

Proposal

Solicitation 465-11670

Instrumentation Control Data Management Services

To:

City of Fort Lauderdale

Procurement Services Division

Attn: Althea Pemsel, Senior Procurement Specialist

100 N. Andrews Avenue, 6th Floor

Fort Lauderdale, FL 33301



REVERE
CONTROL SYSTEMS

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Executive Summary

Today's water/wastewater treatment industry is leveraging automation in ever increasing ways to accommodate tighter treatment regulations and a reduced staffing level. This requires the City to either hire multiple, high salary experts in the field of automation, or partner with a company with that expertise and use those resources on an as needed basis. Partnering with Revere is the solution to this problem. Through this partnership, the City has the opportunity to access highly skilled automation personnel on an as needed basis, providing the City with the expertise they need without the burden of maintaining full time, highly skilled, high salary employees.

A partnership with Revere provides multiple benefits for the City.

- **Experience:** We have been serving the water/wastewater industry for more than 35 years, with our process understanding and automation offerings progressing with the industry and technology.
- **Systems expertise:** We offer programming of programmable logic controllers, operator interface terminals, supervisory control and data acquisition (SCADA) software, database software and reporting software, all married with our process knowledge. A highly skilled group of over 160 people, including 55 degreed engineers stand by to assist the City with any and all of these services.
- **IIT/Networking expertise:** Since today's automation systems are so heavily networked, we have developed an internal industrial information technology group focused on the networking and security components of today's systems.
- **Professional services performance:** As evidenced by our long-standing support contract with the City's neighboring municipality, the City of Sunrise, providing the same turnkey services sought by Fort Lauderdale, we have demonstrated our ability to assist the City with this contract. We currently provide installation of instrumentation, panel modifications, annual calibrations, systems troubleshooting, network services, SCADA and PLC services, among others. We are on the second contract with the City of Sunrise, and they have chosen to renew the optional years at every opportunity, indicating a satisfied client.

In addition to the services described above, we also offer control panel engineering and production in our UL 508 certified panel shop, field equipment engineering and calibration services, and fiber optic network engineering, installation, and certification services.

Business Entity

We are a privately held corporation founded in 1980. Key executives are as follows:

Robert Adams, President
David Paden, COO
Brenda Holleman, CFO
Greg Graves, Vice President of Sales & Marketing
Rick Braddock, Vice President of Procurement & Asset Management



The headquarters campus in Birmingham, AL, consists of four buildings housing 65,000 square feet of engineering, production, and administrative office space

We are headquartered in a 65,000 square foot home office/production facility in Birmingham, AL. In order to provide better response time to our customer base, we have located engineering/programming/service offices throughout the Southeast, including Lakeland, FL, Charlotte, NC, Texarkana, TX, and Chattanooga, TN.

Lakeland, FL will be the primary office serving the City of Ft Lauderdale. This office is staffed by five engineering/programming personnel, one project manager and one service technician, as well as administrative staff. Qualifications for that staff are three graduate engineers, one professional engineer, one project manager, and one International Society of Automation Certified Control System Technician. Skill sets

for the local personnel include water/wastewater plant control systems, collection/distribution control systems and full construction project design, construction, commissioning and management. Our other offices provide additional staffing and expertise to fill in any gaps in the expertise offered in the Lakeland office, in order to provide the level of support required by the City.

We look forward to establishing a partnership with the City, and stand ready to support the City in their efforts to update and maintain their automation systems. Our dedicated staff is ready work with the City personnel to plan, design, install and commission any desired updates, while assisting with troubleshooting and maintenance of the existing systems.

Experience and Qualifications

We are an engineering, procurement and construction firm, specializing in the field of automation, with a primary focus in the water/wastewater treatment industry. We were founded in 1980, and the firm is privately held. We perform approximately \$40,000,000.00 per year in work, and can execute single projects over \$6,000,000.00. Our bonding capacity is \$10,000,000.00 for a single project, with an aggregate of \$20,000,000.00. We maintain a full complement of insurance as required by our clients.

Our main office is in Birmingham, AL, with engineering and service offices in Lakeland, FL, Charlotte, NC, Chattanooga, TN, and Texarkana, TX. The main office is over 65,000 square feet of production, testing, training and office space. The production portion of the facility is 35,000 square feet, and is certified by Underwriters Laboratories to produce control panels with a UL508 certification for custom industrial control panels, as well as the UL698 certification for control panels for hazardous locations. The main office also houses our corporate executives, our training facilities, and approximately half of our engineering and programming staff. In order to be more responsive to our client base throughout the southeastern United States, the remainder of our technical staff is located in our satellite offices, allowing them to be more closely connected to our clients and associated projects.

Our qualifications include the required business licenses for all areas where we perform work, professional engineering staff, as well as authorizations to perform as a consultant in twenty-one states where we have professional engineers. We are a certified member of the Control Systems Integrators Association, the premier automation certification organization.

As a company, and our engineering/programming staff, we have experience, certifications and/or training for the following HMI software platforms: GE IFX, Schneider Electric Wonderware, Rockwell Automation FactoryTalk, Schneider Electric Citect, Trihedral VTSCADA, Iconics Genesis, and Emerson OpenEnterprise. We also have experience and training with the following PLC platforms: Allen-Bradley, Schneider Electric Modicon, GE Automation, Motorola, and Emerson ControlWave. In order to support the increasingly complex networking requirements for today's automation systems, we maintain an industrial information technology group, complete with Microsoft System Engineer certifications, as well as Cisco Industrial Networking and Network Associate certifications, among others.

Firm's Ability to Meet Time & Budget Requirements

We have established a project management office structure based on the Project Management Institute (PMI) standards and procedures as they apply to the systems integration business. We have established procedures, forms, and tools that allow us to be effective in our project management activities.

Our project manager serves as the main point of contact to the City throughout the life of the project. