actually recovered: Confidential Settlement
Name(s) of the project owner(s)/manager(s) to include address and phone number:
Dual Construction Co. PO Box 867 Texarkana TX 75504
Nick Bass, President Dual Construction
Kyle Bass, Vice President, Dual Construction
Marla Stuehrenberger, Dual Construction

2. Action Captions of the Litigation or Arbitration: 2011 904220 in Jefferson County, AL
Amount at issue: \$39,313.00 because Interstate Electric Company did not pay Revere.

Name (s) of the attorneys representing all parties:
Jeanine Clements Bell, J.D. for Revere Control Systems, Inc.
Sam Nelson 407 540 6653 for Interstate Electric Company

Amount actually recovered: \$39,313.00

Name(s) of the project owner(s)/manager(s) to include address and phone number:
Desoto Corrections Facility.
IEC
Bob Cook
Arnold Pike
6421 Congress Ave. Suite 100
Boca Raton, FL 33487
561 998 4250

3. Action Captions of the Litigation or Arbitration: 2013-038507 CA 01 Miami-Dade County
Amount at issue: \$125,942 for Non-Payment by Electrolytic to Revere

Name (s) of the attorneys representing all parties:
Jeanine Clements Bell, J.D. and
Burr Foreman for Revere Control Systems, Inc.
Benjamin Bean for Electrolytic

Amount actually recovered: \$125,942.00

Name(s) of the project owner(s)/manager(s) to include address and phone number.
Electrolytic Technologies Corporation
19597 Northeast 10th Avenue

North Miami Beach, Florida 33179
305-655-2755

4. Action Captions of the Litigation or Arbitration: 2015-901062 Jefferson County AL
Amount at issue: \$18,057.00 to Revere against Electrical Services of Montgomery for non-payment

Name (s) of the attorneys representing all parties:
Jeanine Clements Bell, J.D. for Revere Control Systems, Inc.
Pro Se for Electrical Services of Montgomery, AL

Amount actually collected: \$18,057.00

Name(s) of the project owner(s)/manager(s) to include address and phone number:
Daniel Starr
1120 Parker Street
Montgomery AL 36108.

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

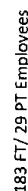
Full Legal Company Name: Revere Control Systems, Inc.

Attachment "2-A"
COMPANY ORGANIZATION CHART

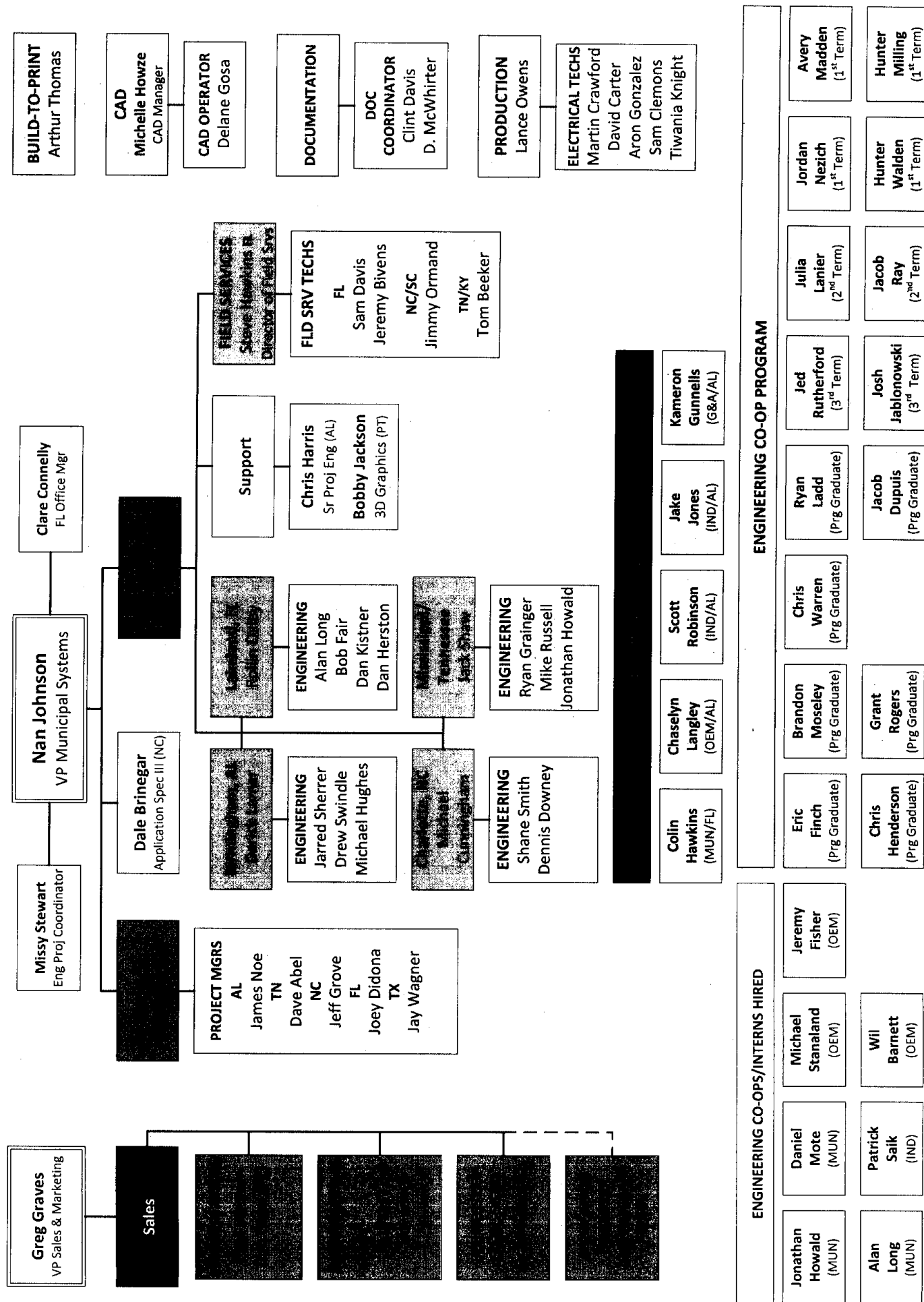
(Attach or insert copy here)

Please see attached.

September 2017



September 2017

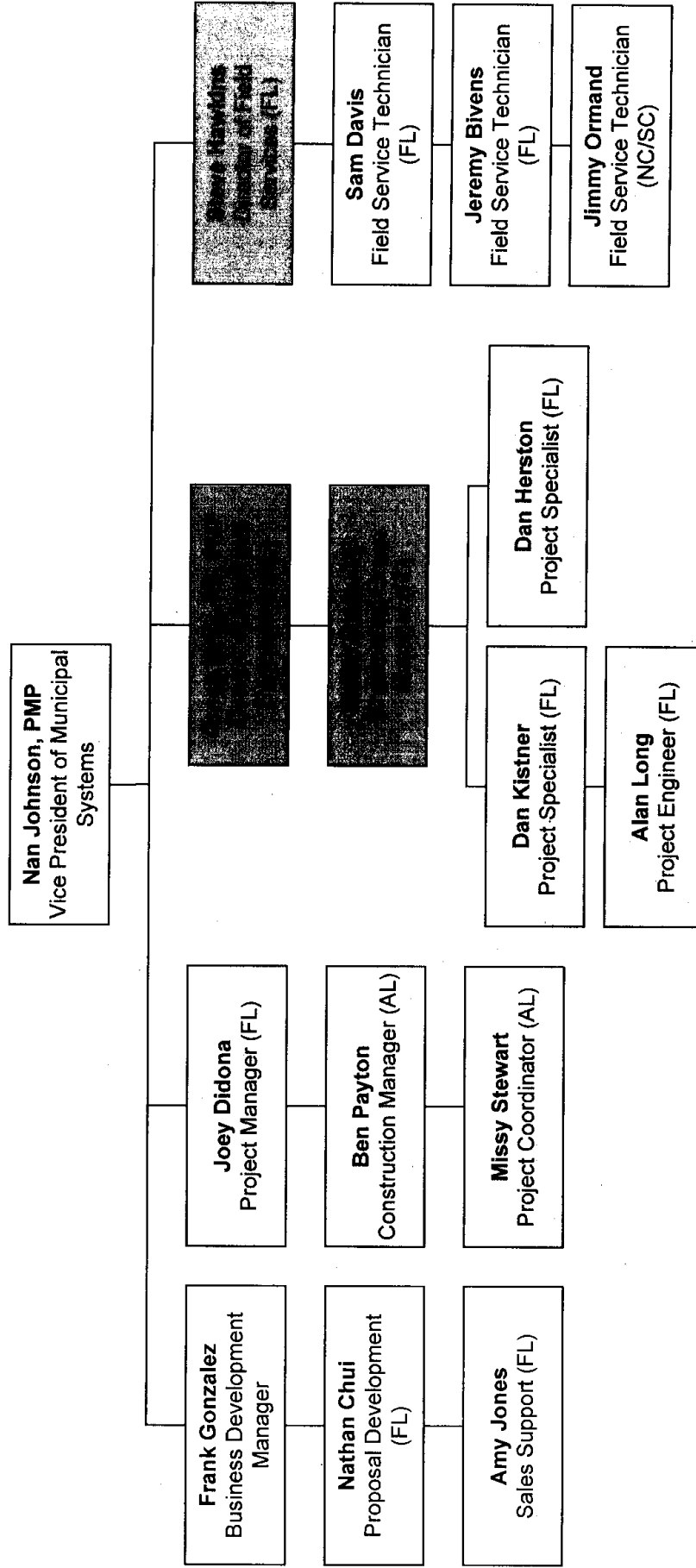


RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Revere Control Systems, Inc.

Attachment "2-B"
PROJECT TEAM ORGANIZATION CHART
(Attach or insert copy here)
Please see attached.

St. Johns County, Florida – SCADA System Services RFQ No. 17-79 Revere Control Systems, Inc.



RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES**Full Legal Company Name:** Revere Control Systems, Inc.**Attachment "2-C"****KEY PERSONNEL LIST**

In the space below, list all qualified personnel who are permanent employees of the company that may be utilized to perform the required scope of services. Attach brief but comprehensive resumes for each staff member listed below

Employee Name	Employee Title	# Years Employed	Total # Yrs. Experience
Nan Johnson, PMP	VP of Municipal Systems	10	25
Frank Gonzalez	Business Development Manager	1	7
Joey Didona	Project Manager	3	23
Gregg Gray, PE, PMP	Director of Municipal Engineering	23	28
Rollin Oxley, PE	Engineering Group Manager, FL	5	11
Dan Kistner	Project Specialist	3	11
Dan Herston	Project Specialist	5	20
Alan Long	Project Engineer	2	2
Sam Davis	Field Service Technician	6	8
Jeremy Bivens	Field Service Technician	2	22
Jimmy Ormand	Field Service Technician	5	30

Vice President

Administration

Nan Johnson, PMP
Vice President of Municipal Systems
Birmingham Office

Industry

- Water & Wastewater
- Industrial

Experience

- Joined Revere Control Systems in 2007
- Responsibilities include: planning, organizing and directing the activities of Municipal Systems so that company objectives are efficiently achieved, company policies and procedures are adhered to, and high customer and employee satisfaction rates are maintained
- Previous experience: 18 years' experience in water/wastewater systems engineering and project management
- HMI/SCADA: FIX 32, iFIX, Cimplicity, RSView32, Wonderware
- Communications: LAN/WAN, Radio (MAS), Ethernet, Modbus, Serial
- PLC: GE 90-30, 90-70, VersaMax, Rx3i, Allen-Bradley SLC, ControlLogix, MicroLogix
- Instrumentation: Flow, Level, Analytical
- Database: SQL Server
- Other: Networks, Field Startup
- Programming Languages: VisualBasic

Specialty Areas

- HMI Configuration
- Communications/Networks
- Field Startup
- Project Management

Training/Certification/Memberships

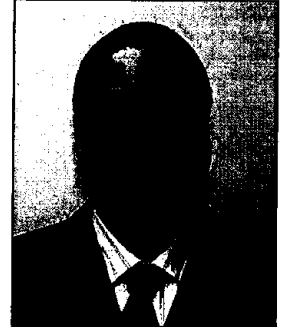
- Six Sigma Greenbelt Certification
- Professional Employee Management Development Course (PEMDC)
- Firm Price Job Management (FPJM)
- Contract Awareness and Risk Exposure (CARE)
- Project Management Professional (PMP) Certification Number 1203917

Education

- BS Computer Science, University of South Carolina, Columbia, South Carolina
- Associate of Arts, Anderson College, Anderson, South Carolina

Municipal Business Development

Frank Gonzalez, RCDD
Business Development Manager



Industry

- Water & Wastewater
- Industrial

Experience

- Joined Revere Control Systems in 2017
- Responsibilities include: generation of proposals, specifications, and bid pricing; and establishment and maintenance of representative network; assisting consulting engineers and contractors (contract negotiations); preparation of estimates/bids for instrumentation and control projects for municipal water and wastewater customers
- Previous experience:
- HMI/SCADA:
- Communications: Fiber Optic Cable, Copper Network Cable
- PLC: Allen Bradley, Modicon, GE, Siemens
- Instrumentation: Level, Pressure, Flow, Analytical

Specialty Areas

- Process Instrumentation
- Plant Control Systems Design
- Communication and Infrastructure Cabling

Training/Certification/Memberships

- BICSI Member
- Registered Communications Distribution Designer (RCDD)

Education

- BS Management Science, Virginia Polytechnic Institute & State University, Blacksburg, VA

Project Management

Joseph Didona
Project Manager
Lakeland Office

Industry

- Water & Wastewater

Experience

- Joined Revere Control Systems in 2014
- Responsibilities include: Oversight of all aspects of projects by planning, executing, monitoring, controlling and closing projects to quality standards within customer expectations and company objectives.
- Previous experience: 20 years of experience in construction project management, project implementation in the Water & Wastewater Industry
- Project Management Tools: Primavera, Project Planning and Budgeting
- Skills: Subcontractor Coordination, Scheduling, Risk Management

Specialty Areas

- Project Management
- Procurement, Equipment and Startup Coordination
- Prepared and Negotiated Subcontracts
- Site Work Planning and Management

Training/Certification

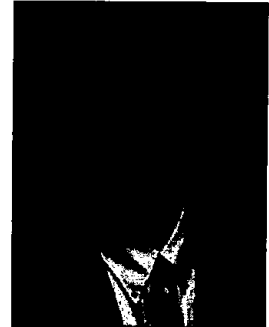
- OSHA 30-hour course

Education

- Bachelor of Science in Mechanical Engineering (BSME), University of Central Florida

Engineering Management

Gregg Gray, PE, PMP
Municipal Engineering Director
Birmingham Office



Industry

- Water & Wastewater

Experience

- Joined Revere Control Systems in 1994
- Responsibilities include: supervision, management, and training of engineering staff ; to ensure project success and timely deliverance of business results; control systems design, programming, testing, implementation, and service
- Previous experience: 1 year in industrial power distribution systems, which included developing bid package, supervising contractors, and overseeing project costs; 4 years as a computer engineer in the United States Air Force designing computer networks
- HMI/SCADA: Wonderware, FIX DMACS, FIX32, IFIX, RSView, US Data/FactoryLink, PanelView, PanelMate, Magelis
- Communications: LAN/WAN, Radio (MAS, Spread Spectrum) Leased Line, Ethernet, Modbus Plus, Data Highway Plus, Fiber Optic
- PLC: Allen-Bradley, Modicon, Bristol Babcock, Siemens, Toshiba
- Instrumentation: Flow, Level, Analytical, Pressure
- Other: Networks, Field Startup
- Programming Languages: VBA for Excel

Specialty Areas

- HMI Programming
- PLC Programming
- Instrumentation

Training/Certification/Memberships

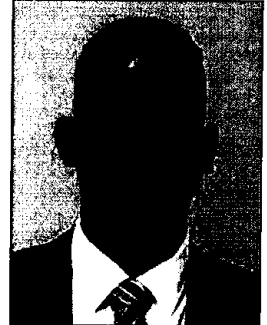
- Licensed Professional Engineer in Electrical Engineering – Alabama #24061, Louisiana #29982, Georgia #037169, Texas #104365, Tennessee #117166, Virginia #0402053271, North Carolina #040048, and South Carolina #27661
- Project Management Professional (PMP) Certification Number 1197407

Education

- BEE, Auburn University, Auburn, Alabama

Engineering Management

Rollin Oxley, PE
Engineering Group Manager
Lakeland Office



Industry

- Water & Wastewater

Experience

- Joined Revere Control Systems in 2012
- Responsibilities include: control systems design, programming, testing, implementation, and service
- Previous experience: 6 years control, SCADA, and automation systems engineering
- HMI/SCADA: Trihedral, Wonderware
- Communications: Radio, Ethernet, Fiber, and WiBB
- PLC: Motorola, Allen Bradley, Siemens

Specialty Areas

- Programming
- Control Panel Design
- Radio Communication Systems

Training/Certification/Memberships

- Licensed Professional Engineer in Electrical Engineering - Florida #74167

Education

- BSEE, University of South Florida, Tampa, Florida

Engineering

Dan Kistner
Project Specialist II
Lakeland Office



Industry

- Water & Wastewater

Experience

- Joined Revere Control Systems in 2014
- Responsibilities include: control systems design, programming, testing, implementation, and service
- Previous experience: 7+ years PLC and HMI programming in municipal and industrial environments
- HMI/SCADA: Wonderware ArchestrA, Trihedral VTS, Rockwell Factory Talk View, Maple, IFix
- Communications: Ethernet, Modbus, Analog/Digital Radio
- PLC: Motorola, Allen-Bradly, Modicon, Automation Direct
- Instrumentation: Flow, Level, Pressure, Temperature
- Drives: Schneider
- Other: Field Startups, New Concept Development

Specialty Areas

- PLC Programming
- HMI Development
- Troubleshooting

Training/Certification/Memberships

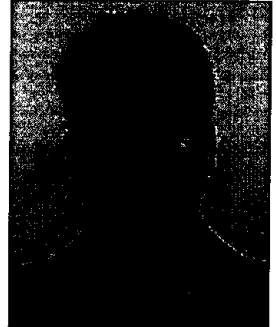
- Wonderware System Platform Certified Developer
- Trihedral VTS Advanced Programming and Scripting

Education

- Electrical Engineering Curriculum, University of Central Florida, Orlando
- Digital Media Curriculum, Polk State College, Winter Haven, FL

Engineering

Dan Herston
Senior Project Specialist
Florida Region



Industry

- Water & Wastewater

Experience

- Joined Revere Control Systems in 2012.
- Responsibilities include: control systems design, programming, testing, implementation, and service
- Previous experience: 6 years as Sr. Programmer, 8 years as Controls Engineer, 1 year as Applications Engineer
- HMI/SCADA: iFIX, WinCC, PanelView Plus, CiTect, Wonderware, RSVIEW, VTS
- Communications: Profibus-DP/PA, ProfiNET, Industrial Ethernet, Modbus/TCP, Modbus+, EtherNET-IP, DeviceNET, ControlNET, DH+
- PLC: Siemens S7/TI505/405/S5, AB RSLogix5000/5, Modicon Concept/Proworx32, GE 90-30/Series1, Motorola ACE3600
- Drives: ABB, Siemens, GE, AB, Magnetek, SquareD
- Instrumentation: E+H, Siemens, Rosemount, Hach, Foxboro
- Other: process control, power and motion, burner safety

Specialty Areas

- Programming
- Documentation
- Training

Training/Certification/Memberships

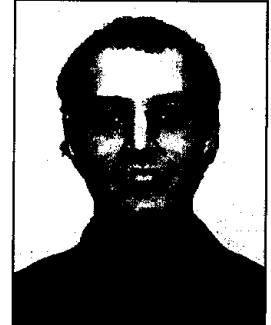
- iFIX Fundamentals 154A Training
- Advanced iFIX Development 254 Training
- ABB ACH400 Variable Frequency Drive Training
- Siemens Simoreg DC Drive Training
- Certified ProfiNET Engineer

Education

- Information Technology and Electronics Technology curriculum at Shoals Community College, Muscle Shoals, Alabama
- Graphics Design curriculum at Indian River State College, Fort Pierce, Florida

Engineering

Alan Long
Project Engineer I
Birmingham Office



Industry

- Water & Wastewater

Experience

- Joined Revere Control Systems in 2015
- Responsibilities include: control systems design, programming, testing, implementation, and service
- HMI/SCADA: Panelview-Plus, Red Lion G3 Series
- Communications: Ethernet
- PLC: Allen Bradley CompactLogix and ControlLogix, Siemens SIMATIC, Motorola ACE3600
- Drives: Allen Bradley, Schneider
- Other: RSLogix, FactoryTalk, MS Office

Specialty Areas

- Control Panel Design
- PLC/OIT Programming
- Factory Testing

Training/Certification/Memberships

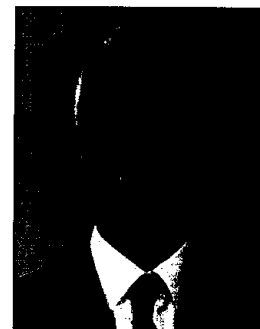
- Revere's Engineering Co-op Program
- Revere's Engineering Internship Program

Education

- BEE, Auburn University, Auburn, Alabama

Customer Support Services

Sam Davis
Field Service Technician
Lakeland Office



Industry

- Water & Wastewater

Experience

- Joined Revere Control Systems in 2015
- Responsibilities include: installation, startup, and service of control systems; training customers in the operation, maintenance, and troubleshooting of control systems
- Previous experience: Over 20 years of experience in a broad range of Instrumentation and Controls support roles with a major focus in the Water/Wastewater Industry
- HMI/SCADA: Proficy iFix, Proficy Historian, Wonderware,
- PLC: Allen-Bradley SLC-500, CompactLogix
- Communications: Fiber Optic, TCP/IP Ethernet, 200 and 900 MHz Radios
- Instrumentation: Flow, Level, Pressure, Analytical

Specialty Areas

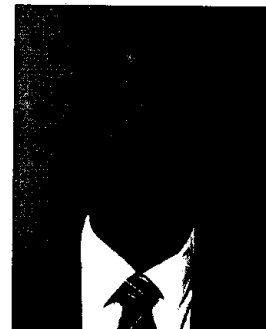
- Field Instrumentation
- Water/Wastewater Process

Training/Certification/Memberships

- NIMS IS-300/400/700 and Operations Section Chief Certification
- FWPCOA Backflow Tester Certification

Customer Support Services

Jeremy Bivens
Field Service Technician



Industry

- Water & Wastewater
- Industrial
- Marine Electrical, Control, Communications, and Drive Systems

Experience

- Joined Revere Control Systems in 2016
- Responsibilities include: installation, startup, and service of control systems; training customers in the operation, maintenance, and troubleshooting of control systems; and sales of service contract work
- Previous experience: 20 Years US Navy Electrician
- HMI/SCADA: Rockwell Automation, Proface, GE
- Communications: TCP/IP, Serial Communications
- Drives: Siemens, ABB
- Instrumentation: Rosemount, Siemens, Endress & Hauser (Pressure, Flow, Level, Temperature)

Specialty Areas

- Electrical Troubleshooting
- Instrumentation

Training/Certification/Memberships

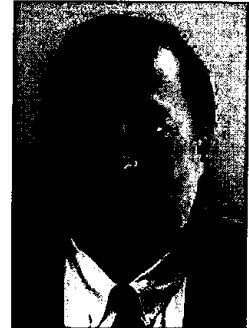
- OSHA 10-hour certification
- CompTIA Security+ Certification

Education

- US Navy

Customer Support Services

Jimmy Ormand, CCST
Field Service Technician
Charlotte Office



Industry

- Water & Wastewater
- Industrial

Experience

- Joined Revere Control Systems in 2012
- Responsibilities include: installation, startup, and service of control systems; training customers in the operation, maintenance, and troubleshooting of control systems; and sales of service contract work
- Previous experience: 25 years instrumentation experience in manufacturing, power, water and wastewater fields
- Instrumentation: Foxboro, Rosemount, Siemens, Hach

Specialty Areas

- Field Service

Training/Certifications

- ISA Level I Certified Control Systems Technician, Certificate No. 24806

Education

- Associates Degree in Engineering Technology with a major in Computer Engineering Technology, York Technical College, Rock Hill, SC
- Associates Degree in Occupational Technology-General Technology with a major in Industrial Electricity/Electronics, York Technical College, Rock Hill, SC

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Revere Control Systems, Inc.

Attachment “2-D”

LIST OF PROPOSED SUB-CONTRACTORS

Each Respondent shall provide any and all subcontractors or major materials suppliers proposed to perform any portion of work specified herein. Attach Brief comprehensive resumes, including any and all licenses/certifications held. All proposed subcontractors are subject to approval by the County.

DIVISION OF WORK

NAME AND ADDRESS OF SUBCONTRACTORS

Electrical

Cogburn Bros. Inc. 3300 Faye Road, Jacksonville, FL 32226



3300 Faye Road, Jacksonville, FL 32226 • 904-358-7344 • www.cogburnbros.com

We appreciate your interest our company. Cogburn Bros. Inc. was founded in 1977 by Ron and Larry Cogburn. Our electrical division is lead by an experienced staff of project managers and estimators possessing extensive knowledge in design build projects. Our mechanical division provides services ranging from process pipe fitting, welding to equipment installations. Our diverse operation is capable of providing construction, maintenance, mission critical power, management and services from small to multi-million dollar projects.

Our corporate mission statement is to provide quality service that exceeds our client's expectations, on schedule and within budget. We strive for excellence and stress safety on all of our projects.

Divisions

- **Electrical** – Specializing in industrial electrical construction, electrical and instrumentation controls, fiber optic termination, high voltage terminations, maintenance and services in the following market areas:
 - Water / Wastewater Plants (including design build projects)
 - Pulp / Paper Mills
 - Chemical Plants
 - Manufacturing Facilities
 - Mining Facilities
 - Generating Plants
 - Critical Power
- **Mechanical** – We perform all types of Mechanical Industrial and Commercial installations: stainless / carbon steel pipe welding, fabrication, mechanical pipe fitting, process piping, Millwright and Civil work. Equipment installations: chillers, vessels, conveyor systems and specialty installations. Work performed in the following market areas:
 - Water / Wastewater Plants (including design build projects)
 - Pulp / Paper Mills
 - Chemical Plants
 - Manufacturing Facilities
 - Mining Facilities
 - Generating Plants
 - Commercial Facilities

- **Mission Critical Power** – We specialize in the preventative maintenance and service of Mission Critical facilities while maintaining 100% uptime to your business. Cogburn Brothers offers a turn-key solution to critical power and mechanical cooling infrastructure upgrades. As your single point of contact, we have the resources and product knowledge to lead projects to contain costs, coordinate resources and equipment and ensure timely project completion. We provide the following services:
 - UPS and Battery Installations
 - Chillers – Conditioned Air Installations
 - Process Piping
 - SCADA
 - Infrared Thermography
 - Generator Installations
 - Commissioning
 - Maintenance
 - Design Build
 - Monitoring
 - Power Assessments

Projects

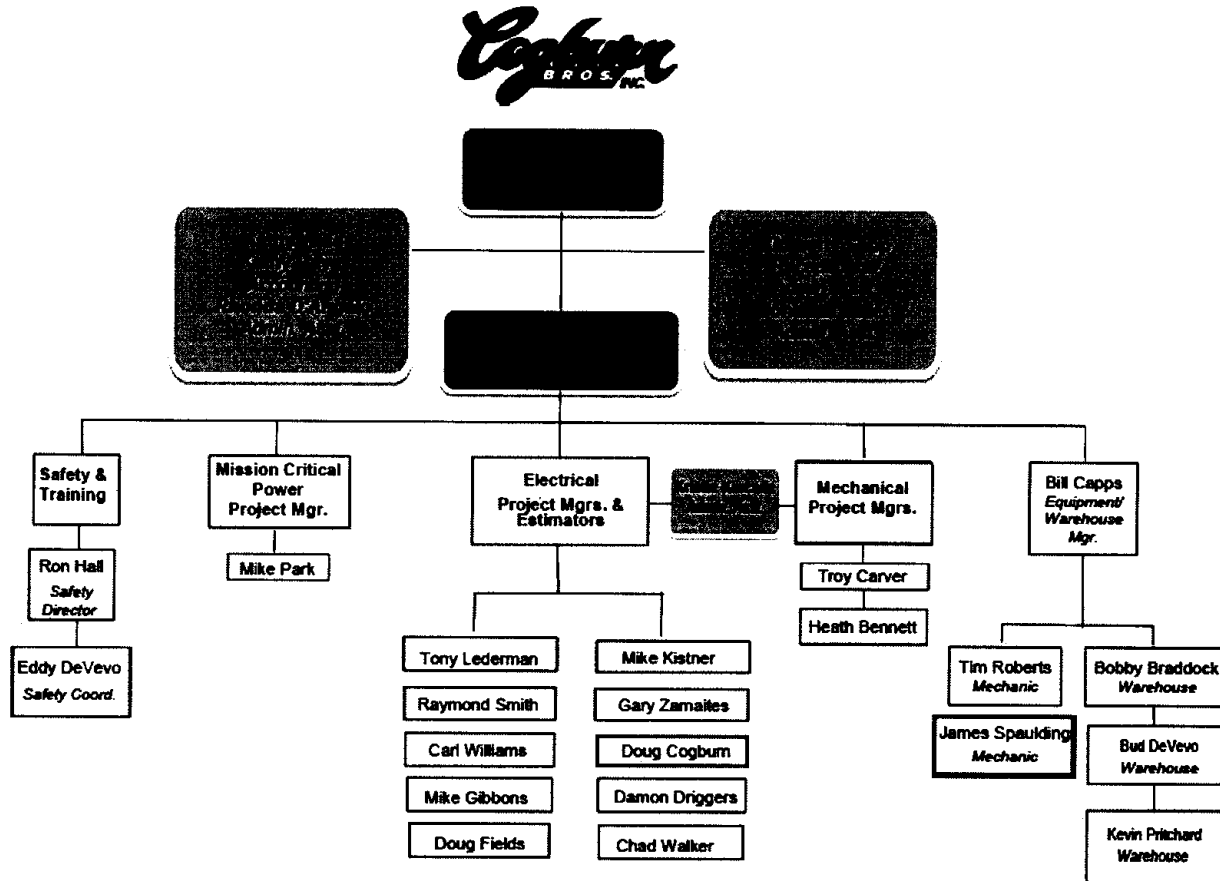
Cogburn Bros., Inc. has the knowledge, experience and leadership to successfully complete projects ranging from small package plants, and lift stations to large industrial facilities including water/wastewater treatment plants. We have completed single projects in excess of \$17 million dollars. Regardless of size or value, we provide the same quality workmanship on all projects.

Personnel

Through our team of experienced professionals, we work closely with our customers, building relationships learning and understanding the requirements unique to each customer. We can draw upon years of practical experience to recommend value engineering and cost saving ideas to each client. Our management staff has remained loyal to our company and many of them have been with us for over 30 years.

Our field superintendents and foreman have extensive field management expertise including advanced education training. All of our electricians have been through a comprehensive apprenticeship program and have field experience in the industrial market. All of our electricians hold either a journeyman or master craftsman certificate.

Company Organization Chart



Safety is a focus on every project and jobsite. Our field managers are provided with CPR and first aid training, and continually update their knowledge of OSHA and other safe work practices. Cogburn Bros. safety director ensures that our safety program is in compliance with all federal, state and local regulations. We believe that safety is the responsibility of every employee of Cogburn Bros., Inc. We have an excellent safety record:

- TRIR (Total Recordable Incident Rate)
 - 2014 - .47
 - 2015 - .74
 - 2016 - .34
- EMR (Experience Modification Rate)
 - 2014 - .71
 - 2015 - .67
 - 2016 - .63

Awards

Cogburn has been recognized many times over the past few years for contributions to the industry, for safety and for personal accomplishments.

- Anheuser Busch, "Proud to be Safe" award, 1996 and 2007
- MWH Constructors, "Outstanding Safety Award", 2007
- National Electrical Contractors Association, James H. McGraw Award
- Design Build Institute of America, Ave Maria project in Florida, 2007
- DBIA Project of the Year Award, Bonita Springs Waste Water Treatment Plant, 2008
- DBIA Project of the Year Award, North Lee County Water Treatment Plant Expansion, 2012
- National Design Build Award, North Lee County Water Treatment Plant Expansion to 10 MGD, 2013

License

- Alabama Electrical Contractor – 01738
- Florida Certified State Electrical Contractor – EC0000457
- Florida General Contractor – CGC1520255
- Florida Mechanical Contractor – CM-C056960
- Florida Certified Pollutant Storage System Contractor – PC-C056557
- Florida Certified UG Utility & Excavation Contractor – CU-C056658
- Georgia Unlimited Electrical Contractor – EN002772
- Louisiana Electrical Work (Statewide) – 54509
- Mississippi Electrical Work – 20409-MC
- North Carolina Unlimited Electrical Contractor – 11934/00-U
- South Carolina Unlimited Electrical Contractor – 103321
- Tennessee Unlimited Electrical Contractor – 66186
- Texas State Electrical Contractor – EC-27835
- Virginia Class A Electrical Contractor – 2705151588
- Washington, D.C. Electrical Contractor – ECC902773

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ELECTRICAL CONTRACTORS LICENSING BOARD

LICENSE NUMBER	
EC0001120	

The ELECTRICAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018

SMITH, RAYMOND H
COGBURN BROS, INC
9107 ROCKPOND MEAD
JACKSONVILLE 32221-5567



ISSUED: 07/24/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1607240002533

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Revere Control Systems, Inc.

Attachment "3-A"

PROJECT EXPERIENCE
(Completed within past 3 years)

- 1. Name of Project:** S-127 Command & Control Center (CC&C)North Shore Path Automation
Project Description: Revere was the prime contractor for the \$6M project for the modification of 5 North Shore Pump Stations for local & wide area remote SCADA operations with main access control from the S-127 (CC&C) in Glades, Martin, Okeechobee Counties, Florida. The project utilized the Rockwell Automation FactoryTalk SCADA software & ControlLogix .
Owner Name: South Florida Water Management District (SFWMD)
Contact Name, Title: Anthony Rosato, Project Manager
Phone # & Email Address: (561) 682-2604 arosato@sfwmd.gov
Dollar Value of Project: \$6,186,691.25
Completion Date of Project: March 2017
- 2. Name of Project:** Boca Raton Water Treatment Plant Upgrade
Project Description: Revere served as the prime contractor for the upgrade of the Water Treatment Plant including PLC Hardware/Control Panel Upgrades & Modifications from Bristol Babcock PLC's to Allen Bradley ControlLogix, programmed w/ Rockwell Software RSLogix 5000, Replacement of Field Instrumentation, HMI Upgrade, Standardization of Tagname Conventions, Startup & Commissioning, and Training .
Owner Name: City of Boca Raton, Florida
Contact Name, Title: Mike Tufts, SCADA Manager
Phone # & Email Address: (561) 876-3342 MTufts@ci.boca-raton.fl.us
Dollar Value of Project: \$1,895,186.94
Completion Date of Project: December 2014
- 3. Name of Project:** Seminole County Wasterwater Pump Station RTU / Cellular Conversion
Project Description: Revere provided the construction & replacement of 297 RTU assemblies including PLC Programming (Motorola ACE3600), RTU Upgrades, HMI Configuration (Wonderware System Platform), and Cell Modem Configuration (CalAmp), Electrical Installation, Startup and Commissioning.
Owner Name: Seminole County, Florida -Environmental Services Department
Contact Name, Title: Russell Carpenter, Instrumentation & Control Technician
Phone # & Email Address: (407) 665-2739 rcarpenter@seminolecountyfl.gov
Dollar Value of Project: \$2,081,124.00
Completion Date of Project: April 2015



CUSTOMER REFERENCE

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD)
S-127 Command and Control Center North Shore Path Automation
Glades, Martin and Okeechobee Counties, Florida
3301 Gun Club Road
West Palm Beach, Florida 33406**

Owner Representative – SFWMD

Anthony Rosato, Project Manager

Phone: (561) 682-2604

E-Mail: arosato@sfwmd.gov

Year of Project Completion: 2017

Contract Amount: \$6,186,691.25

Description of Services Provided

Revere was awarded the contract for the S-127 Command and Control Center North Shore Path Automation Project for sites located in Glades, Martin and Okeechobee Counties. Revere served as the Prime Contractor for this project. The following represents a high level description of the contracted scope of work for the project.

- Modification of five (5) North Shore Pump Stations: S-127, S-129, S-131, S-133 and S-135 for local and wide area remote SCADA operations with main access control from the S-127 Control and Command Center (C&CC).
- Modification of the five (5) pump stations communications site shelters, rooms, tower appurtenances, climbing ladders and transmission line bridges in preparation for the wide area microwave communications system installation.
- Provision of electronic safety and security (ESS), communications electronics, structured cabling systems, control cabling systems, and coordination with local telephone system providers for decommissioning of old services and establishment of new services.

The following represents a detailed description of the automation scope of work performed for the project.

- PLC based Pumping System Control Centers (PSCC) were added to Pump Station S-133.
- Station Control Centers (SCC) and associated instrumentation were provided for all five (5) Pump Stations for remote monitoring and operation of the stations. Each Station Control Center consisted of a programmable logic controller (PLC), Ethernet switches, industrial grade UPSes to maintain an up time of fifteen (15) minutes and local or field mounted touch panels programmed with the HMI application.
- Surveillance cameras, fire alarm, electronic access, intrusion alarm systems were provided as part of the electronic safety and security systems at all five (5) of the pump stations.
- Modifications were made to the fuel storage monitoring system at all five (5) of the pump stations.
- HMI monitors at the pump stations were modified in accordance with the District's Pump Station Display Guidelines.
- The S-127 Control and Command Center was setup to operate and monitor the five (5) North Shore Pump Stations through the use of the Rockwell Automation Software FactoryTalk Application Suite of SCADA software including data processing and communications. Modification to the S-127 C&CC electrical distribution was performed to accommodate the new automation, electronic safety



CUSTOMER REFERENCE

and security, communications equipment and audio-visual equipment along with a new Uninterruptable Power Supply (UPS).

- The electrical service for Pump Station S-131 was upgraded.
- The entire S-127 C&CC SCADA control system was factory tested and demonstrated for the District's personnel prior to equipment delivery and installation.
- Modification of the existing tower appurtenances, cable bridges and equipment shelters at all five (5) pump stations.

The microwave data communication system between the five (5) pump stations was performed under a separate contract by Aviat Networks Corp. Revere was required to complete all work related to modifying the tower appurtenances, cable bridges and equipment shelters during Phase 1 of the project within a duration of 180 days from Notice to Proceed.

Extensive testing and verification of the system operation was performed by Revere in coordination with the District's operations staff and schedule requirements. The following testing activities were successfully performed in order to achieve final completion and acceptance of the system and project.

- Witnessed Factory Testing prior to shipment of the equipment for installation.
- Operational Readiness Tests (ORT) to verify functionality, performance and stability of the hardware and software applications.
- 30-Day Acceptance Test with full access and use of the system by the District's personnel.

The following major equipment items were provided by Revere Control Systems, Inc. as part of the Systems Integration scope of work. Control panels were designed, assembled and factory tested by in-house Engineering and Production personnel at our Birmingham, Alabama facility.

- Field Instrumentation
 - Xylem Digital Shaft Encoder Level Transmitter to measure Headwater Level
 - Jerguson Dual Displacement Level Switches for the Intake Bay Low/Low-Low Level Indications
 - Minco Temperature Sensors measuring Engine Exhaust Temperature
 - Pneumercator Fuel Monitor Consoles for Diesel Bulk Storage Tank Level Monitoring
 - Omega Temperature Sensors measuring Engine HPTO Temperature
 - Omega Pressure Sensors measuring Engine HPTO Pressure
 - Murphy Dual Level Float Switches for the Engine HPTO High/Low Level Indications
 - SSAC Voltage Monitors for monitoring the Utility and Generator Voltages
 - Ashcroft Pressure Switches for Lube Water Low Pressure Indications
- A Station Control Center (SCC) Control Panel for each of the five (5) Pump Stations using the Allen Bradley ControlLogix PLC hardware platform
- A local Human Machine Interface (HMI) terminal for each of the five (5) Pump Stations using the Allen Bradley Panelview Plus 6 Operator Interface Terminal
- Control Building Computer Hardware for System Monitoring and Control
 - Dell 9020 Optiplex Computer Systems for Engineering and System Workstations including 24" LCD Monitors
 - Dell Latitude E6440 Laptop Computer for System Programming and Support
 - Dell PowerEdge VRTX Virtual Machine Server System with three (3) CPUs, Virtual Machine Server Software
 - Cisco Catalyst 2960X Series Ethernet Switches
 - LAN Equipment Racks
 - APC Uninterruptable Power Supplies

Revere Control Systems, Inc. worked with the following partners that focused on various disciplines and areas of expertise to complete the full implementation of the project.



CUSTOMER REFERENCE

- Durham Electric, Inc. – Electrical Installation
- Close Construction, Inc. – Mechanical Construction and Installation
- Universal Cabling Systems, Inc. – Data and Communication Cabling
- Gator Security – Security, Access and CCTV Control Systems
- Red Hawk Fire & Security – Fire Alarm Systems

The project implementation consisted of two (2) major Milestones with defined number of days to complete work scopes. All milestones were completed on schedule.

- Milestone 1 – 180 Days from Notice to Proceed
 - Complete remediation work for the microwave communications shelters, towers and line bridges at five (5) pump stations
- Milestone 2 – 405 Days from Notice to Proceed
 - Complete system wide scope of work for testing of the Aviat Networks communications.
- Substantial Completion – 504 Days from Notice to Proceed
- Final Completion – 549 Days from Notice to Proceed



CUSTOMER REFERENCE

CITY OF BOCA RATON
Utility Services Department
1401 Glades Road
Boca Raton, FL 33431-6417

Owner Representative(s):

Mike Tufts; SCADA Manager
Phone: (561) 876-3342
E-Mail: MTufts@ci.boca-raton.fl.us

Consulting Engineer Representative(s):

John Chandler; Construction Manager
Phone: (954) 776 1731
E-Mail: chandlerjs@cdmsmith.com

Dave Ubert; Automation Group Leader
Phone: (407) 660-6388
E-Mail: ubertdl@cdmsmith.com

Project Budget: \$1,904,000
Final Costs: \$1,895,186.94
Original Schedule: Start Date - November 1, 2012; Completion Date - March 9, 2014
Actual Schedule: Start Date - November 1, 2012; Completion Date - December 17, 2014
Percent Performed by Revere: 90%

Description of Services Provided

Revere served as the Prime Contractor for the Boca Raton FL Water Treatment Plant SCADA Upgrade Project to perform the following scope of work.

- Replace all of the Bristol Babcock PLCs with Allen Bradley ControlLogix platform controllers.
- Replace and relocate the Siemens PLC System controlling the Pressure Filter System.
- Programming of the Allen Bradley ControlLogix controllers to match the original Bristol Babcock logic functionality.
- Modification of the existing control panels to replace the Bristol Babcock PLC hardware with Allen Bradley ControlLogix including various components to allow for proper functionality.
- Replacement of several field instruments such as level transmitters.

The Allen Bradley ControlLogix processors were programmed using Rockwell Software's RSLogix 5000. The existing HMI Application was modified to reference the address information for the new Allen Bradley ControlLogix processors and a newly defined tagname convention as coordinated with the Owner.

A detailed Factory Acceptance Test was held at the Revere facility where the system was demonstrated for the Consulting Engineer and the Boca Raton Plant Operations and Maintenance Staff. Modification of the existing controls panels were performed onsite with limited shutdown of various plant areas. The plant remained in operation with portions of the plant operated in manual mode while each area's control panels were upgraded.



CUSTOMER REFERENCE

SEMINOLE COUNTY, FLORIDA
Environmental Services Department
500 West Lake Mary Blvd
Sanford, FL 32773

Owner Representative(s):

Tom Owens, Project Manager
Phone: (407) 665-2721
E-Mail: towens02@seminolecountyfl.gov

Russell Carpenter, I&C Technician
Phone: (407) 665-2739
E-Mail: rcarpenter@seminolecountyfl.gov

Description of Services Provided

Revere is converting the existing Wastewater Pump Station Radio/RTU communication system to a cellular based system. This includes the construction and replacement of 285 RTU/Radio assemblies by removing the existing RTU and radio hardware and replacing with new Motorola ACE3600 units and cellular based modems.

Support services include PLC/RTU Programming (Motorola ACE3600), HMI Configuration (Wonderware Archestra), Cell Modem Configuration (CalAmp), Electrical Installation, Startup and Commissioning.

The project schedule duration is ten (10) months from the Notice to Proceed through Final Completion. The project began on January 24, 2014 with final completion scheduled for November 30, 2014. This includes five (5) months of planning, design with submittal documentation, factory testing and initial site pilot testing, followed by four (4) months of onsite installation, startup and commissioning prior to achieving Substantial Completion. The remaining one (1) month is allotted for completing final documentation and project closeout.

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Revere Control Systems, Inc.

Attachment "4-A"

PROJECT APPROACH
(Attach or insert copy here)

Please see attached.



Project Approach

St. Johns County SCADA System Services

A successful services contract does not begin with the actual provision of support services, but long before that with becoming familiar with the SCADA Plant Control System as well as the needs and expectations of the County's operations and maintenance personnel. As Revere Control Systems was not involved in the design, programming, startup and commissioning for all of the County's SCADA System, we have extensive experience with the County's installed Motorola hardware base and the Trihedral VTScada application software.

Following the award of a support services contract, Revere's Project Manager (PM) and Engineering staff will develop a detailed priced proposal to accomplish tasks requested by the County's personnel. The proposal will be based on the established services agreement pricing structure and submitted to the County for review and approval. Upon receive of approval by the County, Revere's project team will proceed with the identified tasks including design, programming, production, installation, startup, testing, commissioning and support services.

Each work task will be tracked and managed separately in order to maintain schedule requirements as well as cost reporting for progress reports and invoicing. Our Project Manager will prepare and submit regular reports to reflect the progress made and the plan or schedule for completing work tasks. The regular reports may be provided weekly, bi-weekly or monthly depending on the requirements of each work task.

Pay applications or invoices will be submitted on a monthly basis to reflect work completed during the current month. A draft copy of the pay application will be prepared and submitted by Revere's Project Manager for review by the County's primary point of contact. Once the draft or preliminary copy of the pay application is approved, the formal hard copy will be submitted to the County's Accounting Department for processing.

The need for support service in the event of an emergency condition is understood to be a critical aspect of the SCADA system support and service. Either onsite or remote access support will be provided within four (4) hours of receiving the request from an authorized County representative. Revere's support personnel will be available on a 24-hour call basis. Revere will provide a telephone number that is available 24 hours per day, 365 days per year in order to provide the emergency support services required by the County. Through this telephone access, various support personnel will be contacted and dispatched to provide the required support services in a timely manner.

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Revere Control Systems, Inc.

Attachment "5-A"

QUALITY & SCHEDULE CONTROL

(Attach or insert copy here)

Please see attached.



Quality & Schedule Control

St. Johns County SCADA System Services

Revere has established a Project Management Office structure based on the Project Management Institute (PMI) standards and procedures. While many of the PMI standards work well in the Systems Integration industry, there are several tasks or activities that are not as well suited for this type of work. As a result, we have adapted our procedures, forms and tools in order for us to be more effective in our management activities.

Our Project Management staff follows the procedures that Revere has put into place over the last five (5) years. We continue to evaluate our procedures, forms and tools and make improvements through changes, additions and deletions in order to meet the needs of our customers and our business model.

Our Project Manager serves as the main point of contact to the County to receive requests for support or services as well as to provide coordination, updates and administrative functions. The Project Manager is responsible for preparing estimates and proposals in response to the County's request for support services. This allows us to have continuity while establishing a high knowledge level of the service requirements early in the process. We have also found that by having the Project Manager involved during the Initiation Phase (estimating and proposal), we can better plan our activities and manage the expectations of the service or project not only for the customer but for our corporate management.

It is the Project Manager's responsibility to develop and maintain the Project Schedule with input from various parties including our Engineering Staff, Field and Installation Support Staff, Subcontractors, and most importantly, St. Johns County. The County's personnel provides specific requirements as to when various activities can be implemented at the plant site in order to minimize the disruption of plant operations and maintenance activities. Updates to the project schedule are provided to the County on a monthly basis during the project review meeting. However, coordination of onsite activities takes place with the County as often as daily depending on the task and the need for interaction with plant operations and maintenance.

The Project Manager is also responsible for the financial aspect of the project including cost management and financial reporting to corporate management on a monthly basis. Project budgets, actual costs incurred to date are evaluated each month and the Project Manager forecasts the remaining costs required to complete the project. The Project Manager reviews the project financials with division and corporate management on a monthly basis.

The Project Manager provides direction and clarification to the project team during the life of the project in order for project activities to progress per the schedule requirements. In the event that information is needed from the County, the Project Manager develops and issues a formal request for information to the County, especially when coordinating between multiple parties or resolving technical issues.

Subcontractors report directly to the Project Manager who provides direction for installation along with site coordination with the County. There are instances when subcontractor representatives perform the site coordination with the County depending on the type of work required. For projects of this type, the Project Manager is involved in the high level activities at every phase of the project. This includes such areas as design/submittals, configuration/programming, factory testing, site installation and startup/commissioning.

The following chart reflects the general responsibilities of Revere and the Owner or the Owner's Representative(s).

Phase	Revere Responsibilities	Owner Responsibilities
Project Plan	• Develop Project Plan • Prepare/Submit Project Schedule • Prepare/Submit Schedule of Values	• Review and provide comments to the Project Plan to allow for a smooth implementation
Design/Submittal/	• Coordination of Engineering Activities	• Provide input or responses to technical requests/issues



Programming	• Resource Planning	• Review and Provide Comments to Submittal Packages within the defined timeframe
Factory Testing	• Conduct a Mock Witnessed Factory Test to Verify Readiness for Owner Demonstration	• Verify Functionality of the Plant Control System via the Witnessed Factory Test
Installation	• Coordination of Revere Project Team Members including Subcontractors • Quickly Develop Resolutions for Issues as they are identified	• Maintain Plant Operations during Equipment Installation • Provide Direction for Existing Site Conditions • Identify the Needs of Plant Operations in order to Maintain Plant Productivity
Startup/ Commissioning	• Ensure System Testing is thoroughly performed and demonstrated for Owner Acceptance • Verify Work Scope is Completely Implemented	• Participate in System Testing and Validation of Startup Activities • Authorize Process Equipment Startup based on Plant Operating Conditions

Scope Management and Configuration/Change Management

One of the responsibilities for the Project Manager is to manage the work scope and prevent deviation from the defined contract requirements and County's expectations. It is understood that the County may request changes to the contracted work scope or that changes may be required as a result of plant conditions or unforeseen issues. The Project Manager will prepare and submit detailed proposals including an increase or decrease of the contract price in response to changes requested by the County as well as conditions or conflicts that require a scope change. Revere will not implement any changes to the contracted work scope without receiving authorization from the County in the form of a written change order agreement. This process allows the County to review the costs associated with the requested changes prior to any work being performed.

Chain of Command and Hierarchy for Resolution of Conflicts/Issues

Our Project Manager and project team are assigned the task to identify issues and develop resolutions in a timely manner so that the project schedule is maintained. This assignment carries a higher priority during field installation and startup activities since there is a direct impact on the plant operating conditions. The Project Manager will coordinate with the County's Representatives to determine the best resolution for each conflict/issue. This enables our project team to continue the work in an effort to maintain the project schedule as well as focus on the technical work activities. For most conflicts/issues, selecting a resolution is based on the County's preference and may be decided by members of the Operations and Maintenance Staff.

In the event that a conflict/issue requires authorization from a position higher than the Project Manager, then Revere's Vice-President of Municipal Systems (Nan Johnson) will work with the Project Manager and County to resolve the issue as quickly as possible. The County's Representative may contact a member of Revere's Corporate Management Team including the Vice-President of Municipal System and Chief Operating Officer (David Paden) directly or via the Project Manager. Contact information for these individuals will be included in our project plan and distributed during the first few days of the project.

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Revere Control Systems, Inc.

Attachment "6-A"

**PROJECT STATUS REPORT / PROJECTS IN PROGRESS
OR ANTICIPATED WITHIN NEXT 12 TO 24 MONTHS**
(Complete and Submit, include Private Sector Projects)

1. Name of Project: Hillsborough NWRWRF Expansion Design-Build

Project Description: Revere will assist the Garney / Wharton-Smith / TetraTech team in the design & implementation of the expansion for the Hillsborough County Northwest Regional Water Reclamation Facility. Revere to assess current and develop future network topology, develop P&I drawings & equipment, develop I/O list, create panel drawings, & PLC, SCADA programming, report generation & training per the Design Criteria Package at 60-90-100%.

Location: Hillsborough County, Florida

Owner Name: Garney Companies

Public Sector (Yes or No): Yes

Private Sector (Yes or No): No

Start Date/Anticipated Start Date: July 15, 2016

Scheduled Completion Date: December 31, 2019

2. Name of Project: Polk County Lift Stations SCADA Improvements

Project Description: This project consists of upgrading the Lift Station RTU Control Panels at eleven (11) remote sites. All stations include electrical installation, field instrumentation, RTU control panel and integration with the main control panel.

Location: Polk County, Florida

Owner Name: Polk County Board of County Commissioners

Public Sector (Yes or No): Yes

Private Sector (Yes or No): No

Start Date/Anticipated Start Date: January 3, 2017

Scheduled Completion Date: January 31, 2018

3. Name of Project: Hillsborough Countywide Water Quality Monitoring Systems

Project Description: This project consists of performing all operations in connection with construction of (27) twenty-seven monitoring stations distributed throughout the County's potable water system to monitor water quality including chlorine residual, water pressure, and flow rate. Twenty two (22) of the stations will be co-located at existing County lift stations. All stations require mechanical, electrical and instrumentations improvements.

Location: Hillsborough County, Florida

Owner Name: Hillsborough County Department of Procurement Services

Public Sector (Yes or No): Yes

Private Sector (Yes or No): No

Start Date/Anticipated Start Date: April 3, 2017

Scheduled Completion Date: March 28, 2018

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Revere Control Systems, Inc.

Attachment "6-A" (Continued)

**PROJECT STATUS REPORT / PROJECTS IN PROGRESS
OR ANTICIPATED WITHIN NEXT 12 TO 24 MONTHS**

(Complete and Submit)

4. **Name of Project:** St. Petersburg NWWRF Effluent Filters Improvements & WWRF Reclaimed Water
Project Description: The scope of work is to provide I & C upgrades to the existing automation system installed by Revere in 2009 for the NWWRF. Modifications include furnishing & installing field instruments, calibration, loop check, alter existing control panels, Allen-Bradley PLC and Wonderware System Platform SCADA programming.
Location: City of St Petersburg
Owner Name: PCL Construction, Inc.
Public Sector (Yes or No): Yes Private Sector (Yes or No): No
Start Date/Anticipated Start Date: August 6, 2017 Scheduled Completion Date: June 30, 2018
5. **Name of Project:** Orlando Water Conserv II Grit Removal System
Project Description: Revere is to provide field equipment, calibration, loop checks, panel design, fiber optic and network communication verification, and panel startup assistance for the Grit Removal System.

Location: City of Orlando
Owner Name: PCL Construction, Inc.
Public Sector (Yes or No): Yes Private Sector (Yes or No): No
Start Date/Anticipated Start Date: August 15, 2017 Scheduled Completion Date: June 30, 2018
6. **Name of Project:** Georgia Pacific Cellulose Foley Paper WWTP Modifications Design-Build
Project Description: Revere is to provide the design for the control system for industrial waste pretreatment prior to discharging into a stream. The scope of work includes field equipment, loop check, control panels, startup, and PLC and DCS programming.

Location: Perry, Florida
Owner Name: Wharton-Smith, Inc.
Public Sector (Yes or No): No Private Sector (Yes or No): Yes
Start Date/Anticipated Start Date: July 27, 2017 Scheduled Completion Date: December 31, 2018

(Use additional or supplemental pages as needed)



Schedule & Availability

St. Johns County SCADA System Services

Revere's current workload includes projects where we are self-performing the Engineering tasks such as hardware selection, control panel design, PLC programming, HMI configuration, factory testing, field testing and commissioning. We also self-perform a small portion of the installation work scope. For projects with a significant amount of installation and site support, we include qualified subcontractors as part of our team. This allows us to focus our efforts on the technical areas of the project which includes the management, coordination and direction of our subcontractors.

Our current company backlog as of September 30, 2017 is \$26.5M with a plan to implement \$20.0M over the next twelve (12) months. The backlog for our Municipal (Water/Wastewater) Division is \$13.6M with a forecast for implementation of \$9.1M over the next twelve (12) months. The Municipal Division including Project Management and Engineering is staffed to handle a consistent backlog level of \$30.0M.

The projected workload for Revere's Municipal Division during the months of October 2017 to June 2018 shows forty percent (40%) availability of Project Management, Engineering and Field Service personnel. This availability percentage increases to sixty percent (60%) for the months of July to December 2018. Revere is positioned to manage and perform support services for the St Johns County SCADA System.

Assignments to our project team are based on the experience and knowledge required to implement the project while achieving efficiencies in cost and schedule management. Planning of project tasks along with assigning project personnel involve not only the Project Manager, but also our division managers including the Vice President of the Municipal Division, Director of Municipal Engineering and the Engineering Group Manager(s).

We continuously look for tasks that can be performed simultaneously in an effort to maintain or improve a project schedule. Through this effort, we augment the primary project team with personnel that can implement technical and administrative tasks to support the project milestones and expectations.

Resource planning and coordination with project schedules are part of the daily tasks and responsibilities for our Project Managers and Engineering Group Managers. A formal meeting is held every two (2) weeks where our Project Managers and Engineering Managers review the schedule for project deliverables and personnel assignments to insure the schedules are met. This meeting takes approximately one (1) hour and allows all of the division's management personnel to share in the planning and coordination of project tasks and resource assignments.

Our Engineering Group Managers assign members of their Engineering teams to project tasks in accordance with the project schedule requirements. Assignments are made based on each team member's level of experience, availability and goals for personal growth.

Based on the projected workload of the Municipal Division and our extensive experience with Instrumentation and Controls for the Water/Wastewater Industry, we are confident in our personnel's abilities to achieve the following scope of work and conditions for this project.

- Design, fabrication and testing of control panels and other related equipment
- Troubleshooting and technical assistance to maintain, repair, refurbish, replace or install instrumentation, control panels, network and computer equipment
- Programming, testing and commissioning of automation and controls
- Electrical installation including site coordination
- Design, implementation and maintenance of Supervisory Control and Data Acquisition (SCADA) servers and network infrastructure
- Minimize disruption and down time for plant process monitoring and controls



Our established project management procedures allow us to focus on the customer's expectations and requirements while managing costs, time, risks and changes. This is achieved through planning, monitoring and controlling the project activities along with providing direction and guidance to the project team members.



Response to St. Johns County, Florida RFQ No. 17-79
SCADA System Services

Submitted: 10/12/2017

Proposing firm: Star Controls, Inc.

11555 Heron Bay Blvd, Suite 200 Coral
Springs, FL 33076

Phone: 954-603-0491

Fax: 954-603-0492

www.star-controls.com

Contact: Tzvi Magril—President

954-603-0491

tmagril@star-controls.com

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Section 1: Company Qualifications

1-A Letter of introduction & Interest

Full Legal Company Name

Star Controls, Inc., FID 51-0533827
11555 Heron Bay Blvd, Suite 200,
Coral Springs, FL 33076
T: 1+954-603-0491
F: 1+954-603-0492
Email: tmagril@star-controls.com www.star-controls.com

Tzvi Magril - PRESIDENT Mobile: 954-603-0491

Ron Zetouni – VICE PRESIDENT Mobile: 561-707-7015

Diana M. Fye
Procurement Coordinator
St. Johns County Purchasing Department
500 San Sebastian View
St. Augustine, Florida 32084
Fax number: (904) 209-0163
Email: bmein@sjcfl.us

Dear Ms. Fye,

Star Controls, Inc. is an expert integrator and trusted advisor of SCADA and Telemetry equipment for Water, Wastewater, and other applications. The firm specializes in Motorola Telemetry, VTSCADA software, and advanced radio communication equipment, and has extensive knowledge in these areas.

We are pleased to present St. Johns County, Florida with our response for RFQ No. 17-79 – SCADA System Services. We trust that this document will illustrate that we are the most suitable vendor for this RFQ's requirements.

Star Controls agents have read the RFQ document, we have reviewed the drawings and bid addendums, and we are fully prepared and committed to perform the work prescribed within the anticipated time.

Sincerely,

Tzvi Magril
President
Star Controls, Inc.
Mobile: 954-603-0491
Fax: 954-603-0492
Email: tmagril@star-controls.com

Company Background

Star Controls was founded in January 2005 by global experts from the SCADA, Industrial IoT (IIoT) and Communications, bringing combined experience of more than 100 years. The company is a trusted advisor, integrator and a provider of software for real time applications. The team includes leaders with extensive experience that brings knowhow and complete understanding a customer's environment. Each of the individuals is a recognized Subject Matter Expert (SME) in his/her field. Star Controls has successfully implemented various projects nationwide and worldwide in the Water and Electric Utilities, Oil & Gas and Public Safety markets. Some of the solutions are part of the Smart City and Smart Grid initiatives.

Star Controls offers different services, from trusted advisory, design, implementation, knowledge transfer, support and managed services. Star Controls utilizes project management methods, which empower the team to deal with large projects. The company partner with large engineering firms, such as MacGregor Pusnes and Miya-Water, as part of larger solutions. This expand the company's experience to the integration with NRW (Non-Revenue Water), CRM, GIS, Security and other large complex projects.

Star Controls is certified for most of common products (software and hardware), such as Motorola Solutions, Schneider Electric and Trihedral. The team has vast experience in Cyber Security and Wide Area Networks. As the highest qualified integrator, our team members are dispatched by vendors to fix systems where others failed. The company has the privilege to access the Vendors' Product Engineering, for support as well as feedback from the field. Star Controls is qualified by the vendors to test Beta version of new products before the formal releases.

The system's longevity, ease of use and predictable performance are among our highest professional objectives. Our main success is with cost reduction combined with improving performance of existing systems, with substantial cost saving in Capital and Operational expenditure. Through our "Holistic" approach of the entire operations, we truly understand our customers' operations, and understand their real needs. Our customers position us not just as a vendor, but rather as trusted advisor and partner for long term relationships. Our relationships with our customers continue for many years, addressing on- going needs analysis, advisory and delivery through unparalleled commitment. We are very proud of our Knowledge Transfer programs, paving the road for customer's self-sufficiency. All our customers are reference-able.

Star Controls is also the creator of StaRTU, a “game changer” in the SCADA industry. The product is a result of our unique experience and knowledge. The software supports Motorola RTU based SCADA systems, from implementation through their entire life-cycle. The following features and capabilities are greatly useful for the SCADA Delivery team:

- Reduce or eliminate the need develop any software for the RTU. It’s pretty much like an operating system.
 - Use a configurator instead of the software development tools.
 - StaRTU allows the integrator and customer to add its own logic, which co-exist with StaRTU. With StaRTU, the development of additional logics takes fraction of the time it takes today.
 - User can add Inputs/Outputs (i.e. sensors or control devices) including calculated ones, at the RTU, at no-time efforts. The configurator enables triggering virtual tags by other tags.
 - Plug & Play local touchscreen display at the RTU level – no need for any programming
 - Simple integration to the SCADA software at the control center, through MODBUS or DNP3.0 protocols and automatic mapping of databases.
- Inventory Management and Software Version Control – one of the main challenges of large systems are the inventory management and the software version control. StaRTU provides all that information to the organization.
- Changes – reduce or eliminate the need for software developers to implement changes.
- Maintenance and Troubleshooting – StaRTU has built-in local events and communications loggers.
 - The loggers are very powerful for proactive maintenance (i.e. you can see degradation
 - in wireless communications before it’s stop communicating to the central)
 - The loggers enable efficient troubleshooting of communications and I/O problems. With the loggers the O&M team can easily isolate problems such as problematic antenna, unstable relay’s contact or unstable power to the site.

With decades of combined experience, Star Controls can facilitate the St. Johns County, Florida with all required products and services to realize and maintain a state-of-art system for monitoring and controlling the town’s Storm, Sanitary, and Pneumatic stations.

Our mission is to provide the most sophisticated, advanced solutions and services using the most cost-effective methods to the telecommunications public and enterprise sector. We have been able to consistently save our customers substantial amounts in capital and operational expenditures through our Holistic approach to the customer’s entire operation, and a true understanding of our customers’ real needs. We are considered by our customers not just as a vendor but as a Trusted Advisor and Partner. Our long relationships with our customers continue as we are continually addressing on-going and changing needs, and provide analysis, advisory and delivery through unparalleled commitment. We are very proud of our Knowledge Transfer programs, and believe an educated customer is our best asset.

1-B Proof of Qualifications

State of Florida Department of State

I certify from the records of this office that STAR CONTROLS, INC. is a Delaware corporation authorized to transact business in the State of Florida, qualified on January 24, 2005.

The document number of this corporation is F05000000398.

I further certify that said corporation has paid all fees due this office through December 31, 2017, that its most recent annual report/uniform business report was filed on January 12, 2017, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Third day of February, 2017*



Ken Diefmer
Secretary of State

Tracking Number: CU8274787616

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.smbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

1-C Certificates of Insurance



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
8/8/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Vermont & Associates, LLC 1200 Belcher Rd S Suite 1 Largo FL 32771 INSURED Star Controls Inc. 11555 Heron Bay Blvd Ste 200 Coral Springs FL 33076-3362		CONTACT Nancy Roberts PHONE (727) 748-2886 FAX (727) 577-4992 E-MAIL nroberts@vermont.com INSURERS AFFORDING COVERAGE INSURER A Hartford Fire Insurance Company NAIC # 19682 INSURER B Ace American Insurance Company 22667 INSURER C INSURER D INSURER E	

COVERAGES **CERTIFICATE NUMBER** CL178806081 **REVISION NUMBER**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

LINE	TYPE OF INSURANCE	ADDENDUM NO. / REV.	POLICY NUMBER	POLICY EFF. DATE (MM/DD/YYYY)	POLICY EXPI. DATE (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER ☒ POLICY ☐ PRO-JECT ☐ LOC OTHER	X	84288886797	3/25/2017	3/25/2018	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Per occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000 Encl Practices Liab Ins \$ 5,000
A	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ ALL OWNED AUTOS ☒ HIRED AUTOS ☐ SCHEDULED AUTOS ☒ NON-OWNED AUTOS		84288886797	3/25/2017	3/25/2018	COMBINED SINGLE LIMIT (Per accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	☒ UMBRELLA LIAB ☐ EXCESS LIAB ☐ OCCUR ☐ CLAIMS-MADE DED \$ RETENTION \$		84288886797	3/25/2017	3/25/2018	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/OWNER EXCLUDED? ☐ Y/N ☒ N/A If yes, describe under DESCRIPTION OF OPERATIONS below		84288886797	6/25/2017	6/25/2018	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B	Professional Liability		G25822931007	8/29/2017	8/29/2018	Occurrence \$2,000,000 AGGREGATE \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Computer Systems Intergration Services

Re: SCADA System Services

St. Johns County, a political subdivision of the State of Florida is named as additional insured on the General Liability. 30 Day Notice applies.

CERTIFICATE HOLDER

dklages@sjcfl.us

St. Johns County
 a political subdivision of the
 State of Florida
 500 San Sebastian View
 St. Augustine, FL 32084

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Sue Lockett/ROBENA

Sue Lockett

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ACORD 25 (2014/01)

IN 8825 (2014/01)

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1-D Claims, Liens, Litigation History

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: Star Controls, Inc.

Attachment "1-D"
CLAIMS, [REDACTED] LITIGATION HISTORY
(Complete and Submit)

1. Within the past 7 years, has your organization filed suit or a formal claim against a project owner (as a prime or subcontractor) or been sued by or had a formal claim filed by an owner, subcontractor or supplier resulting from a construction dispute? Yes _____ No X I yes, please attach additional sheet(s) to include:

Description of every action Captions of the Litigation or Arbitration

Amount at issue: _____ Name (s) of the attorneys representing all parties: _____

Amount actually recovered, if any: _____

Name(s) of the project owner(s)/manager(s) to include address and phone number: _____

2. List all pending litigation and or arbitration. N/A
3. List and explain all litigation and arbitration within the past seven (7) years - pending, resolved, dismissed, etc. N/A
4. Within the past 7 years, please list all Liens, including Federal, State and Local, which have been filed against your Company. List in detail the type of Lien, date, amount and current status of each Lien.
N/A
5. Have you ever abandoned a job, been terminated or had a performance/surety bond called to complete a job?
Yes _____ No X If yes, please explain why?

6. For all claims filed against your company within the past five-(5) years, have all been resolved satisfactorily with final judgment in favor of your company within 90 days of the date the judgment became final? Yes _____ No _____
If no, please explain why? N/A
7. List the status of all pending claims currently filed against your company:
N/A

Liquidated Damages

1. Has a project owner ever withheld retainage, issued liquidated damages or made a claim against any Performance and Payment Bonds? Yes _____ No X If yes, please explain in detail?

(Use additional or supplemental pages as needed)

Section 2: Qualifications of Staff and Sub-Contractors/Suppliers

2-A Company Organization Chart

The Star Controls Team is composed of individuals with highly versatile skills, where each team member has qualifications and experience to handle different project implementation and maintenance tasks. Through the Project Management methodology, the company efficiently utilizes resources without compromising quality.

The following individuals compose the core project team:

Team Member	Project Manager	Documentation And Drafting	SCADA System Engineer	Control System Comm. and Instrumentation	Electrical Sub-Contractor	Florida PE
Tzvi Magril	X	√	√	√		
Dana Musumeci	√	√				
Ron Zetouni	√		X	X		
Diego Pinto	√	√	X	√		
Charles Mondale	√	√	√	√		
James Mondale		X	√	√		
John Richmond						√
Ed Groseclose					*	

X - Area Leader

√ - Subject Matter Expert

* - Sub-Consultant or Sub-Contractor

2-B Project Team Organization Chart

Project Team Organization Chart

The Star Controls Team is composed of individuals with highly versatile skills, where each team member has qualifications and experience to handle different project implementation and maintenance tasks. Through the Project Management methodology, the company efficiently utilizes resources without compromising quality.

The following individuals compose the core project team:

Team Member	Project Manager	Documentation And Drafting	SCADA System Engineer	Control System Comm. and Instrumentation	Electrical Sub-Contractor	Florida PE
Tzvi Magril	X	√	√	√		
Dana Musumeci	√	√				
Ron Zetouni	√		X	X		
Diego Pinto	√	√	X	√		
Charles Mondale	√	√	√	√		
James Mondale		X	√	√		
John Richmond						√
Ed Groseclose					*	

X - Area Leader

√ - Subject Matter Expert

* - Sub-Consultant or Sub-Contractor

2-C Key Personnel List

In the space below, list all qualified personnel who are permanent employees of the company that may be utilized to perform the required scope of services. Attach brief but comprehensive resumes for each staff member listed below

Employee Name	Employee Title	# Teams Employed	Total # Hrs. Supervision
Tzvi Magril	President	12	20+
Ron Zetouni	Vice President	12	20+
Charles Mondale	Lead Engineer	2	20+
Diego Pinto	SCADA Programmer	3	3+
James Mondale	Engineer	1	1+
Dana Musumeci	Operation Manager	1	10+

Staff Qualifications:

Star Controls' team include individuals with vast experience in the SCADA market. The following team members compose the core team which will support the projects. Other staff members may join as needed.

Tzvi Magril – Managing Partner (Co-Founder)

Mr. Magril brings to Star Controls more than 20 years of experience in R&D, Business Development and Sales in the IT, Telecommunications and SCADA/Telemetry industries.

Prior founding Star Controls, Mr. Magril served as Director of Sales at EMC Corporation. In this role Mr. Magril led the IT Management solutions business, aims Service Providers and Enterprise markets, covering physical and virtual (cloud) environment, for both data centers and networks. Mr. Magril initiated the business in the Latin America market and turned it to a multi-million business, serving large telecommunications services providers and enterprises. Mr. Magril managed the entire regional team, including sales, pre-sales engineering and system integration team.

Prior to EMC, Mr. Magril served as VP of Sales and Channel Development at Sheer Networks, a leading company in the network management space. Mr. Magril was instrumental in the first sales for the company, and the establishment of the channel partner program, paving the road for most of the company's sales. The company was acquired by Cisco. Earlier in his career Mr. Magril served as Director of Data Solutions for Motorola, leading the SCADA, OSS and Mobile Data solutions for region. Mr. Magril holds BSc. in Electrical and Computer Engineering and hold patents in the SCADA industry.

Ron Zetouni – CTO (Co-Founder)

Mr. Zetouni brings more than 20 years of experience in SCADA business for Water/Wastewater, Oil & Gas, Electric and other disciplines, covering the SCADA and communication aspects of projects. Mr. Zetouni's experience includes design, programming, and integration with SCADA software (iFIX, InTouch, VTSCada and others). Mr. Zetouni is considered as a "Guru" in the SCADA industry, and in many cases, he's is called by customers, vendors and integrators, as the "last resort", to fix SCADA systems.

Prior founding Star Controls, Mr. Zetouni served as the SCADA principle solution architect at the South Florida Water Management District (SFWMD). In this role Mr. Zetouni led a team of programmers that developed and maintained large SCADA system for flood control and other mission critical applications. Prior to the SFWMD Mr. Zetouni worked at Motorola for 14 years, where he programmed and integrated dozens of SCADA systems in different applications (Oil & Gas, Electric and Water Utilities, and others) for customers worldwide.

Mr. Zetouni holds BSc. in Computers Science and Mathematics from University of Illinois, and MBA from Loyola University

Charles Mondale – (Telemetry and Instrumentation Expert) SCADA and Real Time Programming)

Mr. Mondale brings more than 20 years of experience in the Telemetry and Instrumentation for Water/Wastewater and Environmental Monitoring. Mr. Mondale experience and skills covers all aspects of a solution, from the sensors, the Dataloggers, Communications (i.e. with focus on Wireless networks), Power and Integrity of the system.

Prior to Star Controls Mr. Mondale has served as a team leader at the SJRWMD, leading the design, installation and maintaining the Hydrology monitoring system the SJRWMD is using to manage the water resources. Prior to that Mr. Mondale owned a technology company that provided Telemetry solutions to the South Florida Water Management District, and other state agencies. Mr. Mondale holds BSc. in Electrical Engineering.

Diego Pinto

As a SCADA Programmer, Mr. Pinto has developed his career in the Real-Time Embedded computation. Mr. Pinto is a subject matter expert in Mission Critical applications, such as Oil & gas offshore safety systems and public safety. Mr. Pinto has already gained reputation as a productive and creative professional, with attention to customer satisfaction.

Team's Skill Set

All professional staff possesses at least a four-year engineering degree from respectable Universities. The team members have successfully supported water utilities and water management agencies in the US and abroad, with consultation, implementation, education and maintenance services.

Each team member in Star Controls' implementation and support team is kept updated with skills and expertise through rigorous training program that includes the following subjects:

- Safety at Work including Safety with Electrical Equipment
- SCADA Software (VTSada, InTouch, iFix and others) development and maintenance
- RTU Hardware and software – Programming, installation, Maintenance and Trouble Shooting
- Communication Systems: RF Systems, IP Technology and Products, Installation, Maintenance and Troubleshooting.
- Project Management
- Education Services

2-D List of Proposed Sub-Contractors

Each Respondent shall provide all subcontractors or major materials suppliers proposed to perform any portion of work specified herein. Attach Brief comprehensive resumes, including all licenses/certifications held. All proposed subcontractors are subject to approval by the County.

Division of Work	Name and Address of Subcontractors
Florida PE Certification	John Richmond, High Sights, Inc PO Box 354653, Palm Coast, FL 32135
Certified Electrical Contractor	Ed Groseclose, Ed Groseclose Electric Inc 385 Krefeld St NW Palm Bay, Florida 32907

Star Controls staff performs most of the work on every project. However, whenever necessary, the firm typically uses these sub-contractors or sub-consultants:

High Sights, Inc.

P.O. Box 354653 Palm Coast, FL
32135



Florida PE Certification for John Richmond

Licensee Details

Licensee Information	
Name:	RICHMOND, JOHN ERNEST (Primary Name)
Main Address:	2 PINE CONE DR. NO. 354653 PALM COAST Florida 32135
County:	FLAGLER
License Mailing:	
LicenseLocation:	

License Information	
License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	38798
Status:	Current,Active
Licensure Date:	08/10/1987
Expires:	02/28/2019

Ed Groseclose Electric Inc
385 Krefeld St NW
Palm Bay, Florida 32907

Certified Electrical Contractor

Licensee Details

Licensee Information	
Name:	GROSECLOSE, EDWARD CLAUDIS (Primary Name) ED GROSECLOSE ELECTRIC INC (DBA Name)
Main Address:	385 KREFELD ST NW PALM BAY Florida 32907
County:	BREVARD
License Mailing:	
LicenseLocation:	
License Information	
License Type:	Certified Electrical Contractor
Rank:	Cert Electrical
License Number:	EC13002074
Status:	Current,Active
Licensure Date:	08/23/2004
Expires:	08/31/2018

Section 3 - Project Experience (Completed Past 3 Yrs.)

The Star Controls Team has a vast experience in the design and installation of many varieties of SCADA systems and products. Each customer has unique requirements and circumstances and the St. Johns County, Florida is no exception. Through our numerous previous accomplishments with and experience with many other customers, we've come to deeply understand customer's SCADA needs.

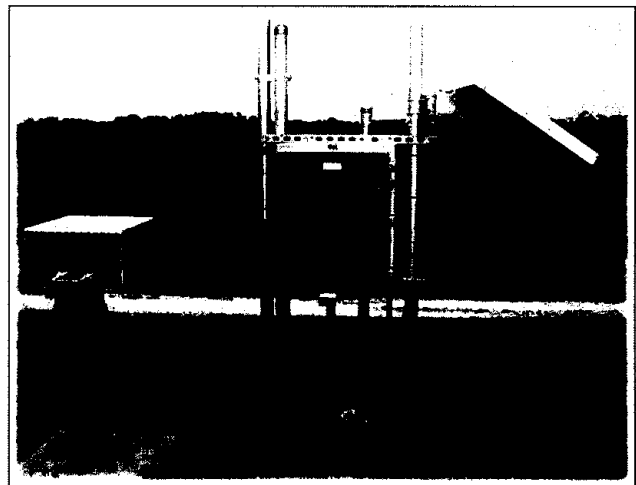
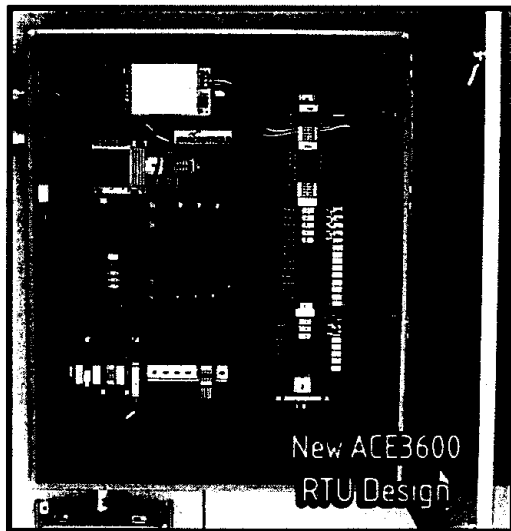
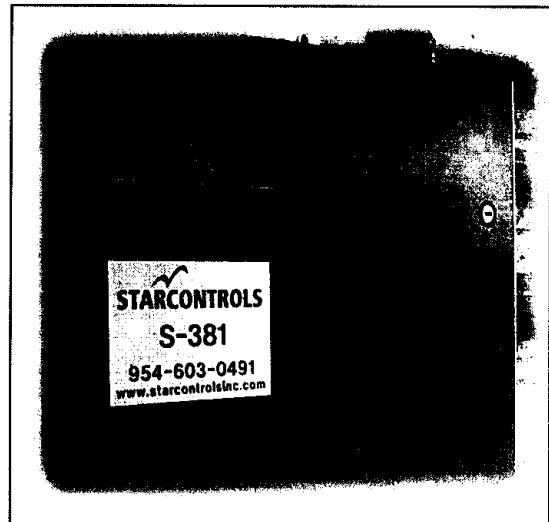
The following is a list of services Star Controls provided to past clients. These demonstrate our capabilities of supporting the requirements of this RFP

New RTUs installation Services

This core service includes RTU indoor/outdoor installations the complete installation covers all civil, mechanical, software, and electrical aspects. Full details are discussed further in this document.

RTU Retrofit / Upgrade

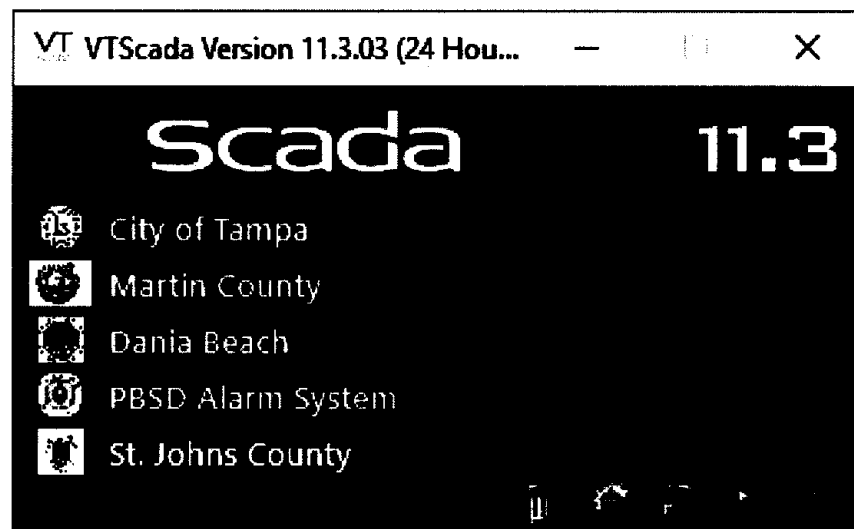
The RTU installation services are extended for Retrofit and Rebuild requirements.



We pay close attention to every part of the installation and maintenance processes to ensure long life, reliability and consistency of the system. We scrutinize every step of the project to ensure complete customer satisfaction.

Complete System Design and Integration

Our expertise in the SCADA field, with a special devotion to the Water Industry, allows us to provide complete turn-key solutions, as well as stand-alone design, studies, and software and hardware integration activities.



Instrumentation

The instrumentation process includes installation, grounding, powering, wiring, and testing of all types of analog and discrete sensors and controls.

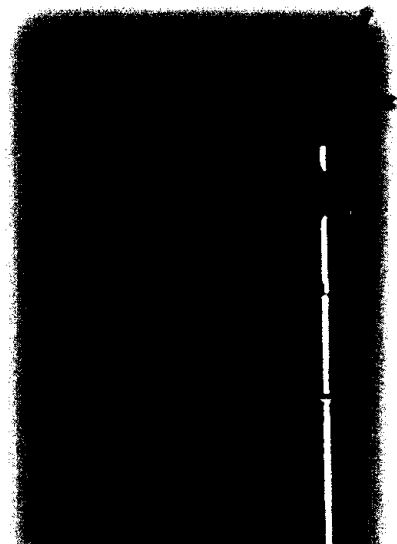
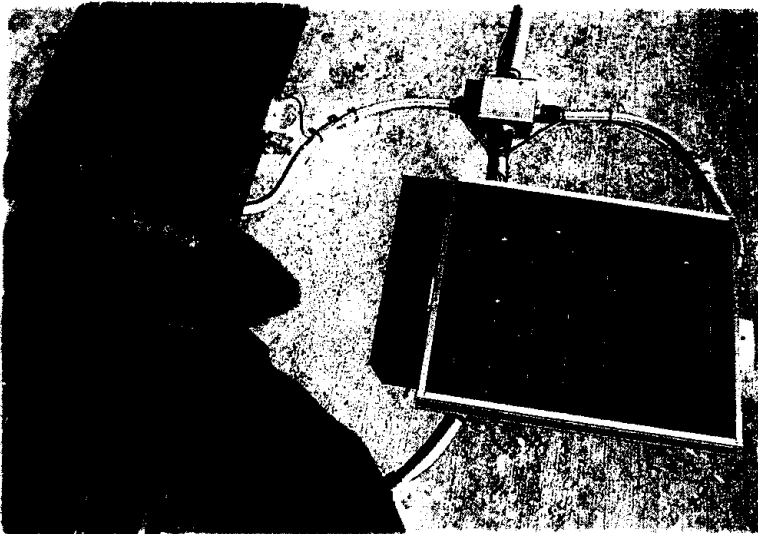
All signals going into or out of the RTU box are isolated from the field equipment via interpose relays, signal converters, and/or fuses/breakers. This allows for more consistent and spacious working environment, and adds additional protection and separation.

The instrumentation process also includes connection of "smart" programmable components such as signal converters (voltage to current), and short-range RF signals extenders allowing the RTU to connect to area sensors without the need for conduit run.

Star Controls has great experience in all instrumentation aspects and with many instruments types. Our professional staff includes electricians and electrical engineers with strong academic background and proven field experience in Instrumentation.

Power Systems and Solar Panels

Star Controls has installed and wired dozens of Solar Panels for the District and for other customers. Some Samples are shown below.



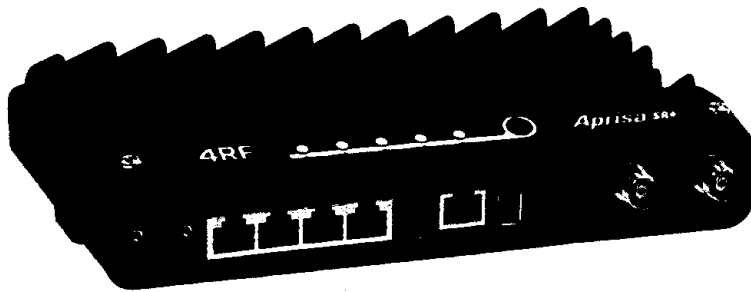
Radio and Transmission Systems

The Star Controls Team excels in this field. As former Motorola Inc. Engineers, much of the team has earned years of experience in radio and antenna systems.

Star Controls antenna / Radio installation included a careful selection of antenna design (single or dual) and placement, grounding, coax cable run and termination, and radio calibration and programming.

Star Controls uses several quality checks to ensure solid RF performance:

- Perfect Antenna alignment,
- Double Pole Fastening (as needed)
- Coax (Aerial) cable break/leak detection
- Power Output and reflected power measurements
- Optimal Radio parameters configuration
- Solid Grounding and components placement.
- RTU RF Packets test (we use toolbox software to test the quality of communications between the RTU and all the assigned local IP Gateways.



Calibration, Testing, and Validation

One of the last stages in a Site installation project is site "validation". Once all the civil, mechanical and electrical work is complete, the RTU and/or associated devices must be checked for accurate operation and measurements.

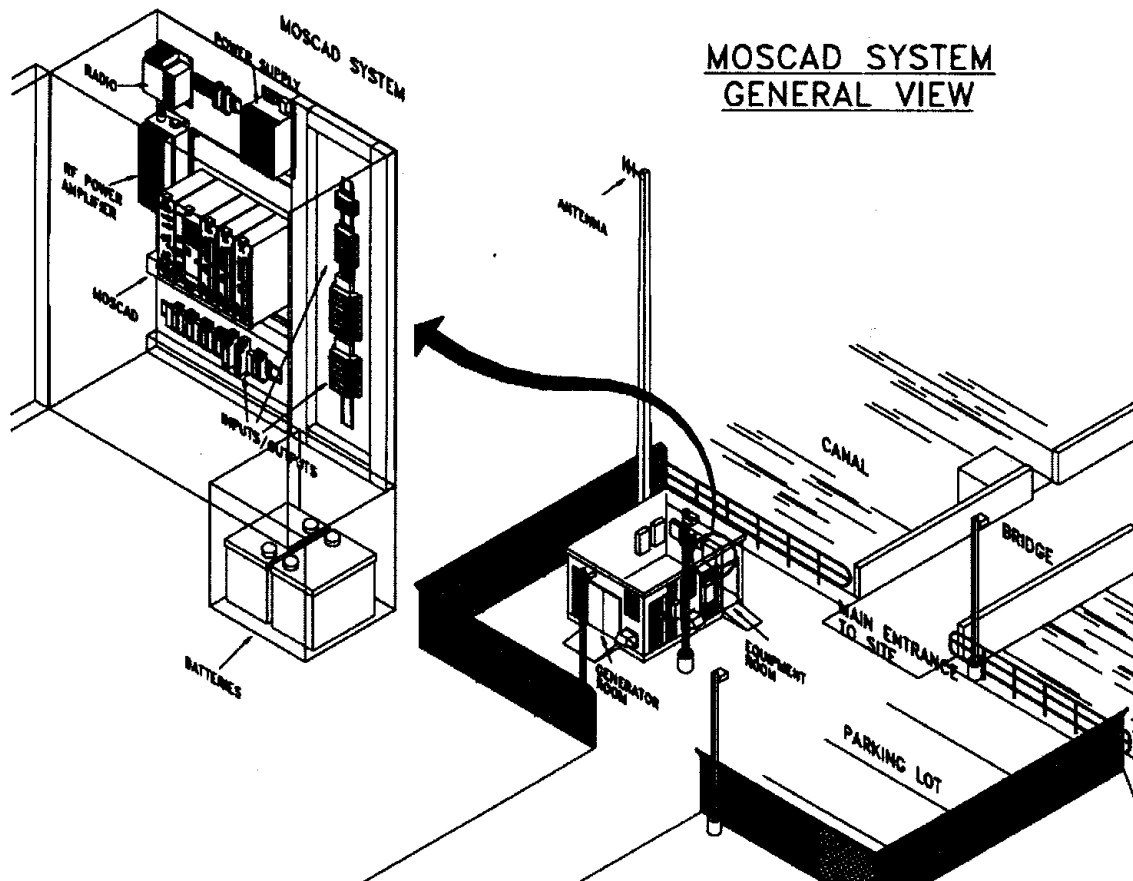
Per our customer's standards, Star Controls performed the following validation tasks for each installation:

- Analog and Discrete I/O checkout (exercising all relays and Discrete Inputs)
- RF measurements (F/R power, IPGW connectivity)
- Power measurements (current load/drain)
- Complete pictorial documentation of final installation.

Documentation / Commissioning Services

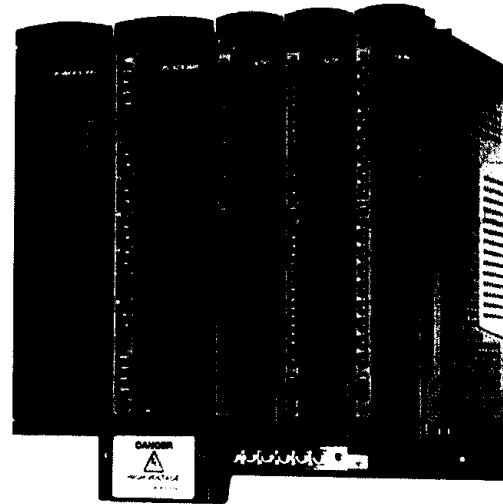
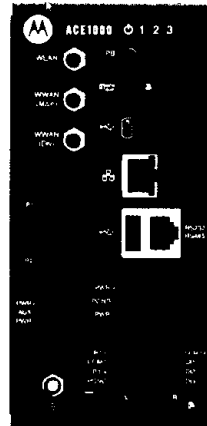
Documentation is essential for project continuity, organization, and troubleshooting. Star Controls excels in providing comprehensive, clear and concise project documentation, from itemized quote to project management charts, to 3-D AutoCAD drawings and site manuals. Our complete documentation services include:

- Complete Drawings package (as-builts, 3-D site plans, etc.)
- System / RTU Manual (for reference and maintenance)
- Project Charts (task/time chart, progress reports, etc.)
- Site Registration Worksheet (site-specific information, including calibration, inventory, and location information)



Comprehensive SCADA / RTU / SYSTEM programming

When it comes to MOTOROLA RTUs and VTSCADA software, Star Controls is the premier USA vendor for software design and programming. We are considered by both Motorola and Trihedral Engineering to be the most advanced VAR capable of handling the most complicated challenges and always offering the most reliable and robust solutions.



--- RTU Stats for the last 50 days 18:13.5 hours ---

ROW	Site/Link	Station Name	POLL	Rply	RATIO	DATA	PARM	Info	DATX	RST	MAP	Aupd	Pupd	Last	M1n	Max	Avg	Fresh
1	1249/111	Seapines2	1206	1019	84.5	1312	1	3	0	3	0	3	0	1.4	0.1	21.8	3.1	32.8
2	1308/111	Westwind	834	508	60.9	1936	1	1	0	3	0	3	0	1.4	0.5	21.1	3.6	21.7
3	1313/111	PalenciaN3	1247	441	35.4	3254	1	8	0	43	0	43	0	12.1	0.2	21.1	5.5	47.5
4	1314/ 21	PalenciaN4	36	22	61.1	18306	1	1	0	4	0	4	0	0.3	0.1	9.2	0.7	0.7
5	1316/111	Traillmark1	1256	1221	97.2	1242	1	1	0	0	0	0	0	1.5	0.1	20.9	3.1	9.0
6	1317/111	Traillmark2	1244	1087	87.4	1388	1	3	0	1	0	1	0	1.5	0.1	21.7	3.2	28.2
7	1318/111	Traillmark3	1265	1224	96.8	1237	1	2	0	1	0	1	0	2.5	0.1	21.0	3.0	8.7
8	1319/111	Traillmark4	896	842	94.0	2276	1	2	0	1	0	1	0	1.4	0.1	20.2	2.9	12.5
9	1331/111	Palencia_N5	558	405	72.6	4695	1	4	0	7	0	7	0	1.4	0.3	21.0	4.8	10.2
10	1332/111	Cascades3	1219	0	0.0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	5940.0
11	1333/111	OceanCay	166	103	62.0	10065	1	2	0	2	0	2	0	7.8	0.1	20.0	3.0	14.1
12	1334/111	LasCalinas2	1219	0	0.0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	5940.0
13	1355/111	PrsrwWildwd	861	816	94.8	2340	1	2	0	7	0	7	0	2.5	1.1	20.8	3.0	11.5
14	1336/111	Greyhawk	798	788	98.7	2503	1	3	0	2	6	2	0	1.7	0.6	19.3	2.7	0.2
15	1337/111	RtobelNorte	891	107	12.0	12572	5	12	0	242	4	242	0	3.4	0.2	20.2	6.6	120.4
16	1338/111	AvilaPalenci	1229	1037	84.4	1395	5	8	0	2	0	2	0	1.5	0.2	21.7	3.6	25.2
17	1339/111	wndwrdrnch	349	284	81.4	14450	2	4	0	3	0	3	0	1.5	1.0	16.4	2.2	15.4
18	1340/111	Costadelsol	826	658	79.7	3709	4	9	0	5	0	5	0	6.2	0.1	19.6	3.4	13.2
19	1341/111	DrfldPrsrve	196	176	89.8	7854	1	2	0	1	0	1	0	1.6	1.0	17.8	3.9	1.1
20	1342/111	PalenciaLots	1218	0	0.0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	5940.0
21	1343/111	Arbormills	455	357	78.5	14915	4	5	0	1	0	1	0	1.5	0.1	21.7	4.6	38.9
22	1344/111	Andalusia	645	610	94.6	3835	1	4	0	3	0	3	0	2.6	0.9	17.0	2.8	12.7
23	1345/111	Crecentkey	617	573	92.9	3268	1	5	0	5	6	5	0	1.5	0.4	20.4	3.6	37.0
24	1346/111	Southaven	797	640	80.3	3801	3	5	0	2	0	2	0	3.9	0.1	17.7	2.9	38.0
25	1347/ 21	SilverCreek	1233	1207	97.9	1311	1	3	0	4	28	4	0	1.3	0.1	10.9	0.3	7.5
26	1348/111	PrsrwPalmvly	1219	2	0.2	2	1	1	0	1	0	1	0	4.3	4.3	15.3	9.8	5940.0
27	1349/111	Antolin	1218	0	0.0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	5940.0
28	1350/111	TreatyOaks	933	855	91.6	2570	4	4	0	4	0	4	0	1.4	0.1	31.1	3.2	15.8
29	1351/111	GranLakes	1219	0	0.0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	5940.0
30	19/ 21	Riverside	46	40	87.0	61258	1	8	0	5	0	5	0	0.9	0.1	11.3	0.5	0.5
31	1352/ 21	MoultrieLexing	1220	1217	99.8	1289	1	1	0	1	0	1	0	0.4	0.1	10.7	0.3	6.1
32	1130/111	Bealls	0	0	0.0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	6553.5
33	1132/111	CommerceDR	0	0	0.0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	6553.5
34	1228/111	SevernMileDR	0	0	0.0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	6553.5
35	1230/111	TPC_5	0	0	0.0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	6553.5
36	1284/111	Governors	0	0	0.0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	6553.5
37	1290/111	Seaside	0	0	0.0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	6553.5

3-A References

The following reference listing provides more than the minimum required five (3) client references, and these demonstrate we have executed similar services to those outlined in this request for qualifications within the last 3 years.

We are providing five (5) solid references showcasing our products and services. Each description of the projects demonstrates how we interacted with municipal clients and private entities; as well as shows how Star Controls provides and exchanges information relative to the requirements. We trust that these references provide critical information regarding our recent related work experience, including the type of services performed, location and estimated construction costs (or project costs where applicable) of recent projects. In addition to that information, Star Controls also exhibits permitting/agency coordination experience.

At Star Controls, we address every customer as a **Partner**. Our philosophy is that each customer is unique, and therefore should be treated as such. We first understand each customer's needs and goals, and address them through technology and experience.

Here are some of our **Florida** customers:

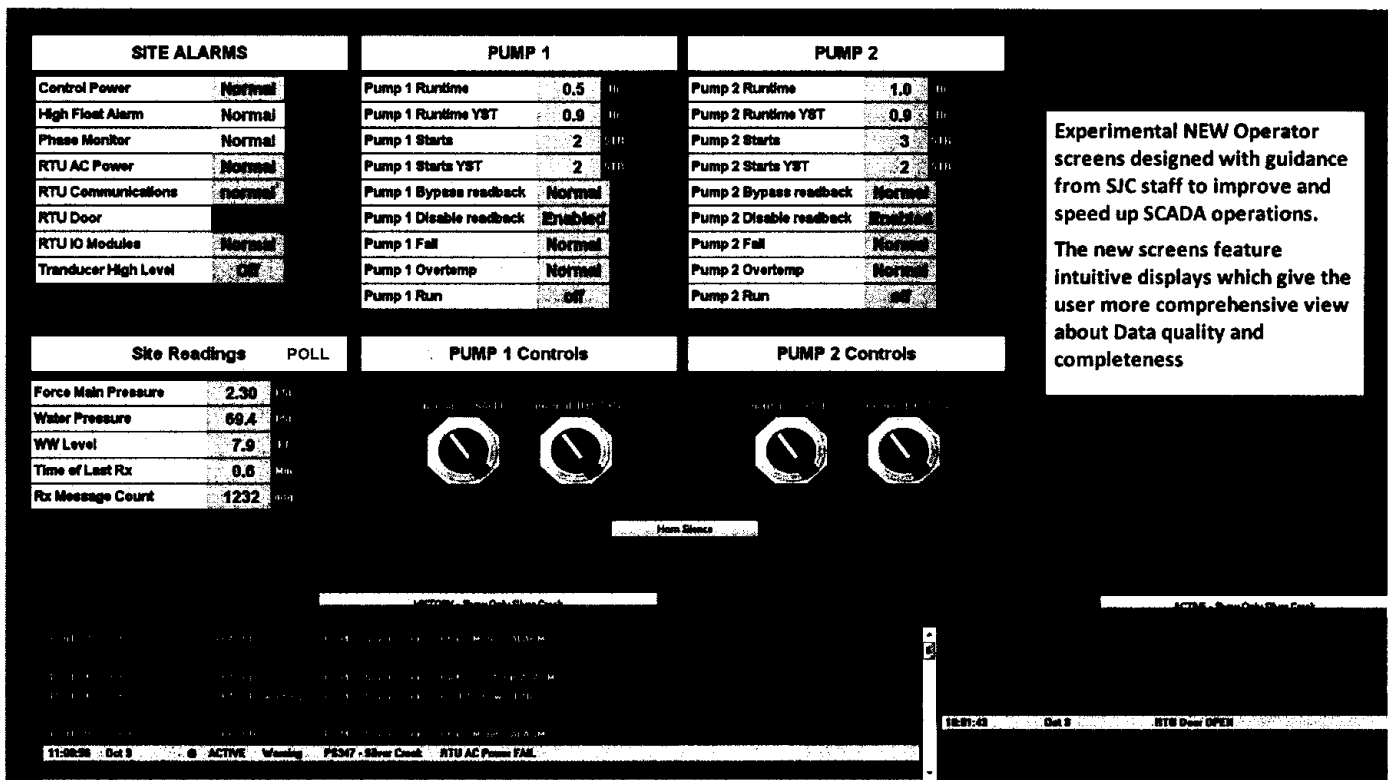
- City of Coconut Creek
- City of Deerfield Beach
- City of Orlando
- City of Plantation Acres
- City of Tampa
- City of West Palm Beach
- Martin County
- Orange County
- Pinellas County
- Seminole County
- St Johns County
- SF Water Management District
- SJR Water Management District

Reference #1

Name: St. Johns County Utilities
Project Description: Assorted Engineering / SCADA / software / hardware services
Contact Person: Rick Nelson, SCADA Manager, SJC Utilities
Phone/Email address: (904)209-2740 (904)394-3541/ rnelson@sjcfl.us
Dollar Value of Project: \$200K+
Project period: Ongoing, last 3 years

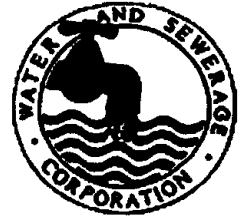
Star Controls have provided the county with many SCADA related services over the last 3 years, including:

- FIU rack replacement and software upgrade
- Development and installation of advanced custom Communication loggers to show radio traffic
- Upgrade of multiple MOSCAD RTU to ACE3600 RTUs including very large (hundreds of I/Os) RTUs
- Development of advanced PLC and SCADA logic
- Various Radio adaptation projects
- Assorted software projects



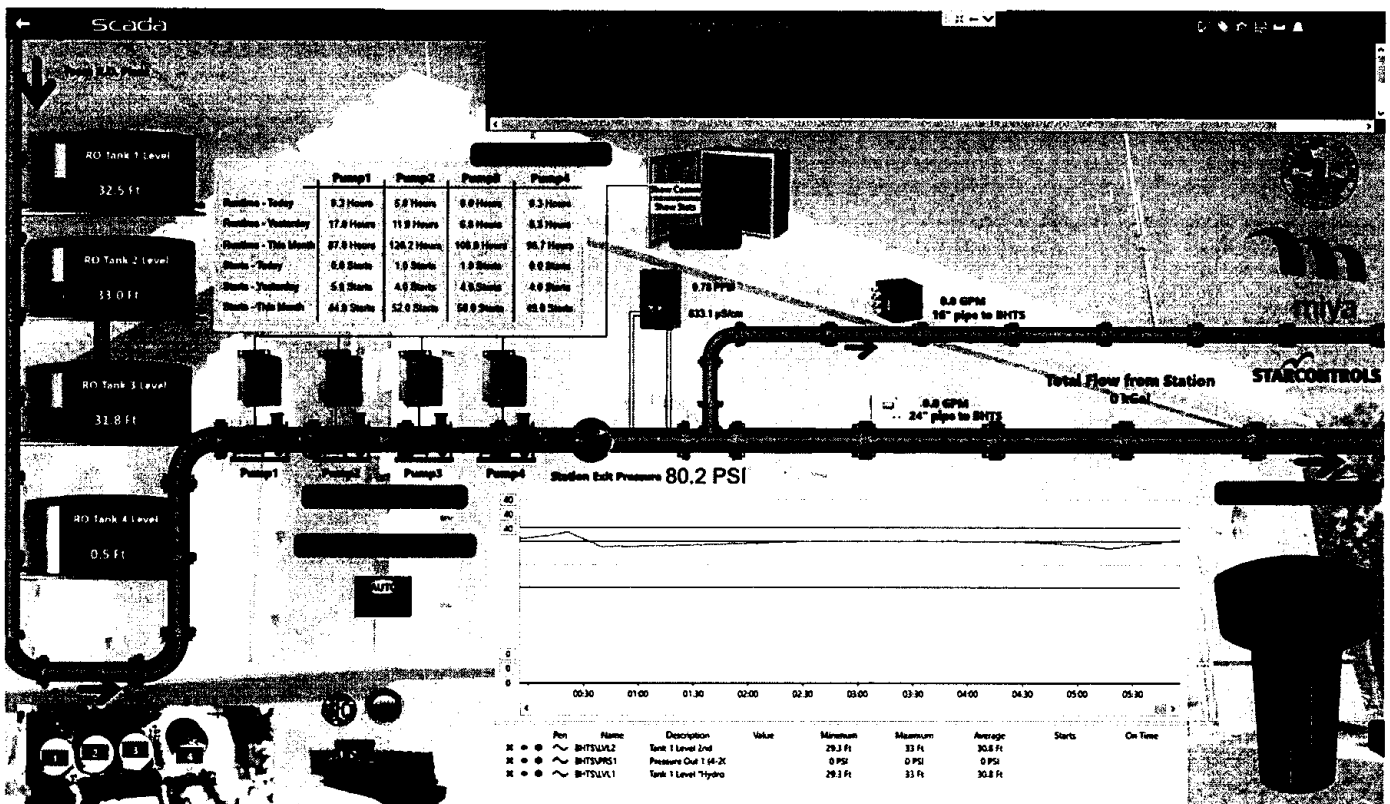
Reference #2

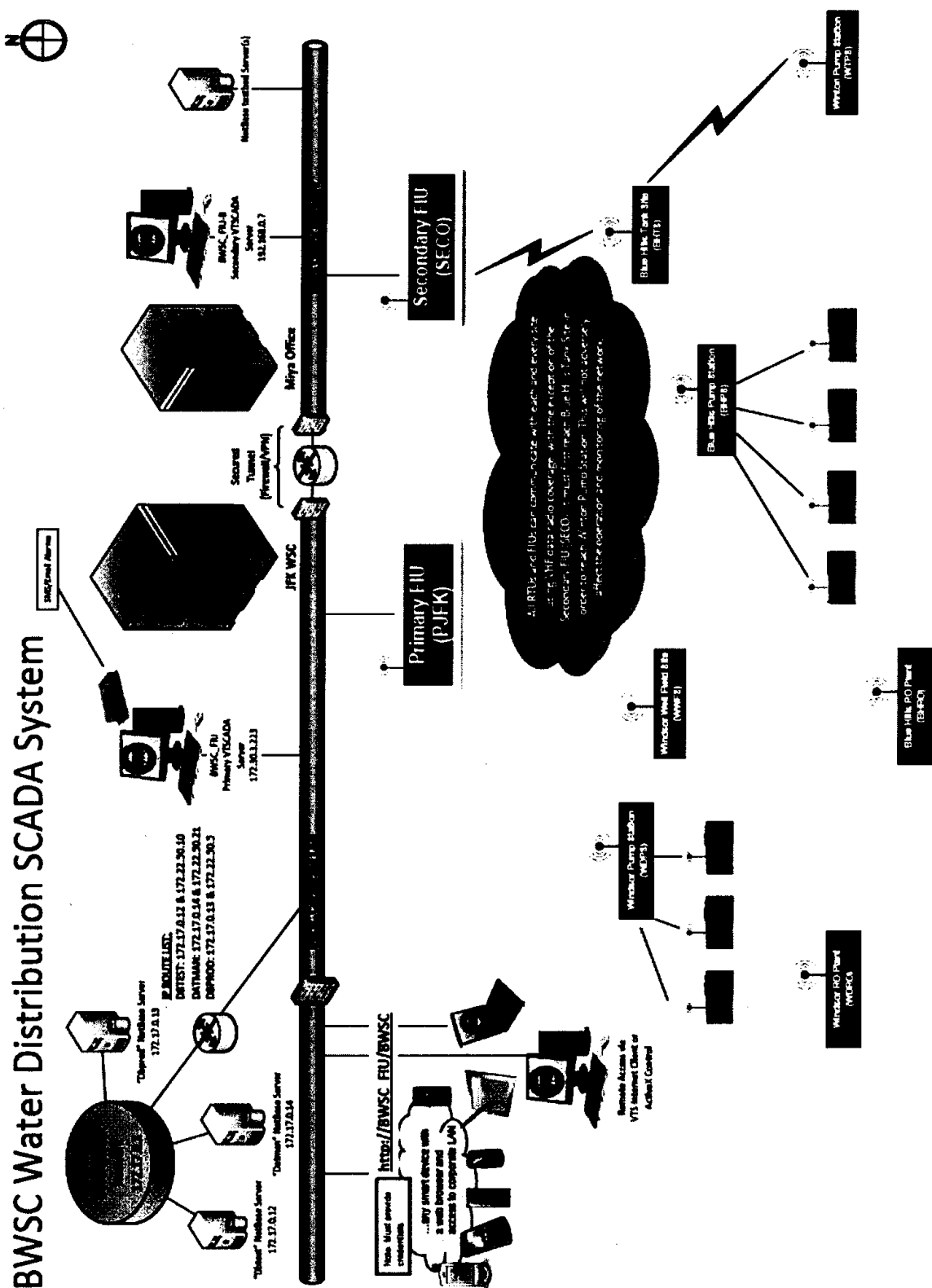
Name: **Bahamas Water and Sewerage Corporation**
 Project Description: **Sewerage Services, Electrical and Mechanical Maintenance**
 Contact Person: **Gregory R. Stubbs, Senior Engineer,**
 Phone/Email address: **242-341-2881, wgregory@wsc.com.bs**
 Dollar Value of Project: **\$400K**
 Project period: **Phase I Feb 2011 to July 2012**
Phase II – 2015 – present

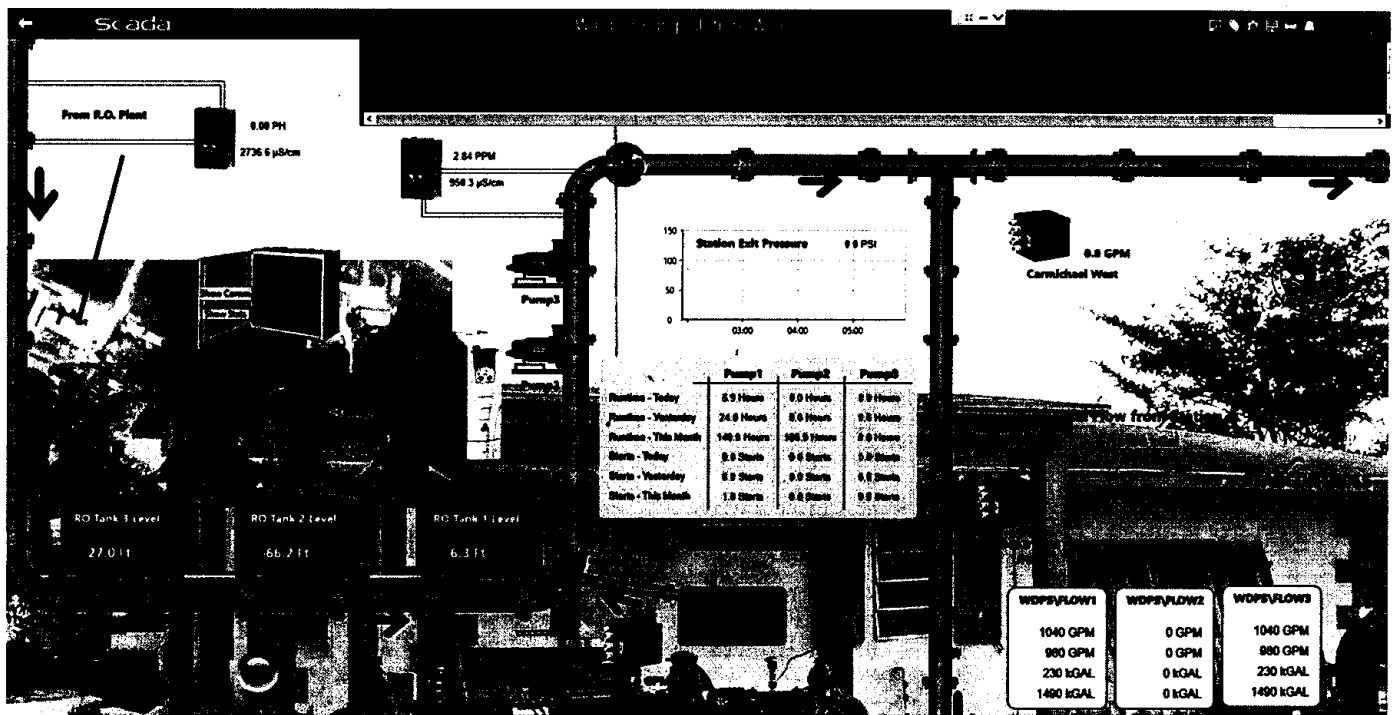


Star Controls has completed a comprehensive SCADA project for this customer. It includes a complete SCADA system for the island water system (several booster stations, water tanks, and other equipment). The project includes redundant VTSCADA servers, Motorola RTUs, and Motorola radios.

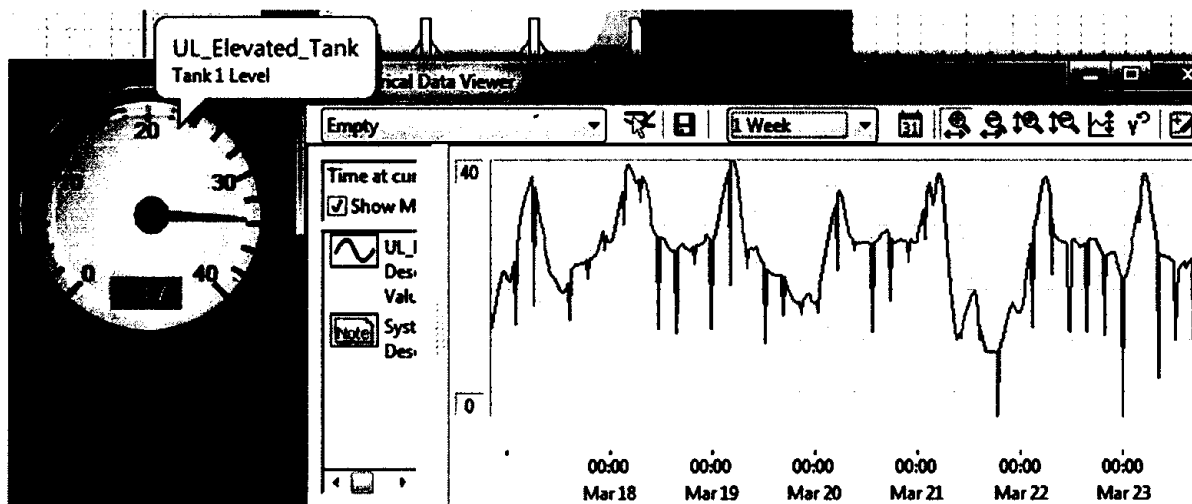
Star controls has recently expanded the system to includes monitoring the fresh water distribution system for leaks and helping with gauging of Non-Revenue Water. Star Controls has interfaced with various field instrumentation, such as pressure and level sensors, flow meters, generators, automatic transfer switches, smart pump control devices such as VFDs and soft starters, and others.







Screenshot from VTSCADA



Screenshot from VTSCADA

Reference #3



Name: City of Orlando Utilities
Project Description: Multiple SCADA services include new RTUs, programming design and help, And Radio / cellular design and programming
Contact Person: David Riggins
Phone # & Email address: 321.765.8021 ext. 5103, David.Riggins@CityofOrlando.net
Dollar Value of Project: > \$100K
Project period: 2012 - Present

Star Controls has worked with the City of Orlando since 2011. We have worked together extensively on Motorola RTU and SCADA projects involving new RTU designs with ACE3600 and Cellular radios.

Our services and accomplishment include:

New ACE3600 software design using the STARTU software
 Training and Knowledge transfer
 Commissioning of new RTUs
 Radio and communication analysis
 SCADA interfacing design help.

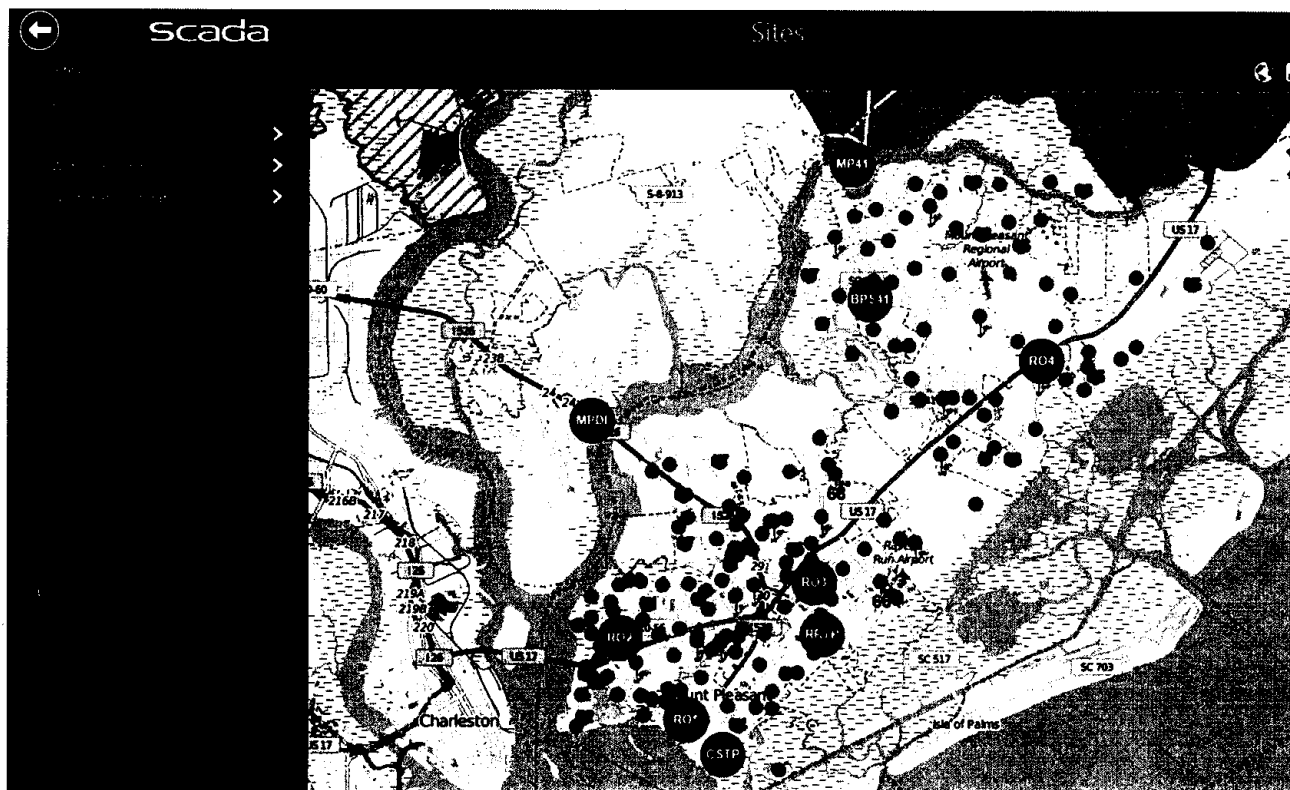
Bad Actors		Alarm Flood	History	Distribution of Priorities		
	Area	Name	Description	Count	Percent	
1	 TF729	TF\ Pump2\Start Fault	Pump 2 Start Fault	559	6.5 %	
2	 MD537	MD\ Pump2\Start Fault	Pump 2 Start Fault	506	5.9 %	
3	 MD514	MD\ Pump1\Start Fault	Pump 1 Start Fault	393	4.6 %	
4	 PS148	PS\ Pump2\Start Fault	Pump 2 Start Fault	321	3.8 %	
5	 PS188	PS\ Pump1\Start Fault	Pump 1 Start Fault	306	3.6 %	
6	 MD568	MD\ Pump2\Start Fault	Pump 2 Start Fault	274	3.2 %	
7	 Seagate	Vacuum\ VP1\VP1_FTR	VACUUM PUMP 1 FAIL TO RUI	201	2.3 %	
8	 PS123	PS\ Pump2\Start Fault	Pump 2 Start Fault	165	1.9 %	
9	 PS211	PS\ Pump1\Seal Fail	Pump 1 Seal Fail	138	1.6 %	
10	 North River Shores	Vacuum\ NRS_ETM3	All Vacuum Pumps Running	120	1.4 %	
11	 PS187	PS\ Pump1\Start Fault	Pump 1 Start Fault	98	1.1 %	
12	 IQ-CopperLeaf	IQ\ RTU\ValveLOCAL	Valve in Local	87	1.0 %	
13	 Seagate	.\SEW_HIGH_LKT	SEWAGE TANK HIGH LEVEL LO	65	0.8 %	
14	 Seagate	Vacuum\ VALM_ACK_PB	ALARM ACKNOWLEDGE PUSH	63	0.7 %	
15	 Seagate	Vacuum\ SEW_HIGH	SEWAGE TANK HIGH LEVEL AL	63	0.7 %	
16	 Seagate	Vacuum\ LOW_VAC	LOW VACUUM ALARM	63	0.7 %	
17	 TF718	TF\ Pump2\Seal Fail	Pump 2 Seal Fail	56	0.7 %	
18	 IQLM-MarinerSands1	LM\ RTU\Restart	RTU Restart	51	0.6 %	
19	 Seagate	Vacuum\ SPALL_RUN	ALL SP'S RUNNING	43	0.5 %	
20	 HI430	HI\ Pump2\Start Fault	Pump 2 Start Fault	41	0.5 %	

Reference #4



Name: Mount Pleasant Waterworks
 Project Description: **Complete 155 ACE3600 RTU system and VTSCADA**
 Contact Person: Eddie Pineda, Supervisor
 Phone # & Email address: Direct: (843) 375-5470, eddiepineda@mpwonline.com
 Dollar Value of Project: \$450K
 Project period: 2014 - Present

Star Controls has completely engineered and designed a large system based on VTSCADA and Motorola ACE3600 RTUs with cellular radios for the city of Mount Pleasant, SC



Reference #5

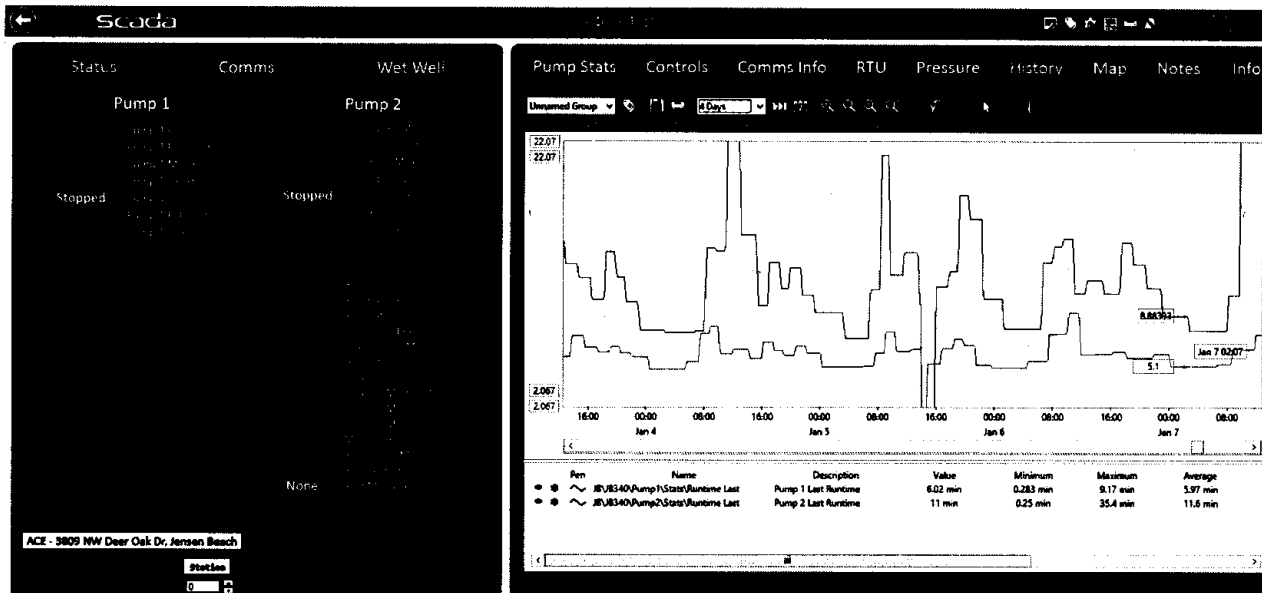
Name: Pinellas County Utilities
 Project Description: Multiple Projects including
 RTU replacements
 New RTU programming
 Massive replacement of all communication radios
 DNP3 protocol project



Contact Person: Michael Skrzypek
 SCADA & Security Systems Manager
 Pinellas County Utilities Department
 1620 Ridge Road, Largo, FL 33778
 Phone # & Email address: 727 582-2320, mskrzypek@pinellascounty.org

Dollar Value of Project: > \$450K
 Project period: 2014 – Present

Star Controls has worked with the county for several years on multiple projects – large and small. The most recent project included upgrade of ALL 317 Motorola RTUs software and communication. The project was done in record time of 8 months.



Trihedral Advanced Integrator

Star Controls is an Advanced Certified Integrator, which not only supports customers, but also helps Trihedral with the integration to the Motorola RTU. Star Controls supported Trihedral with the development of the Motorola IP Gateway Driver. Our status as a recognized Advanced Integrator is documented on the following page.



Motorola VAR for the State of Florida



Fixed Data Systems

Date: February 3rd, 2017

To: Whom it may concern

Subject: Value Added Reseller Channel

This memo is to confirm the current status of Star Controls as a valued member of our VAR (Value-Added Reseller) program for our Motorola Solutions Fixed Data Products including Motorola's current ACE3600 product line and previously available MOSCAD and MOSCAD-L product lines. Star Controls is an authorized Value Added Reseller in the State of Florida.

We appreciate Star Controls as a valued asset to Motorola Solutions and look forward to continuing our relationship for many more years into the future.

If you have any questions please contact me directly at 312-614-4553.

Respectfully submitted,

Kreg Christoff
Vice President and Director

Section 4 - Project Approach (Narrative)

Knowing Our Customers

Star Controls offers a comprehensive portfolio of implementation products and services that meet diverse needs and budgets. We recognize that each customer is unique, and we tailor our services and products to the customer's specific needs.

Star Controls has a proven track record of versatility and has exhibited an ability to construct and maintain any kind of RTU/PLC, SCADA Software, and IT and Telecommunication infrastructures. St. Johns County, Florida can rest assured that all scopes of services covered in the RFP can be handled by our team, as can be demonstrated through our past projects.

The company's philosophy is simple – developing long-term relationships with our customers. Our team members have already demonstrated unparalleled commitment to their customers in different stages of their careers. The company believes in building integrity and long-term commitments, while retaining customer loyalty.

Understanding the Importance of Water Management

We understand the importance of water management in general, and especially in coastal Florida. We are residents who care deeply about our communities, neighborhoods, and environment. We are highly aware the systems we engineer, and design must perform reliably always – especially during emergencies and under duress. Our entire approach and methodology are underlined by this understanding.

Approach and Methodology

As experienced professionals in the SCADA and instrumentation business, we have tried to compile into our strategy and day to day operations the best methods and rationales for completing successful projects and maintaining satisfied customers.

Star Controls' total offering includes System Integration (SI) and Professional Services (PS) for managing the implementation and maintenance efforts for any system size. The company utilizes most modern Project Management and quality methodologies and technologies, to guarantee on- time completion while complying, and in many cases exceeding, system's specifications. The Star Controls approach to SI utilizes a team of specialists, experienced in the integration of Star Controls and non-Star Controls components into an overall turnkey system solution.

The professional services team is composed of a Project Manager and the required support members. To directly support the project, Star Controls assigns Design/System Engineers, Application/Software Engineers, Field/Instrumentation Engineers and Account Managers. For the duration of the project, these resources will be available to support the Project Manager from system design through final system acceptance. In addition, Star Controls' professional services group provides on-going support of the system design, installation, optimization, testing and training.

We use best-in-class design and implementation practices, putting great efforts in all aspects of the project – project management, Planning, execution, coordination, certification, documentation, and training.

Project Management

We assign a dedicated project manager (PM) to each project. This individual serves as a focal point for interaction with the customer's staff to ensure prompt and proper coordination.

Planning

Prior to any implementation tasks initiation, we carefully plan and coordinate the project schedules, tasks, and contingencies with the customer's project manager. We use provide Gantt Charts and other aides to assist in this task.

Execution

During implementation and execution, we perform daily audits and quality checks of the work in progress. The PM submits a complete work log to the senior staff for review and monitoring. If any alterations of modifications are required, they are handled in a timely manner with minimal work stoppage and wasted efforts.

Coordination

ALL activities requiring the customer's involvement are properly coordinated via the PM with the customer's PM (or assigned contact person).

Certification

A project is deemed completed only when it has successfully passed the System Acceptance Plan (SAT) – a script of tests and inspections to ensure and confirm deliverable completion.

Documentation / Training

Proper documentation is key for orderly records keeping, revision control, and reference. A complete set of records referencing all communications, plans, administrative, and technical endeavors is compiled and officially handed to St. Johns County, Florida project manager.

Field and Application / Software Engineering Process

Star Controls supplies appropriate engineering support during all phases of system design and installation, from needs analysis through implementation, to final system acceptance. Star Controls' engineers translate the customer's requirements into a customized system that meets the customer's needs, and is in accordance with the technical specifications requested. We select the best combination of products and services for the job and ensure functional and operational compatibility.

The Application/Software Engineering team consists of a Lead Project Engineer who is responsible for the technical integrity of the entire network and for ensuring that the system, as designed and installed/optimized, meets the detailed functional requirements. The Lead Project Engineer possesses years of experience in system implementations.

Application/Software/Field engineers are responsible for the configuration, performance, optimization and proof of performance of the overall system. Project/Field Engineers are also responsible for the detailed design, analysis, specification and performance of the electronic and electrical systems and software.

StarAssured - Warranty and Maintenance Program

Star Controls complies with the warranty requirements for this project. Star Controls offers a comprehensive portfolio of maintenance products and services that meet different needs and budgets. In addition, recognizing that each customer is unique, we can tailor services and products to specific needs.

As Star Controls installs, maintains, improves and expands the town's Automation system, we also offer a variety of maintenance programs to increase availability and extend the Life Cycle of this system:

StarAssured is the company's suite of maintenance services. The suite includes:

Annual support – 8x5, 24x7, or on-site

On-Demand (Emergency), On-site and Tailored Programs

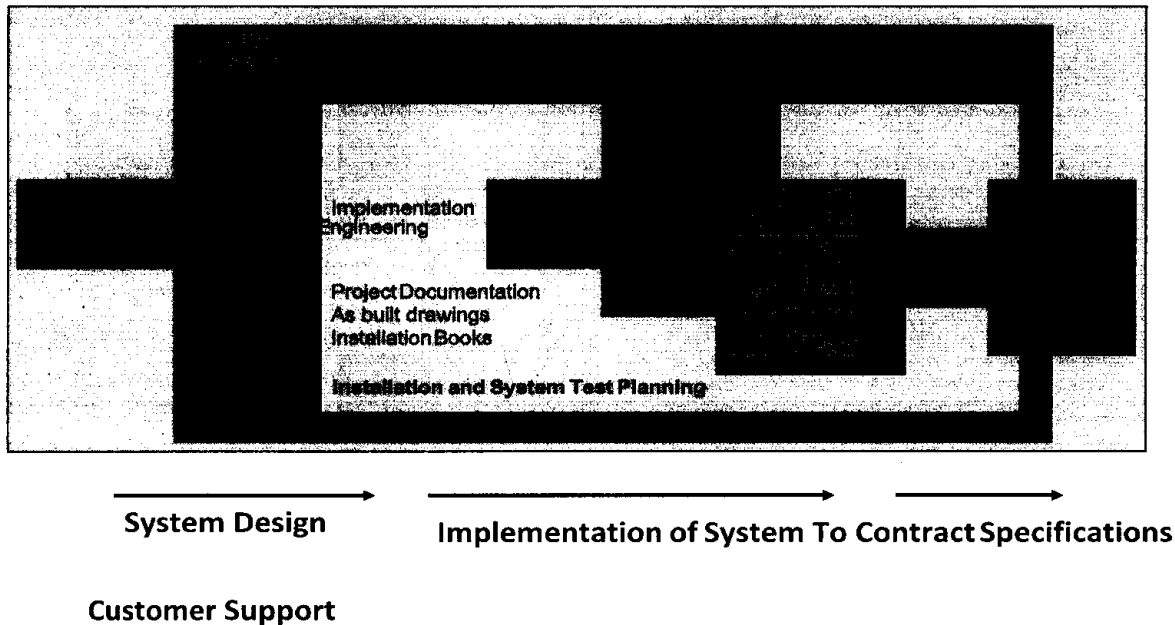
Preventive Maintenance

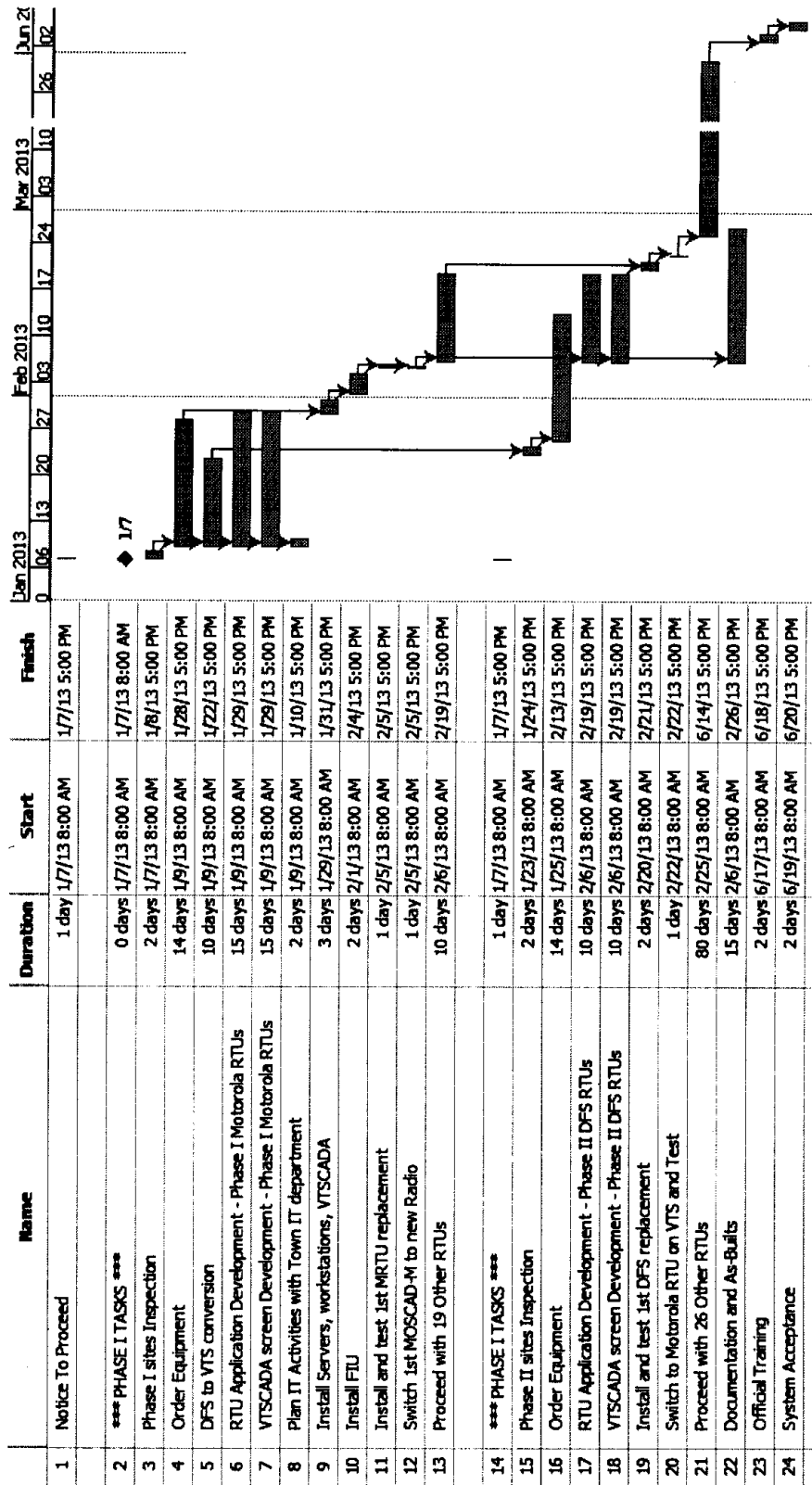
Section 5 - Quality & Schedule Control (Narrative)

Quality control is perhaps arguably the most crucial factor for ensuring long lasting, reliable operation. Star Controls employs a stringent quality-control program. The quality control program includes a team design review, double inspection (Engineer and PM) of all installation and implementation items, a quality control checklist, Calibration / SAT results and reports, and much more.

Process Flow Diagrams

The two sample diagrams shown on the next page illustrate respectively all the tasks typically involved in the system integration process, and a graphical work schedule – one of the tools used by Star Controls for project task/time management.





Site Inspection:

Star Controls will visit all sites, take measurements and inventory, and start with the retrofit design, and ordering of new equipment.

Planning:

During this phase, our PM immediately produces and provides the district's PM with work breakdown (Task/Time) lists including project completion schedule (Gantt Charts), milestones lists, preliminary documentation, and weekly update reports

Execution:

The project implementation phase is conducted in an efficient, supervised manner with our PM on-site during all project implementation milestones. The RTU/Device and associated equipment and apparatuses are removed/installed/retrofit precisely per the SOW and St. Johns County, Florida standards, with appropriate mechanical and electrical considerations. All software components are configured, calibrated, and tested.

Site Acceptance Plan:

Star Controls staff develop, and the town's agent approves a complete Site Acceptance Plan (SAT) to be conducted jointly by the Star Control's Engineer and the town representative. During the Site Acceptance Plan all installation items are inspected for proper installation and operation. All data items (values, statuses) are checked for proper calibration and reporting to the new SCADA system. This process guarantees the St. Johns County, Florida is accepting a properly installed, fully operational site.

Final Deliverables

In addition to the previous work items and deliverables, Star Controls delivers a final set of documents to establish proper project completion:

- Project Summary and digital photographs.
- Communication logbook (project-related communications with various staff).
- Completed and signed SAT, and Quality Control checklist
- Complete set of updated drawings.
- Complete Equipment Inventory (with asset items and serial numbers).
- Manuals and warranty documents for all items (as available).

Section 6 - Project Status Report (Projects in Progress)

1. Name of Project: City of Tampa
 Project Description: SCADA Upgrade and New Motorola RTUs programming
 Location: 306 E. Jackson Street, 2E, Tampa, Florida 33602
 Owner Name: John Hastings
 Public Sector (Yes or No): Yes
 Private Sector (Yes or No): No
 Start Date/Anticipated Start Date: June 2,2017
 Scheduled Completion Date: June 2018

2. Name of Project: NWC
 Project Description: City wide SCADA for pump stations
 New SCADA system for the fresh water supply,
 including VTSCADA, Motorola RTUs,
 Cellular Communications, and integration with NRW application.
 Location: Jamaica
 Owner Name: Sophie Kanelllopoulou
 Public Sector (Yes or No): Yes
 Private Sector (Yes or No): No
 Start Date/Anticipated Start Date: February 1, 2017
 Scheduled Completion Date: February 28, 2018

3. Name of Project: Pinellas County
 Project Description: Finalize Migration of Cellular Project / Lift stations project
 for TLC Diversified
 Location: Pinellas County FL
 Owner Name: Michael Skrzypek
 Public Sector (Yes or No): Yes
 Private Sector (Yes or No): No
 Start Date/Anticipated Start Date: June 1, 2016
 Scheduled Completion Date: November 2017

4. Name of Project: St. Johns County, FL
 Project Description: Complete migration of the 4RF data radios
 Finalizing startups of 32 lift stations
 Panel Fabrication of 10 additional panels.

 Location: St Johns County FL
 Owner Name: James Galley and Rick Nelson
 Public Sector (Yes or No): Yes
 Private Sector (Yes or No): No
 Start Date/Anticipated Start Date: March 1, 2017
 Scheduled Completion Date: November 31, 2017

**CERTIFICATION FOR
RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES**

The Undersigned submits this Qualifications Package to be considered as a Qualified Consultant for the SCADA System Services.

A copy of the license(s) under which our firm is engaged in the business of contracting in the state of Florida is attached. This license was issued in accordance with provisions of Section 489.113, Florida Statutes, and is currently valid and in force.

It is further understood that qualifications, if given, shall be valid for the purpose of submitting rates for the above referenced continuing services contract, unless suspended or terminated by St. Johns County.

The Undersigned authorizes and requests any public official, engineer, architect, Surety Company, bank depository, material or equipment manufacture or distributor or any person, firm or corporation to furnish all information requested by St. Johns County, to verify statements given with this Qualifications Package.

The Undersigned further authorizes the St. Johns County, FL designee to disclose, without any liability whatsoever, any and all information contained in the qualifications package.

The Undersigned has not been disqualified by any public agency in Florida except as indicated below. (If none, insert: "N/A")

Star Controls, Inc

(Full Legal Company Name)

This 10 day of October, 20 17

Attest:

By: TEVI MACRIL, PRESIDENT
Name and Title of Officer

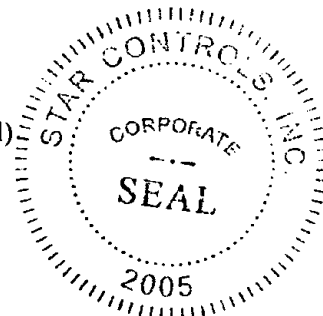
APPROVED:

By: Dana Nusumeci
Name and Title of Authorized Officer

As Notarized

By: Diana Marquez


(Corporate Seal)



RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

AFFIDAVIT OF SOLVENCY

STATE OF Florida)

COUNTY OF Broward)

PERTAINING TO THE SOLVENCY OF {Star Controls, Inc.}, being of lawful age and being duly sworn I, {Tzvi Magril}, as {President} (ex.CEO, officer, president, duly authorized representative, etc.) hereby certify under penalty of perjury that:

1. I have reviewed and am familiar with the financial status of above stated entity.
2. The above stated entity possesses adequate capital in relation to its business operations or any contemplated or undertaken transaction to timely pay its debts and liabilities (including, but not limited to, unliquidated liabilities, un-matured liabilities and contingent liabilities) as they become absolute and due.
3. The above stated entity has not, nor intends to, incur any debts and/or liabilities beyond its ability to timely pay such debts and/or liabilities as they become due.
4. I fully understand that failure to make truthful and complete disclosure of any fact or item of information contained herein may result in disqualification or termination for cause by the County of any contract for the services provided pursuant to above referenced RFQ and/or other action(s) authorized by law.

The undersigned has executed this Affidavit of Solvency, in his/her capacity as a duly authorized representative of the above stated entity, and not individually, as of this 10 day of October, 20 17.



Signature of Affiant

STATE OF Florida)

COUNTY OF Broward)

✓ Subscribed and sworn to before me this 10 day of October, 2017 17 by Tzvi Magril
who personally appeared before me at the time of notarization, and who is personally known to me or who has produced _____ as identification



Notary Public

My commission expires:

Jan. 4, 2019



RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

AFFIDAVIT OF SOLVENCY

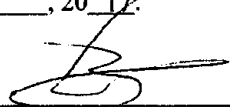
STATE OF Florida)

COUNTY OF Broward)

PERTAINING TO THE SOLVENCY OF { Star Controls, Inc. }, being of lawful age and being duly sworn I, { Tzvi Magril }, as { President } (ex.CEO, officer, president, duly authorized representative, etc.) hereby certify under penalty of perjury that:

1. I have reviewed and am familiar with the financial status of above stated entity.
2. The above stated entity possesses adequate capital in relation to its business operations or any contemplated or undertaken transaction to timely pay its debts and liabilities (including, but not limited to, unliquidated liabilities, un-matured liabilities and contingent liabilities) as they become absolute and due.
3. The above stated entity has not, nor intends to, incur any debts and/or liabilities beyond its ability to timely pay such debts and/or liabilities as they become due.
4. I fully understand that failure to make truthful and complete disclosure of any fact or item of information contained herein may result in disqualification or termination for cause by the County of any contract for the services provided pursuant to above referenced RFQ and/or other action(s) authorized by law.

The undersigned has executed this Affidavit of Solvency, in his/her capacity as a duly authorized representative of the above stated entity, and not individually, as of this 10 day of October, 20 17.

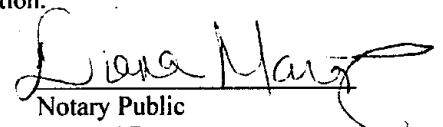


Signature of Affiant

STATE OF Florida)

COUNTY OF Broward)

Subscribed and sworn to before me this 10 day of October, 2017 17 by Tzvi Magril
_____ who personally appeared before me at the time of notarization, and who is personally known to me or who has produced _____ as identification.



Notary Public

My commission expires:

Jan 4 2019



RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

AFFIDAVIT

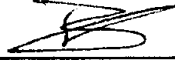
TO: ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS
ST. AUGUSTINE, FLORIDA

At the time the proposal is submitted, the Respondent shall attach to his proposal a sworn statement.

The sworn statement shall be an affidavit in the following form, executed by an officer of the firm, association or corporation submitting the proposal and shall be sworn to before a person who is authorized by law to administer oaths.

STATE OF Florida COUNTY OF Broward. Before me, the undersigned authority, personally appeared Tzvi Magril who, being duly sworn, deposes and says he is President (Title) of Star Controls, Inc. (Firm) the respondent submitting the attached proposal for the services covered by the RFQ documents for RFQ No: 17-79; Request for Qualifications for SCADA System Services.

The affiant further states that no more than one proposal for the above referenced project will be submitted from the individual, his firm or corporation under the same or different name and that such respondent has no financial interest in the firm of another respondent for the same work, that neither he, his firm, association nor corporation has either directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this firm's proposal on the above described project. Furthermore, neither the firm nor any of its officers are debarred from participating in public contract lettings in any other state.



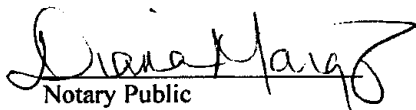
(Proposer)
By Tzvi Magril

President

(Title)

STATE OF Florida)
COUNTY OF Broward)

Subscribed and sworn to before me this 10 day of October, 2017, by Tzvi Magril who personally appeared before me at the time of notarization, and who is personally known to me or who has produced _____ as identification.


Notary Public

My commission expires:
Jan 4, 2019



VENDOR ON ALL COUNTY PROJECTS MUST EXECUTE AND ATTACH THIS AFFIDAVIT TO EACH PROPOSAL.

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS

CONFLICT OF INTEREST DISCLOSURE FORM

The term “conflict of interest” refers to situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting a consultant’s/contractor’s professional judgment in completing work for the benefit of St. Johns County (“County”). The bias such conflicts could conceivably impart may inappropriately affect the goals, processes, methods of analysis or outcomes desired by the County.

Consultants/Contractors are expected to safeguard their ability to make objective, fair, and impartial decisions when performing work for the benefit of the County. Consultants/Contractors, therefore must there avoid situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting the consultant’s/contractor’s professional judgement when completing work for the benefit of the County.

The mere appearance of a conflict may be as serious and potentially damaging as an actual distortion of goals, processes, and methods of analysis or outcomes. Reports of conflicts based upon appearances can undermine public trust in ways that may not be adequately restored even when the mitigating facts of a situation are brought to light. Apparent conflicts, therefore, should be disclosed and evaluated with the same vigor as actual conflicts.

It is expressly understood that failure to disclose conflicts of interest as described herein may result in immediate disqualification from evaluation or immediate termination from work for the County.

Please check the appropriate statement:

☐ I hereby attest that the undersigned Respondent has no actual or potential conflict of interest due to any other clients, contracts, or property interests for completing work on the above referenced project.

☐ The undersigned Respondent, by attachment to this form, submits information which may be a potential conflict of interest due to other clients, contracts or property interests for completing work on the above referenced project.

Legal Name of Respondent:

Star Controls, Inc.

Authorized Representative(s):


Signature

Tzvi Magril/ President
Print Name/Title

Signature

Print Name/Title

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS

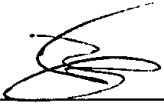
DRUG-FREE WORKPLACE FORM

The undersigned firm, in accordance with Florida Statute 287.087 hereby certifies that

Star Controls, Inc. does:
Name of Firm

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the danger of drug abuse in the workplace, the business' policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, employee assistance programs and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the contractual services that are described in St. Johns County's request for qualifications to provide bond underwriter services a copy of the statement specified in paragraph 1.
4. In the statement specified in paragraph 1, notify the employees that, as a condition of working on the contractual services described in paragraph 3, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Florida Statute 893, as amended, or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction or plea.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.
6. Consistent with applicable provisions with State or Federal law, rule, or regulation, make a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs 1 through 5.

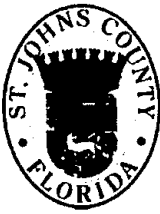
As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.



Signature

10/10/2017

Date



St. Johns County Board of County Commissioners

Purchasing Division

September 7, 2017

ADDENDUM #1

To: Prospective Respondents
From: St. Johns County Purchasing Department
Subject: RFQ No. 17-79, Request for Qualifications for SCADA System Services

This Addendum #1 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a bid proposal that he/she has received all Addenda, and **return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.**

A. QUESTIONS:

1. We need to clarify the requirement on the following please. Under Part III: Requirements of This RFQ, B. 1. Experience, it states "Minimum qualifications for experience shall include: The Remote Terminal Unit/Supervisory Control and Data Acquisition (RTU/SCADA) supplier may hold a State of Florida Professional Engineering (PE) License with area of expertise in electrical engineering. A copy of the license, if applicable, shall be provided to the County or upon the County's request for any drawings stamped by, or any project overseen by, a PE subcontracted by the RTU/SCADA Supplier." Would you please clarify if the RTU/SCADA Supplier is required to have a PE on staff, or if subcontracting the PE is acceptable.

Answer: The responding firm (RTU/SCADA supplier) is not required to have a licensed State of Florida Professional Engineer (PE) on staff, the PE may be sub-contracted; however, the sub-contractor must be a licensed PE in the State of Florida. Proposed Sub-Contractors must be identified with the submitted proposal as per instructions in Section V of the RFQ document.

THE RFQ DUE DATE REMAINS SEPTEMBER 21, 2017 AT 4:00 P.M.

Acknowledgment

Sincerely,

Signature and Date

A handwritten signature in black ink, appearing to read "Diana M. Fye".

Diana M. Fye, CPPB
Procurement Coordinator

Tzvi Magril

Printed Name/Title

Star Controls, Inc.

Company Name (Print)

END OF ADDENDUM NO. 1



St. Johns County Board of County Commissioners

Purchasing Division

September 14, 2017

ADDENDUM #2

To: Prospective Respondents
From: St. Johns County Purchasing Department
Subject: RFQ No. 17-79, Request for Qualifications for SCADA System Services

This Addendum #2 is issued for further respondent's information and is hereby incorporated into the RFQ documents. Each respondent will ascertain before submitting a qualification package that he/she has received all Addenda, and return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.

CHANGE/CLARIFICATION:

Due to impacts from Hurricane Irma, the deadline for submittal and opening of qualifications packages for RFQ No. 17-79 has been extended by three (3) weeks. Sealed qualification packages are due by or before 4:00 PM (EST) on October 12, 2017.

Any and all questions or requests for information relating to this Request for Qualifications shall be submitted in writing by close of business (5:00 PM) on Thursday, September 21, 2017. Final Addendum will post by close of business (5:00 PM) on Thursday, October 5, 2017.

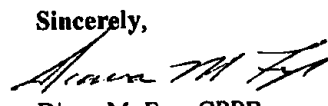
The evaluation of submitted RFQ packages is rescheduled for October 26, 2017.

THE RFQ DUE DATE HAS CHANGED TO OCTOBER 12, 2017 AT 4:00 P.M.

Acknowledgment

Sincerely,

Signature and Date


Diana M. Fye, CPPB
Procurement Coordinator

Tzvi Magril

Printed Name/Title

Star Controls, Inc.

Company Name (Print)

END OF ADDENDUM NO. 2



St. Johns County Board of County Commissioners

Purchasing Division

September 29, 2017

ADDENDUM #3

To: Prospective Respondents
From: St. Johns County Purchasing Department
Subject: RFQ No. 17-79, Request for Qualifications for SCADA System Services

This Addendum #3 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a bid proposal that he/she has received all Addenda, and return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.

A. QUESTIONS:

1. In Part IV of the RFQ, in Paragraph F, will the County agree that Consultant's indemnity obligations will be governed by FS chapter 725.08? If so, some suggested language would be: "The CONSULTANT shall indemnify and hold harmless the OWNER, and its offices and employees, from liabilities, damages, losses and costs, including but not limited to, reasonable attorney's fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the CONSULTANT and other persons employed or utilized by the CONSULTANT in the performance of this Agreement."

Answer: Indemnification language in St. Johns County contracts is as follows: "The Consultant shall indemnify and hold harmless the County and its officers and employees from claims, liabilities, damages, losses, and costs, including court costs, expert witness and professional consultation services, and attorneys' fees, arising out of the Consultant's errors, omissions, or negligence. The Consultant shall not be liable to, nor be required to indemnify the County for, any portions of damages arising out of any error, omission, or negligence of the County or its officers and employees."

THE RFQ DUE DATE REMAINS OCTOBER 12, 2017 AT 4:00 P.M.

Acknowledgment

Signature and Date

Tzvi Magril/President
Printed Name/Title

Star Controls, Inc.
Company Name (Print)

Sincerely,

Diana M. Fye, CPPB
Procurement Coordinator

END OF ADDENDUM NO. 3



St. Johns County Board of County Commissioners

Purchasing Division

September 29, 2017

ADDENDUM #3

To: Prospective Respondents
From: St. Johns County Purchasing Department
Subject: RFQ No. 17-79, Request for Qualifications for SCADA System Services

This Addendum #3 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a bid proposal that he/she has received all Addenda, and return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.

A. QUESTIONS:

1. In Part IV of the RFQ, in Paragraph F, will the County agree that Consultant's indemnity obligations will be governed by FS chapter 725.08? If so, some suggested language would be: "The CONSULTANT shall indemnify and hold harmless the OWNER, and its offices and employees, from liabilities, damages, losses and costs, including but not limited to, reasonable attorney's fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the CONSULTANT and other persons employed or utilized by the CONSULTANT in the performance of this Agreement."

Answer: Indemnification language in St. Johns County contracts is as follows: "The Consultant shall indemnify and hold harmless the County and its officers and employees from claims, liabilities, damages, losses, and costs, including court costs, expert witness and professional consultation services, and attorneys' fees, arising out of the Consultant's errors, omissions, or negligence. The Consultant shall not be liable to, nor be required to indemnify the County for, any portions of damages arising out of any error, omission, or negligence of the County or its officers and employees."

THE RFQ DUE DATE REMAINS OCTOBER 12, 2017 AT 4:00 P.M.

Acknowledgment

Sincerely,

A handwritten signature in dark ink, appearing to read "Diana M. Fye", is written over a horizontal line.

Signature and Date

Diana M. Fye, CPPB
Procurement Coordinator

Printed Name/Title

Company Name (Print)

END OF ADDENDUM NO. 3



St. Johns County Board of County Commissioners

Purchasing Division

September 14, 2017

ADDENDUM #2

To: Prospective Respondents
From: St. Johns County Purchasing Department
Subject: RFQ No. 17-79, Request for Qualifications for SCADA System Services

This Addendum #2 is issued for further respondent's information and is hereby incorporated into the RFQ documents. Each respondent will ascertain before submitting a qualification package that he/she has received all Addenda, and return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.

CHANGE/CLARIFICATION:

Due to impacts from Hurricane Irma, the deadline for submittal and opening of qualifications packages for RFQ No. 17-79 has been extended by three (3) weeks. Sealed qualification packages are due by or before 4:00 PM (EST) on October 12, 2017.

Any and all questions or requests for information relating to this Request for Qualifications shall be submitted in writing by close of business (5:00 PM) on Thursday, September 21, 2017. Final Addendum will post by close of business (5:00 PM) on Thursday, October 5, 2017.

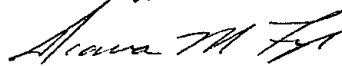
The evaluation of submitted RFQ packages is rescheduled for October 26, 2017.

THE RFQ DUE DATE HAS CHANGED TO OCTOBER 12, 2017 AT 4:00 P.M.

Acknowledgment

Sincerely,

Signature and Date


Diana M. Fye, CPPB
Procurement Coordinator

Printed Name/Title

Company Name (Print)

END OF ADDENDUM NO. 2



St. Johns County Board of County Commissioners

Purchasing Division

September 7, 2017

ADDENDUM #1

To: Prospective Respondents
From: St. Johns County Purchasing Department
Subject: RFQ No. 17-79, Request for Qualifications for SCADA System Services

This Addendum #1 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a bid proposal that he/she has received all Addenda, and **return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.**

A. QUESTIONS:

1. We need to clarify the requirement on the following please. Under Part III: Requirements of This RFQ, B. 1. Experience, it states "Minimum qualifications for experience shall include: The Remote Terminal Unit/Supervisory Control and Data Acquisition (RTU/SCADA) supplier may hold a State of Florida Professional Engineering (PE) License with area of expertise in electrical engineering. A copy of the license, if applicable, shall be provided to the County or upon the County's request for any drawings stamped by, or any project overseen by, a PE subcontracted by the RTU/SCADA Supplier." Would you please clarify if the RTU/SCADA Supplier is required to have a PE on staff, or if subcontracting the PE is acceptable.

Answer: The responding firm (RTU/SCADA supplier) is not required to have a licensed State of Florida Professional Engineer (PE) on staff, the PE may be sub-contracted; however, the sub-contractor must be a licensed PE in the State of Florida. Proposed Sub-Contractors must be identified with the submitted proposal as per instructions in Section V of the RFQ document.

THE RFQ DUE DATE REMAINS SEPTEMBER 21, 2017 AT 4:00 P.M.

Acknowledgment

Signature and Date

Printed Name/Title

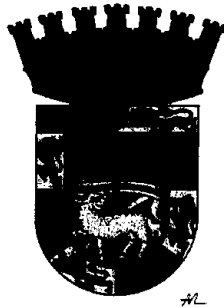
Company Name (Print)

Sincerely,

A handwritten signature in black ink, appearing to read "Diana M. Fye".

**Diana M. Fye, CPPB
Procurement Coordinator**

END OF ADDENDUM NO. 1



**ST. JOHNS COUNTY
BOARD OF COUNTY COMMISSIONERS**

RFQ NO. 17-79

**REQUEST FOR QUALIFICATIONS FOR
SCADA SYSTEM SERVICES**

St. Johns County Purchasing Department
500 San Sebastian View
St. Augustine FL 32084
(904) 209-0150 – Main

Final: 08/21/17

RFQ NO. 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

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RFQ NO. 17-79: REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

PART I: ADVERTISEMENT

Notice is hereby given that St. Johns County, FL is soliciting Qualifications packages for **RFQ No: 17-79; REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES**. Interested and qualified respondents may submit Qualifications Packages, in accordance with the requirements described herein, to the St. Johns County Purchasing Department located at 500 San Sebastian View, St. Augustine, FL 32084. All Qualifications Packages are due by or before **4:00 P.M. (EST) on Thursday, September 21, 2017**. Any packages delivered to or received after the 4:00 P.M. deadline will not be considered and shall be returned unopened to the addressee.

The purpose of this RFQ is to evaluate and rank firms seeking qualification in order to submit rates for the provision of Supervisory Control and Data Acquisition (SCADA) System (also referred to as Telemetry) Services to the St. Johns County Utility Department on a Continuing Services Contract. Interested respondents must be qualified and experienced in the application of automated process control elements and systems as may be found in the water and wastewater industry. Firms must provide evidence of required qualifications; experience and financial capability and stability in accordance with the information specified in this document. The intent of this RFQ is to qualify firms using the established selection criteria provided herein. Only those firms qualified through this RFQ process will be eligible to submit rates for a Continuing Services Contract. Projects under the award of this contract will be issued through Task Orders on an as needed basis.

Documents related to this Request for Qualifications (RFQ) may be obtained from Onvia DemandStar, Inc. at the following web address: www.demandstar.com, by requesting St. Johns County Document **#17-79**. For technical assistance with this Website please contact Onvia Supplier Services at 1-800-711-1712. A link to the Onvia DemandStar website is available through the St. Johns County Purchasing Website by clicking on the following link: www.sjcfl.us/Purchasing/OpenBids.aspx. Check the County's site for download availability and any applicable fees. RFQ Documents may also be requested, *in writing*, from the St. Johns County Purchasing Department Point of Contact, Diana M. Fye, via email: dfye@sjcfl.us or fax: (904) 209-0163.

Any and all questions or requests for information relating to this RFQ must be directed, *in writing*, to the following Designated Point of Contact:

Designated Point of Contact Information: Diana M. Fye, CPPB, Procurement Coordinator
SJC Purchasing Department
500 San Sebastian View
St. Augustine, FL 32084
Email: dfye@sjcfl.us
Fax: (904) 209-0163

In the event the Designated Point of Contact provided above is absent or otherwise unavailable, firms may contact Leigh Daniels, CPPB, Procurement Supervisor at ldaniels@sjcfl.us.

Interested firms shall not contact, lobby, or otherwise communicate with any SJC employee, including any member of the Board of County Commissioners, other than the above referenced individual from the point of advertisement of the solicitation, until contract(s) are executed by all parties, per SJC Purchasing Code 304.6.5 "Procedures Concerning Lobbying". According to SJC Policy, any such communication shall disqualify the vendor, contractor, or consultant from responding to the subject invitation to negotiate or request for qualifications.

RFQ Packages must be submitted to the SJC Purchasing Department, located at 500 San Sebastian View, St. Augustine, FL 32084 in a sealed envelope or container, and labeled with the Respondent's full legal company name and mailing address, as well as "**RFQ 17-79; Request for Qualifications for SCADA System Services**" on the exterior of the package. Each submitted RFQ package shall contain one (1) original hard-copy document, and one (1) exact electronic copy of the submitted document on a USB Drive. The submitted RFQ Package shall include any and all required documentation along with any and all supplemental information.

Any bidder, proposer or person substantially and adversely affected by an intended decision or by a term, condition, procedure or specification with respect to any bid, invitation, solicitation of proposals or requests for qualifications, shall file with the Purchasing Department for St. Johns County, a written notice of intent to protest no later than 72 hours

(excluding Saturdays, Sundays and legal holidays for employees of St. Johns County) after the posting either electronically or by other means of the notice of intended action, notice of intended award, bid tabulation, publication by posting electronically or by other means of a procedure, specification, term or condition which the person intends to protest, or the right to protest such matter shall be waived. The protest procedures may be obtained from the Purchasing Department and are included in the County's Purchasing Manual. All of the terms and conditions of the County Purchasing Manual are incorporated by reference and are fully binding.

The St. Johns County Board of County Commissioners reserves the right to reject any or all proposals, waive minor formalities or award to/negotiate with the firm whose proposal best serves the interest of St. Johns County.

BOARD OF COUNTY COMMISSIONERS
OF ST. JOHNS COUNTY, FLORIDA
HUNTER S. CONRAD, CLERK

BY: _____
Deputy Clerk

RFQ NO. 17-79: REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

PART II: INTRODUCTION

A. PURPOSE

The purpose of this RFQ is to evaluate, rank, and shortlist firms seeking qualification in order to submit rates for a continuing services contract for the performance of Supervisory Control and Data Acquisition (SCADA) System (also referred to as Telemetry) services to the St. Johns County Utility Department. The intent of this RFQ is to qualify firms using the established selection criteria provided herein.

B. INTENT OF REQUEST FOR QUALIFICATIONS

The intent of this RFQ is to qualify firms using the established selection criteria. Only those firms qualified through this RFQ process will be eligible to submit rates for a continuing services contract for SCADA System Services. It is the intent of the County to select more than one firm, based on the experience and capabilities of the applicant firms. Work will be assigned to contracted firms through Task Orders on an as needed basis. The St. Johns County Board of County Commissioners reserves the right to reject any or all Qualifications Packages, waive minor formalities, or award to/negotiate with the firms whose submittals best serve the interests of St. Johns County.

Any bidder, proposer or person substantially and adversely affected by an intended decision or by a term, condition, procedure or specification with respect to any bid, invitation, solicitation of proposals or requests for qualifications, shall file with the Purchasing Department for St. Johns County, a written notice of intent to protest no later than 72 hours (excluding Saturdays, Sundays and legal holidays for employees of St. Johns County) after the posting either electronically or by other means of the notice of intended action, notice of intended award, bid tabulation, publication by posting electronically or by other means of a procedure, specification, term or condition which the person intends to protest, or the right to protest such matter shall be waived. The protest procedures may be obtained from the Purchasing Department and are included in the County's Purchasing Manual. All of the terms and conditions of the County Purchasing Manual are incorporated by reference and are fully binding.

C. TENTATIVE SCHEDULE OF EVENTS

The County proposes the tentative schedule of events below. The dates provided may change at the discretion of the County. If any modifications impact the schedule of this RFQ, through and until the submittal deadline for Qualification Packages, will be through an Addendum.

Advertisement of Request for Qualifications for Consultants	August 24, 2017
Deadline for Questions / Requests for Information/Clarifications	September 7, 2017
Issuance of Final Addendum	September 14, 2017
Qualification Package Submission Deadline	September 21, 2017
Evaluation of Submitted RFQ Packages	October 5, 2017
Presentation of Firms Recommended for Award to BOCC	November 21, 2017
Negotiation of Contract	November 30, 2017
Award of Contract	December 5, 2017

D. DUE DATE & LOCATION

Qualification Packages submitted in response to this Request for Qualifications (RFQ) must be delivered to, and received by the SJC Purchasing Department by or before four o'clock (4:00PM) on **Thursday, September 21, 2017**. Any packages received by the SJC Purchasing Department after this deadline will be deemed non-responsive, and shall be returned to the Respondent, unopened.

Qualification Packages must be submitted to: SJC Purchasing Department
500 San Sebastian View
St. Augustine, FL 32084

E. DESIGNATED POINT OF CONTACT

Any and all questions or requests for information relating to this RFQ must be directed, **in writing**, to the following Designated Point of Contact:

Designated Point of Contact Information: Diana M. Fye, CPPB, Procurement Coordinator
SJC Purchasing Department
500 San Sebastian View
St. Augustine, FL 32084
Email: dfye@sjcfl.us
Fax: (904) 209-0163

In the event the Designated Point of Contact provided above is absent or otherwise unavailable, firms may contact Leigh Daniels, CPPB, Procurement Supervisor at ldaniels@sjcfl.us.

Interested firms shall not contact any staff member of St. Johns County, including members of the Board of County Commissioners, except the above referenced individual, with regard to this RFQ as stated in SJC Purchasing Code 304.6.5 "Procedures Concerning Lobbying". Any such communication shall result in disqualification from consideration for award of a contract for these services.

F. SUBMITTAL OF QUESTIONS/INQUIRIES

Any and all questions and/or inquiries related to this RFQ shall be directed in writing to the Designated Point of Contact as provided above, by or before **4:00 P.M. (EST), Thursday, September 7, 2017**.

G. ADDENDA

Any and all clarifications, answers to questions, or changes to this RFQ shall be provided through a County issued Addendum, posted on www.demandstar.com. Any clarifications, answers, or changes provided in any manner other than a formally issued addendum, are to be considered "unofficial" and shall not bind the County to any requirements, terms or conditions not stated herein.

The County shall make every possible, good faith effort to issue any and all addenda no later than seven (7) days prior to the due date for proposals. Any addenda issued after this date shall be for material, necessary clarifications to the Request for Qualifications.

Any and all issued Addenda must be included with all copies of each Respondent's submitted RFQ Package. Failure to submit an issued addendum with the submitted RFQ Package may result in the Respondent being deemed non-responsive, and being removed from consideration for award. The County reserves the right to request from any Respondent, copies of any missing addenda, if the content included in the Addenda is not of a material nature to the merit of the submitted Qualifications Package.

H. COSTS INCURRED BY RESPONDENTS

Respondents are responsible for any and all costs associated with developing and submitting a Qualifications Package in response to this RFQ. Respondents are also solely responsible for any and all costs associated with interviews and/or presentations requested by the County. It is expressly understood that no Respondent may seek or claim any award and/or reimbursement from the County for any expenses, costs, and/or fees (including attorneys' fees) borne by any Respondent, during the entire RFQ Process. Such expenses, costs, and/or fees (including attorneys' fees) are the sole responsibility of the Respondent.

I. DETERMINATION OF RESPONSIVENESS

The County shall make a determination for each respondent, as to the responsiveness of the submitted RFQ Package to the requirements provided herein. Any respondent who is not responsive to the requirements of this Request for Qualifications may be determined non-responsive, and may be removed from consideration by the Evaluation Committee. Only those respondents who are fully responsive to the requirements herein will be evaluated for consideration of award.

The County reserves the right to waive any minor formality or irregularity in any submitted RFQ Proposal. However, any missing information or document(s) that are material to the purpose of the RFQ shall not be waived as a minor formality.

J. EQUAL EMPLOYMENT OPPORTUNITY

In accordance with Federal, State and Local law, the submitting firm shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or handicap. The submitting firm shall be required to comply with all aspects of the Americans with Disabilities Act (ADA) during the performance of the

work.

K. PUBLIC RECORDS

In accordance with Chapter 119 of the Florida Statutes (Public Records Law) and except as may be provided by other applicable State and Federal Law, all proposers should be aware that Request for Qualifications and the responses thereto are in the public domain. However, the proposers are requested to identify specifically any information contained in their proposals which they consider confidential and/or proprietary and which they believe to be exempt from disclosure, citing specifically the applicable exempting law.

L. CONFIDENTIALITY

The County shall not discuss or disclose proposals or their proposed cost with competing firms during the selection process or otherwise disclose them to the public except as may be required under the Federal and State Freedom of Information Acts and other relevant law. Proprietary information that is submitted must be identified as such at the time of submission, and shall not be disclosed to the public or competing vendors at any point in time.

After a contract is awarded in whole or in part, this RFQ and all responses are considered public information, except for material that qualifies as proprietary information or trade secrets under Federal, State and Local law.

No responsibility is to be attached to the Purchasing Director or purchasing representatives for the premature opening or disclosure of a proposal not properly addressed and identified.

M. CONSIDERATION FOR CONTRACT AWARD

Recommendation shall be made to the Board of County Commissioners by County Staff to enter into negotiations with the highest ranked firm(s) with the intention of coming to agreement over terms, conditions, and rates in order to award contracts for the as needed services described herein.

N. CONTRACT PERFORMANCE

At any point in time during the term of the Contract with the awarded Consultant, County Staff may review records of performance to ensure that the Consultant is continuing to provide sufficient financial support, equipment and organization as prescribed herein. The County may place said contract on probationary status and implement termination procedures if the County determines that a Consultant no longer possesses the financial support, equipment and organization which would have been necessary during the RFQ evaluation period in order to comply with this demonstration of competency section.

PART III: REQUIREMENTS OF THIS RFQ

A. GENERAL SCOPE OF SERVICES

The continuing services contract(s) resulting from this RFQ shall be for professional technical services to assist with Supervisory Control and Data Acquisition (SCADA) System (also referred to as Telemetry) Maintenance and the implementation of various projects. The County owns and operates eight (8) wastewater and eight (8) water treatment plants including 347 lift stations. Currently, the utility telemetry system enables the automated operation and monitoring of over 140 lift stations and 16 plants. Most of the operation is performed by radio with some exceptions of hard wired systems.

It is important to note that the County does not intend to change the hardware or HMI (Human Machine Interface) Software at this time. This RFQ is intended to provide support services to the existing equipment and implement new projects with the same manufacturer including its subsidiaries and newer versions of upgrades that will follow.

B. MINIMUM QUALIFICATIONS OF CONSULTANTS

In order to be considered for qualification for the continuing services contract, Respondents must meet the following minimum qualifications:

1. **Experience:** The Consultant shall demonstrate his/her experience in the planning, designing, installation and troubleshooting of the Motorola and VT SCADA (VTS) systems. Minimum qualifications for experience shall include:
 - The Remote Terminal Unit/Supervisory Control and Data Acquisition (RTU/SCADA) supplier may hold a State of Florida Professional Engineering (PE) License with area of expertise in electrical engineering. A copy

of the license, if applicable, shall be provided to the County or upon the County's request for any drawings stamped by, or any project overseen by, a PE subcontracted by the RTU/SCADA Supplier.

- To insure compliance with National Fire Protection Agency (NFPA) and life safety codes, all control panels must be fabricated in a UL-508A panel Shop.
 - To insure compliance with Florida Statute 489, the RTU/SCADA supplier must have a current Florida Certified Electrical Contractor's License, or have any work requiring approval by a certified electrical contractor done so by a subcontracted certified electrical contractor. This license must be on file with the County.
 - The RTU/SCADA supplier must have experience on a minimum of three (3) similar systems in the three (3) previous years.
2. **Staffing and Availability:** The Consultant shall demonstrate his/her capability and staff support to deliver required services to the County based on the following minimum qualifications:
- On site and Remote Access, emergency service will be available within 4 hours and will be available on 24-hour call basis. A phone number answered 24 hours per day, 365 days per year will be provided for emergency call-outs.
 - Proof of VTS employee training that meets the above VTS training requirements must be provided in the submitted proposal.

Each Respondent shall demonstrate the necessary minimum qualifications, along with supplemental information in the designated section, as provided in Section III below. Failure by any Respondent to sufficiently demonstrate compliance with the minimum qualification requirements stated above, may result in the Respondent being deemed non-responsive, and removal from the evaluation, and consideration for qualification.

C. RESPONSIBILITIES OF THE CONSULTANT

The successful Consultant(s) will be skilled and knowledgeable in the application of automated process control elements and systems as may be found in the water and wastewater industry. The Consultant(s) will work closely with the Utility Department Engineering, Information Systems, Operations and Maintenance staff to plan and complete various projects. The Consultant(s) must be diversified enough to deliver a wide array of anticipated services required, but not limited to:

1. **Operational:** The Consultant shall be responsible for correcting operational problems with the existing Telemetry-based SCADA. This system consists of Motorola MOSCAD™ and ACE 3600 RTU's and Trihedral's VT SCADA – HMI (Human Machine Interface) software.
2. **System Retrofits:** The Consultant shall be responsible for retrofitting portions of conventional analog-based or hard-wired control systems currently in place to interface with the SCADA system. Modifications to all hardware, software and ancillary devices as may be involved with such retrofit activities will be the sole responsibility of the Consultant. The Consultant shall demonstrate his/her ability to perform such tasks and familiarity with similar systems.
3. **System Expansions:** The Consultant shall be responsible for expanding the existing SCADA system to include monitoring and/or control of additional equipment. The County may choose to incorporate equipment and processes, which are not currently automated into the existing SCADA system and assign this work to the Consultant.
4. **System Troubleshooting:** The Consultant shall be responsible for troubleshooting the overall system's operation to determine causes of poor or improper operation. The Consultant must not limit activities to replacement of faulty hardware, but rather fully troubleshoot software, hardware, field instruments, wiring, and the process operation itself in order to effectively find and correct the source of reported problems.
5. **Provide Training:** The Consultant shall provide technical operational training as well as software configuration and usage training.

Work will be awarded on a project-by-project basis that may include any or all of the above services, or services not specifically mentioned, but directly related to the specified discipline. The contract amount for services on any single project or task order will not exceed the limit set forth by current Florida Statute. The agreement(s) shall be governed

by and construed in accordance with the laws of the State of Florida.

Generally, the method of compensation preferred by the County is on a unit rate basis for services rendered, in accordance with an established fee schedule. A "Fee Schedule" will be negotiated and agreed upon at the time of execution of each agreement and will be a part of each contract. All payments, fees, reimbursements, and costs will be based on the fee schedule established for the successful proposer(s). The Fee Schedule will designate the hourly rate / unit rates for each position title specified. The fee schedule may not be deviated from without the prior written consent of the Purchasing Director. The task order proposals will be submitted on firm letterhead, detailing the services required to complete the project; the total hours and cost for each employee associated with the activity; the total cost for each activity, including total reimbursables and labor cost. All fees will be in accordance with the established fee schedule. The successful individual(s) or firm(s) will be paid no more frequently than on a monthly basis, upon the receipt of a valid invoice or statement.

D. PROOF OF LIABILITY INSURANCE COVERAGE

Each Respondent shall be required to demonstrate the minimum insurance coverage, stated below, which shall be required throughout the duration of the awarded contract. If any Respondent does not currently carry insurance coverage(s) at the minimum levels provided below, the Respondent shall be required to provide a Certification Letter from an Insurance Provider, stating that the Respondent is eligible for coverage in at least the amounts, as provided herein.

The awarded Consultant shall not commence work under this Contract until he/she has obtained all insurance required under this section and such insurance has been approved by the County. All insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida. The Consultant shall furnish proof of Insurance to the County prior to the commencement of operations. The Certificate(s) shall clearly indicate the Consultant has obtained insurance of the type, amount, and classification as required by contract and that no material change or cancellation of the insurance shall be effective without thirty (30) days prior written notice to the County. Certificates shall specifically include the County as Additional Insured for all lines of coverage except Workers' Compensation and Professional Liability. A copy of the endorsement must accompany the certificate. Compliance with the foregoing requirements shall not relieve the Consultant of his/her liability and obligations under this Contract.

Certificate Holder Address: St. Johns County, a political subdivision of the State of Florida
 500 San Sebastian View
 St. Augustine, FL 32084

The Consultant shall maintain during the life of this Contract, Comprehensive General Liability Insurance with minimum limits of \$1,000,000 per occurrence, \$2,000,000 aggregate, to protect the Consultant from claims for damages for bodily injury, including wrongful death, as well as from claims of property damages which may arise from any operations under this contract, whether such operations be by the Consultant or by anyone directly employed by or contracting with the Consultant.

The Consultant shall maintain Umbrella or Excess Liability Insurance covering workers compensation, commercial general liability and business auto liability with minimum limits of liability of \$1,000,000.

The Consultant shall maintain during the life of the contract, Professional Liability or Errors and Omissions Insurance with minimum limits of \$1,000,000, if applicable.

The Consultant shall maintain during the life of this Contract, Comprehensive Automobile Liability Insurance with minimum limits of \$300,000 combined single limit for bodily injury and property damage liability to protect the Consultant from claims for damages for bodily injury, including the ownership, use, or maintenance of owned and non-owned automobiles, including rented/hired automobiles whether such operations be by the Consultant or by anyone directly or indirectly employed by a Consultant.

The Consultant shall maintain during the life of this Contract, adequate Workers' Compensation Insurance in at least such amounts as are required by the law for all of its employees per Florida Statute 440.02.

In the event of unusual circumstances, the County Administrator or his designee may adjust these insurance requirements.

E. USE OF COUNTY LOGO

Pursuant to, and consistent with, County Ordinance 92-2 and County Administrative Policy 101.3, Respondents may not manufacture, use, display, or otherwise use any facsimile or reproduction of the County Seal/Logo without express written approval of the Board of County Commissioners of St. Johns County, Florida.

Respondents shall not include the St. Johns County Seal/Logo in any part of their submitted package. Any packages received by the SJC Purchasing Department, which contain the County Seal/Logo may be deemed nonresponsive to this requirement. The County reserves the right to request the submitting firm to resubmit a package with the County Seal/Logo removed, within twenty four (24) hours of the submittal deadline provided herein, or as necessary to serve the needs of the County.

F. TRADE SECRETS

All material marked as a trade secret must be separated from all non-trade secret material, such as being submitted in a separate envelope clearly marked as "trade secret." If the office or department receives a public records request for a document or information that is marked and certified as a trade secret, the office or department shall promptly notify the person that certified the document as a trade secret.

To invoke the provisions of Florida Statute 812.081, Trade Secrets, or other applicable law, the requesting firm must complete an Affidavit of Trade Secret Confidentiality, signed by an officer of the company, and submit the affidavit with the information classified as "Trade Secret" with other proposed documents. The affidavit must reference the applicable law or laws under which trade secret status is to be granted.

G. EVALUATION OF QUALIFICATIONS PACKAGES

Each Evaluation Committee Team Member will receive a set of all of the RFQ packages submitted, a copy of the RFQ document with all issued Addenda, and an Evaluator's Score Sheet. The Team shall then evaluate each RFQ Package according to the criteria described herein. Each Evaluation Team Member shall evaluate the RFQ Packages individually, with no communication, coordination, or influence from any other Evaluation Team Member, or any other individual. Scores for each Respondent shall be recorded on the Evaluator's Score Sheet. A public Evaluation Meeting will be held by the SJC Purchasing Department to record the scores from each Evaluation Committee Member, and rank the firms' scores highest to lowest.

The County desires to avoid the expense to all parties of unnecessary presentations; however, the County may elect to conduct oral interviews or presentations from one or more of the respondents in order to make a final determination of the firms' qualifications. If the County elects to conduct oral interviews or presentations, selected firms will be notified.

County Staff may consider any evidence available regarding financial, technical, other qualifications and abilities of a respondent, including past performance (experience) with the County prior to recommending approval of award to the St. Johns County Board of County Commissioners.

The St. Johns County Board of County Commissioners reserves the right to reject any or all Qualifications, waive minor formalities or award to/negotiate with the firm whose Qualification best serves the interest of the County.

H. EVALUATION CRITERIA

- 1. Company & Staff Qualifications** - Evidence of required qualifications are demonstrated through the information and documents requested in Part V, sections 1 and 2, including a Letter of Introduction, company organization, staff information, Licenses and Certifications. **Qualifications shall be scored on a scale of 0 – 25 points.**
- 2. Related Experience** – Evidence of previous project experience demonstrates the firm has successfully completed, as the lead firm, a minimum of three (3) projects in the last three (3) years for SCADA System Services on a comparable size and scope. **Related Experience shall be scored on a scale of 0 – 25 points.**
- 3. Project Approach** – Evidence of the Respondent's approach, capabilities, and methods in performing project services demonstrates the Respondent is capable to successfully perform the work as specified in this RFQ. **Project Approach shall be scored on a scale of 0 – 20 points.**

4. **Quality Control Process** - Evidence of the Respondent's implementation of a quality control process demonstrates that quality work products and services can be delivered in a timely manner; and demonstrates the ability to coordinate with county, regional, state, and federal governmental agencies and administrations. **Quality Control Process shall be scored on a scale of 0 – 20 points.**
5. **Schedule and Availability**– Evidence of Respondent's resource availability is demonstrated by list of current (in progress) and anticipated work load. **Schedule and Availability shall be scored on a scale of 0 – 5 points.**
6. **Compliance with RFQ Instructions shall be scored on a scale of 0-05 points.**

Maximum Total Score per Evaluator: 100 points

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**ST. JOHNS COUNTY FLORIDA
BOARD OF COUNTY COMMISSIONERS**

**PROJECT: RFQ 17-79 Request for
Qualifications for SCADA
System Services**

[illegible]

DATE:

RFQ NO. 17-79: REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

PART IV: CONTRACT REQUIREMENTS

A. CONTRACT AGREEMENT & TERM

The intent of this RFQ is to select one or more individual(s) or firm(s) through the evaluation process and to award a contract upon successful negotiations to the selected individual(s) or firm(s). It is anticipated the County will issue a professional services contract for an initial term of three (3) years with one (1) three (3) year renewal options available for exercise by the County.

Any contract(s) negotiated with any individual(s) or firm(s) responding to this Request for Qualifications will be non-exclusive. The County reserves the right to: (1) enter into contracts with firms for some or all of the services; and to (2) subsequently solicit proposals and negotiate contracts, for such services with respect to specific projects. All such actions shall be subject to the sole discretion of the County.

Work will be awarded, as needed, by task order on a project-by-project basis that may include any or all of the above mentioned services, or services not specifically mentioned, but directly related to the specified discipline. Individual(s) or firm(s) may sublet, subcontract or otherwise engage the services of a third party. The subcontractor information must be disclosed in the response to the proposal. However, the primary consultant must be responsible for all the work performed. The contract amount for services on any single project or task order will not exceed the limit set forth by current Florida Statute. The agreement(s) shall be governed by and construed in accordance with the laws of the State of Florida.

Any additional service options would require submission of a proposal and related fees for approval by St. Johns County prior to any work being implemented. These additional services will be added to the Standard Contract by Contract Amendment/Change Order.

The County may consider extending any executed Contract/Agreement under mutually acceptable terms and conditions. However, the County is under no obligation to extend any executed Contract/Agreement. Moreover, it is expressly understood that the option of extension is exercisable only by the County, and only upon the County's determination of satisfactory performance of any executed Contract/Agreement, including specifically, the Scope of Work/Services. Any contract renewal will be upon mutual agreement by all parties and based upon the availability of funds and the need for services.

In the event that a Contract Agreement is attached to the RFQ, such attached Contract Agreement is for discussion purposes only, and not necessarily reflective of any Contract that may be ultimately entered into by the County. In the event that a Contract Agreement is not attached to the RFQ, it is expressly understood that the Board of County Commissioner's (Board's) preference/selection of any proposal does not constitute an award of a Contract Agreement with the County. It is anticipated that subsequent to the Board's preference/selection of any proposal, contract negotiations will follow between the County and the selected Respondent. It is further expressly understood that no contractual relationship exists with the County until a Contract has been executed by both the County and the selected Respondent. The County reserves the right to delete, add to, or modify one or more components of the selected Respondent's proposal in order to accommodate changed or evolving circumstances that the County may have encountered since the issuance of the RFQ.

B. LICENSES, PERMITS & CERTIFICATIONS

The Consultant shall be responsible for acquiring and maintaining any and all necessary licenses, permits, and/or certifications required to perform the work described herein throughout the duration of the Contract. The Consultant shall be solely responsible for paying any and all fines, penalties or fees assessed to the County, or the Consultant, for any lapse in require licenses, permits, or certifications required for any portion of the work.

C. GOVERNING LAWS & REGULATIONS

It shall be the responsibility of the Consultant to be familiar and comply with any and all federal, state, and local laws, ordinances, rules and regulations relevant to the services to be performed under this Contract. The Contract Agreement shall be governed by the laws of the State of Florida and the County both as to interpretation and performance.

D. SUB-CONTRACTORS

Each Respondent shall submit, with his/her RFQ Package, a list of proposed Subcontractors and major materials suppliers to be used if awarded the contract. A copy of **Attachment "2-D", "List of Proposed Subcontractors"**, provided herein shall be used to submit this information with each RFQ Package. Each Respondent shall also provide documentation to fully demonstrate the qualifications of any and all proposed subcontractors and that they have sufficient and relevant experience and credentials to perform the services described herein. This information shall be provided in the form of resumes of all subcontractors including any and all licenses/certifications held, education and experience related information for each subcontractor. If no Subcontractors or major material suppliers are required, so state there on. Any work proposed by the Contractor, that shall be performed by any sub-contractor shall be previously approved by the County, prior to any work being performed.

The County reserves the right to disqualify any Contractor, Subcontractor, Vendor, or material supplier due to previously documented project problems, either with performance or quality.

Subcontractors and other persons and organizations proposed by a respondent and accepted by the County, must be used on the work for which they were proposed and accepted and shall not be changed except with the written approval of the County, prior to a change being made.

E. TERMINATION

Failure on the part of the Consultant to comply with any portion of the duties and obligations under the Contract Agreement shall be cause for termination. If the Consultant fails to perform any aspect of the responsibilities described herein or as designated in an issued Task Order, St. Johns County shall provide written notification stating any and all items of non-compliance. The Consultant shall then have seven (7) consecutive calendar days to correct any and all items of non-compliance. If the items of non-compliance are not corrected, or acceptable corrective action, as approved by the County, has not been taken within the seven (7) consecutive calendar days, the Contract Agreement may be terminated by St. Johns County for cause, upon giving seven (7) consecutive calendar days written notice to the Consultant.

In addition to the above, the County may terminate the Contract Agreement at any time, without cause, upon thirty (30) days written notice to the Consultant.

F. INDEMNIFICATION

To the fullest extent permitted by law, the Consultant shall indemnify and hold harmless St. Johns County, Florida, and employees from and against liability, claims, damages, losses and expenses, including attorney's fees, arising out of or resulting from performance of the Work, provided that such liability, claims, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or injury to or destruction to tangible property (other than the Work itself) including loss of use resulting there from, but only to the extent caused in whole or in part by negligent acts or omissions of the Consultant, a Sub-Consultant, or anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such liability, claim, damage, loss or expense is caused in part by a party indemnified hereunder.

In claims against any person or entity indemnified under this Paragraph by an employee of the Consultant, a Sub-Consultant, any one directly or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation under this Paragraph shall not be limited by a limitation on amount or type of damages, compensation or benefits payable by or for the Consultant or a Sub-Consultant under workers' compensation acts, disability benefits acts or other employee benefit acts.

G. FORCE MAJEURE

If awarded on the basis of this proposal, the undersigned pledges to provide the equipment/services as specified in the Proposal and County Specifications barring any delays due to strikes, fires, transportation difficulties or other causes beyond the control of the undersigned.

PART V: QUALIFICATIONS PACKAGE INSTRUCTIONS & FORMAT

A. RFQ RESPONSE PACKAGING INSTRUCTIONS

All Qualifications Packages received in response to this Request for Qualifications (RFQ) shall become the property of St. Johns County and will not be returned. In the event of contract award, all documentation produced as part of the contract will become the exclusive property of St. Johns County.

By submitting an RFQ Package, each Respondent certifies that the proposer has fully read and understands any and all instructions in the Request for Qualifications, and has full knowledge of the scope, nature, and quality of work to be performed. All RFQ Packages submitted shall be binding for one hundred twenty (120) consecutive calendar days following the submittal due date.

All Qualifications Packages shall be evaluated partially based on the Respondent's ability to sufficiently address and demonstrate all required components provided herein.

The Qualifications Package shall include one (1) hard-copy original document, and one (1) exact electronic PDF copy of the document submitted on a USB Drive. The hard-copy original shall be on 8 ½" X 11" pages, numbered, with headings typewritten with no smaller than size 10 font, and sections/sub-sections identified appropriately. Electronic copies should consist of one (1) complete pdf file and not a series of separate files.

All submitted Qualifications Packages must include, at a minimum, the following components:

Qualifications Cover Page	(Complete and submit)
Qualifications Certification Notarized	(Complete and submit)
Affidavit of Solvency	(Complete and submit)
St. Johns County Affidavit	(Complete and submit)
Conflict of Interest Disclosure Form	(Complete and submit)
Drug-Free Workplace Form	(Complete and submit)
Acknowledged (signed) Addenda	(Complete and submit)

Section 1: Company Qualifications

In this section of the package, firms shall provide evidence that the firm meets or exceeds the minimum qualifications required to be qualified for the provision of the requested services by completing and submitting the following information and attachments:

1-A. Letter of Introduction & Interest

Cover Letter of Introduction & Interest (**limit cover letter to 2 pages**) providing the following: (a) Full legal company name, (b) Physical street address and mailing address if different than street address (include location address of office that will perform the services under this Contract), (c) Primary company phone and fax numbers and email address, (d) Company type, i.e. Corporation, Partnership, etc., (e) Names and titles of principals, (f) Brief statement of company history (date of establishment, number of years in business, number of employees, etc.), (g) Brief description of business philosophy, and (h) Reason for interest in submitting a response to this solicitation.

1-B. Proof of Qualifications

In this section of the package, firms shall provide a list and copies of all current licenses and certifications. Minimum documentation shall be shown by completing and submitting **Attachment "1-B"** – License/Certification List that contains the following:

1. Current and valid State of Florida Business license
2. Current applicable Florida Professional Engineering (PE) License with area of electrical engineering
3. Current applicable certifications

1-C. Certificate of Insurance

In this section, firms shall provide copies of Certificate(s) of Insurance providing evidence of all coverages as specified in Section III above and submitted as **Attachment "1-C"** – Certificates of Insurance.

1-D. Claims, Liens, Litigation History

In this section of the package, firms shall provide a list of all claims, liens and/or litigation history for the past seven (7) years by completing and submitting **Attachment "1-D"** – Claims, Liens, and Litigation History.

Section 2: Qualifications of Staff and Sub-Contractors/Suppliers

In this section of the package, firms shall provide evidence that the firm has qualified and experienced staff and other resources necessary to successfully perform the work required for the project by completing and submitting the following information:

2-A. Company Organization

In this section, firms shall submit a Company Organization Chart reflecting the organization of the firm by submitting **Attachment "2-A"** – Company Organization Chart.

2-B. Project Team Organization

In this section, firms shall provide an overview of the project team, including names, titles, and responsibilities of the proposed team, by submitting **Attachment "2-B"** – Project Team Organization Chart.

2-C. Key Personnel

In this section, firms shall submit evidence of qualified personnel shown on the Project Team Organization Chart who are proposed to perform the scope of work by completing all information and submitting **Attachment "2-C"** – Key Personnel List. The key personnel list shall include any one who will be performing the responsibilities of a project manager, superintendent, foreman, laborer, project administration and any other key position for this project. Brief comprehensive resumes, including any and all licenses/certifications held, should be provided for each staff member listed.

2-D. Proposed Sub-Contractors

In this section, firms shall submit evidence of qualified sub-contractors or major materials suppliers proposed to perform any portion of work specified herein by completing all information and submitting **Attachment "2-D"** – List of Proposed Sub-Contractors. Brief comprehensive resumes, including any and all licenses/certifications held, should be provided for each sub-contractor listed. All proposed subcontractors are subject to approval by the County.

Section 3: Experience with SCADA System Services

In this section of the package, firms shall provide evidence of successful completion, as the lead firm, of three (3) projects in the past three (3) years for SCADA System Services by completing all information and submitting **Attachment "3-A"** – Project Experience. Emphasis should be on projects of comparable size and scope.

Section 4: Project Approach

In this section, firms shall provide a written narrative describing the proposed approach, capabilities, and methods in performing the project services by submitting **Attachment "4-A"** – Project Approach. The narrative must include a detailed work plan that addresses approach and method of how work on the project will be performed. The objective of the work plan is to demonstrate the Respondent's ability to logically plan and complete the project, and the Respondent's ability to successfully deliver any periodic progress reports, final reports, and presentations to the County.

Section 5: Quality & Schedule Control

In this section, firms shall provide a written narrative describing project management methods to establish, monitor and track quality control methods including coordination of sub-contractors and ability to meet schedules (deadlines) in a timely manner by submitting **Attachment "5-A"** – Quality & Schedule Control". The written narrative must also detail the firm's ability to coordinate with county, regional, state, and federal governmental agencies and administration.

Section 6: Schedule and Availability

In this section, firms shall provide a brief narrative of its projected resource availability by listing the nature and extent

of work currently in progress and/or anticipated within the next 12 to 24 months (including private sector if applicable) currently performed by the firm by completing and submitting **Attachment “6-A”** – Project Status Report / Projects In Progress or Anticipated Within Next 12 to 24 Months.

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PART VI: – ATTACHMENTS/FORMS

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

COVER PAGE

**SUBMIT ONE (1) HARD-COPY ORIGINAL
AND ONE (1) EXACT ELECTRONIC PDF COPY ON USB DRIVE TO:**

**PURCHASING DEPARTMENT
ST. JOHNS COUNTY
500 SAN SEBASTIAN VIEW
ST. AUGUSTINE, FLORIDA 32084
ATTN: DIANA M. FYE, CPPB, PROCUREMENT COORDINATOR**

FULL LEGAL NAME OF COMPANY: _____

MAILING ADDRESS: _____

DATE: _____

**CERTIFICATION FOR
RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES**

The Undersigned submits this Qualifications Package to be considered as a Qualified Consultant for the SCADA System Services.

A copy of the license(s) under which our firm is engaged in the business of contracting in the state of Florida is attached. This license was issued in accordance with provisions of Section 489.113, Florida Statutes, and is currently valid and in force.

It is further understood that qualifications, if given, shall be valid for the purpose of submitting rates for the above referenced continuing services contract, unless suspended or terminated by St. Johns County.

The Undersigned authorizes and requests any public official, engineer, architect, Surety Company, bank depository, material or equipment manufacture or distributor or any person, firm or corporation to furnish all information requested by St. Johns County, to verify statements given with this Qualifications Package.

The Undersigned further authorizes the St. Johns County, FL designee to disclose, without any liability whatsoever, any and all information contained in the qualifications package.

The Undersigned has not been disqualified by any public agency in Florida except as indicated below. (If none, insert: "N/A")

(Full Legal Company Name)

This ____ day of _____, 20____

Attest:

APPROVED:

By: _____
Name and Title of Officer

By: _____
Name and Title of Authorized Officer

As Notarized

By: _____

(Corporate Seal)

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

AFFIDAVIT OF SOLVENCY

STATE OF _____)

COUNTY OF _____)

PERTAINING TO THE SOLVENCY OF {insert entity name}, being of lawful age and being duly sworn I, {insert affiant name}, as {insert position or title} (ex. CEO, officer, president, duly authorized representative, etc.) hereby certify under penalty of perjury that:

1. I have reviewed and am familiar with the financial status of above stated entity.
2. The above stated entity possesses adequate capital in relation to its business operations or any contemplated or undertaken transaction to timely pay its debts and liabilities (including, but not limited to, unliquidated liabilities, un-matured liabilities and contingent liabilities) as they become absolute and due.
3. The above stated entity has not, nor intends to, incur any debts and/or liabilities beyond its ability to timely pay such debts and/or liabilities as they become due.
4. I fully understand that failure to make truthful and complete disclosure of any fact or item of information contained herein may result in disqualification or termination for cause by the County of any contract for the services provided pursuant to above referenced RFQ and/or other action(s) authorized by law.

The undersigned has executed this Affidavit of Solvency, in his/her capacity as a duly authorized representative of the above stated entity, and not individually, as of this ___ day of _____, 20__.

Signature of Affiant

STATE OF _____)

COUNTY OF _____)

Subscribed and sworn to before me this _____ day of _____, 20__, by _____ who personally appeared before me at the time of notarization, and who is personally known to me or who has produced _____ as identification.

Notary Public

My commission expires:

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

AFFIDAVIT

TO: ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS
ST. AUGUSTINE, FLORIDA

At the time the proposal is submitted, the Respondent shall attach to his proposal a sworn statement.

The sworn statement shall be an affidavit in the following form, executed by an officer of the firm, association or corporation submitting the proposal and shall be sworn to before a person who is authorized by law to administer oaths.

STATE OF _____ COUNTY OF _____. Before me, the undersigned authority, personally appeared _____ who, being duly sworn, deposes and says he is _____ (Title) of _____ (Firm) the respondent submitting the attached proposal for the services covered by the RFQ documents for RFQ No: 17-79; Request for Qualifications for SCADA System Services.

The affiant further states that no more than one proposal for the above referenced project will be submitted from the individual, his firm or corporation under the same or different name and that such respondent has no financial interest in the firm of another respondent for the same work, that neither he, his firm, association nor corporation has either directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this firm's proposal on the above described project. Furthermore, neither the firm nor any of its officers are debarred from participating in public contract lettings in any other state.

(Proposer)

By _____

(Title)

STATE OF _____)

COUNTY OF _____)

Subscribed and sworn to before me this _____ day of _____, 20____, by _____ who personally appeared before me at the time of notarization, and who is personally known to me or who has produced _____ as identification.

Notary Public

My commission expires:

VENDOR ON ALL COUNTY PROJECTS MUST EXECUTE AND ATTACH THIS AFFIDAVIT TO EACH PROPOSAL.

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS

CONFLICT OF INTEREST DISCLOSURE FORM

The term "conflict of interest" refers to situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting a consultant's/contractor's professional judgment in completing work for the benefit of St. Johns County ("County"). The bias such conflicts could conceivably impart may inappropriately affect the goals, processes, methods of analysis or outcomes desired by the County.

Consultants/Contractors are expected to safeguard their ability to make objective, fair, and impartial decisions when performing work for the benefit of the County. Consultants/Contractors, therefore must there avoid situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting the consultant's/contractor's professional judgement when completing work for the benefit of the County.

The mere appearance of a conflict may be as serious and potentially damaging as an actual distortion of goals, processes, and methods of analysis or outcomes. Reports of conflicts based upon appearances can undermine public trust in ways that may not be adequately restored even when the mitigating facts of a situation are brought to light. Apparent conflicts, therefore, should be disclosed and evaluated with the same vigor as actual conflicts.

It is expressly understood that failure to disclose conflicts of interest as described herein may result in immediate disqualification from evaluation or immediate termination from work for the County.

Please check the appropriate statement:

☐ I hereby attest that the undersigned Respondent has no actual or potential conflict of interest due to any other clients, contracts, or property interests for completing work on the above referenced project.

☐ The undersigned Respondent, by attachment to this form, submits information which may be a potential conflict of interest due to other clients, contracts or property interests for completing work on the above referenced project.

Legal Name of Respondent: _____

Authorized Representative(s):

Signature

Print Name/Title

Signature

Print Name/Title

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS

DRUG-FREE WORKPLACE FORM

The undersigned firm, in accordance with Florida Statute 287.087 hereby certifies that

_____ does:

Name of Firm

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the danger of drug abuse in the workplace, the business' policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, employee assistance programs and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the contractual services that are described in St. Johns County's request for qualifications to provide bond underwriter services a copy of the statement specified in paragraph 1.
4. In the statement specified in paragraph 1, notify the employees that, as a condition of working on the contractual services described in paragraph 3, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Florida Statute 893, as amended, or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction or plea.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.
6. Consistent with applicable provisions with State or Federal law, rule, or regulation, make a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs 1 through 5.

As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.

Signature

Date

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: _____

Attachment "1-A"

LETTER OF INTRODUCTION and INTEREST
(Attach or insert copy here)

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: _____

Attachment "1-B"

LICENSES/CERTIFICATIONS

In the space below, each Respondent shall list all current licenses and/or certifications held relative to the required services as provided herein.

Each Respondent shall attach a copy of each current license and/or certification listed below to his proposal as instructed.

License Name	License #	Issuing Agency	Expiration Date

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: _____

Attachment "1-C"

CERTIFICATES OF INSURANCE

(Attach or insert copy here)

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: _____

Attachment "1-D"
CLAIMS, LIENS, LITIGATION HISTORY
(Complete and Submit)

1. Within the past 7 years, has your organization filed suit or a formal claim against a project owner (as a prime or subcontractor) or been sued by or had a formal claim filed by an owner, subcontractor or supplier resulting from a construction dispute? Yes _____ No _____ If yes, please attach additional sheet(s) to include:

Description of every action Captions of the Litigation or Arbitration

Amount at issue: _____ Name (s) of the attorneys representing all parties:

Amount actually recovered, if any: _____

Name(s) of the project owner(s)/manager(s) to include address and phone number:

2. List all pending litigation and or arbitration.
3. List and explain all litigation and arbitration within the past seven (7) years - pending, resolved, dismissed, etc.
4. Within the past 7 years, please list all Liens, including Federal, State and Local, which have been filed against your Company. List in detail the type of Lien, date, amount and current status of each Lien.

5. Have you ever abandoned a job, been terminated or had a performance/surety bond called to complete a job?

Yes _____ No _____ If yes, please explain in detail:

6. For all claims filed against your company within the past five-(5) years, have all been resolved satisfactorily with final judgment in favor of your company within 90 days of the date the judgment became final? Yes _____ No _____ If no, please explain why? _____

7. List the status of all pending claims currently filed against your company:

Liquidated Damages

1. Has a project owner ever withheld retainage, issued liquidated damages or made a claim against any Performance and Payment Bonds? Yes _____ No _____ If yes, please explain in detail:

(Use additional or supplemental pages as needed)

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: _____

Attachment "2-A"
COMPANY ORGANIZATION CHART
(Attach or insert copy here)

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: _____

Attachment "2-B"
PROJECT TEAM ORGANIZATION CHART
(Attach or insert copy here)

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: _____

Attachment "2-C"

KEY PERSONNEL LIST

In the space below, list all qualified personnel who are permanent employees of the company that may be utilized to perform the required scope of services. Attach brief but comprehensive resumes for each staff member listed below

Employee Name	Employee Title	# Years Employed	Total # Yrs. Experience

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: _____

Attachment "2-D"

LIST OF PROPOSED SUB-CONTRACTORS

Each Respondent shall provide any and all subcontractors or major materials suppliers proposed to perform any portion of work specified herein. Attach Brief comprehensive resumes, including any and all licenses/certifications held. All proposed subcontractors are subject to approval by the County.

DIVISION OF WORK

NAME AND ADDRESS OF SUBCONTRACTORS

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
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_____	_____

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: _____

Attachment "3-A"

PROJECT EXPERIENCE
(Completed within past 3 years)

1. Name of Project: _____

Project Description: _____

Owner Name: _____

Contact Name, Title: _____

Phone # & Email Address: _____

Dollar Value of Project: _____

Completion Date of Project: _____

2. Name of Project: _____

Project Description: _____

Owner Name: _____

Contact Name, Title: _____

Phone # & Email Address: _____

Dollar Value of Project: _____

Completion Date of Project: _____

3. Name of Project: _____

Project Description: _____

Owner Name: _____

Contact Name, Title: _____

Phone # & Email Address: _____

Dollar Value of Project: _____

Completion Date of Project: _____

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: _____

Attachment "4-A"

PROJECT APPROACH
(Attach or insert copy here)

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: _____

Attachment "5-A"

QUALITY & SCHEDULE CONTROL
(Attach or insert copy here)

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: _____

Attachment "6-A"

**PROJECT STATUS REPORT / PROJECTS IN PROGRESS
OR ANTICIPATED WITHIN NEXT 12 TO 24 MONTHS**
(Complete and Submit, include Private Sector Projects)

1. Name of Project: _____

Project Description: _____

Location: _____

Owner Name: _____

Public Sector (Yes or No): _____ Private Sector (Yes or No): _____

Start Date/Anticipated Start Date: _____ Scheduled Completion Date: _____

2. Name of Project: _____

Project Description: _____

Location: _____

Owner Name: _____

Public Sector (Yes or No): _____ Private Sector (Yes or No): _____

Start Date/Anticipated Start Date: _____ Scheduled Completion Date: _____

3. Name of Project: _____

Project Description: _____

Location: _____

Owner Name: _____

Public Sector (Yes or No): _____ Private Sector (Yes or No): _____

Start Date/Anticipated Start Date: _____ Scheduled Completion Date: _____

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

Full Legal Company Name: _____

Attachment "6-A" (Continued)

**PROJECT STATUS REPORT / PROJECTS IN PROGRESS
OR ANTICIPATED WITHIN NEXT 12 TO 24 MONTHS
(Complete and Submit)**

4. Name of Project: _____

Project Description: _____

Location: _____

Owner Name: _____

Public Sector (Yes or No): _____ Private Sector (Yes or No): _____

Start Date/Anticipated Start Date: _____ Scheduled Completion Date: _____

5. Name of Project: _____

Project Description: _____

Location: _____

Owner Name: _____

Public Sector (Yes or No): _____ Private Sector (Yes or No): _____

Start Date/Anticipated Start Date: _____ Scheduled Completion Date: _____

6. Name of Project: _____

Project Description: _____

Location: _____

Owner Name: _____

Public Sector (Yes or No): _____ Private Sector (Yes or No): _____

Start Date/Anticipated Start Date: _____ Scheduled Completion Date: _____

(Use additional or supplemental pages as needed)

PART VIII: OPTIONAL CHECKLIST**RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES**

SECTION	RFQ PACKAGE COMPONENTS	CHECK BOX	ST. JOHNS COUNTY USE
	Qualifications Cover Page		
	Qualifications Certification Notarized		
	Affidavit of Solvency		
	St. Johns County Affidavit		
	Conflict of Interest Disclosure Form		
	Drug-Free Workplace Form		
	Acknowledged (signed) Addenda		
Section 1	Company Qualifications:		
	Attachment "1-A" – Letter of Introduction & Interest		
	Attachment "1-B" – Licenses/Certifications		
	Attachment "1-C" – Certificates of Insurance		
	Attachment "1-D" – Claims, Liens, Litigation History		
Section 2	Qualifications of Staff and Sub-Contractors/Suppliers		
	Attachment "2-A" – Company Organization Chart		
	Attachment "2-B" – Project Team Organization Chart		
	Attachment "2-C" – Key Personnel List		
	Attachment "2-D" – List of Proposed Sub-Contractors		
Section 3	Attachment "3-A" – Project Experience (Completed Past 3 Yrs.)		
Section 4	Attachment "4-A" – Project Approach (Narrative)		
Section 5	Attachment "5-A" – Quality & Schedule Control (Narrative)		
Section 6	Attachment "6-A" – Project Status Report (Projects in Progress)		

PART IX: SEALED RFQ MAILING LABEL

RFQ NO: 17-79 REQUEST FOR QUALIFICATIONS FOR SCADA SYSTEM SERVICES

**Cut along the outer border and affix this label
to your sealed bid envelope to identify it as a
"Sealed RFQ"**

SEALED RFQ • DO NOT OPEN	
SEALED RFQ #:	RFQ 17-79
BID TITLE:	Request for Qualifications for SCADA System Services
DUE DATE/TIME:	Thursday September 21, 2017 No Later Than 4:00 P.M.
SUBMITTED BY:	
	Company Name
	Company Address
	Company Address
DELIVER TO:	St. Johns County Purchasing ATTN: Diana M. Fye, CPPB 500 San Sebastian View St St. Augustine FL 32084



END OF DOCUMENT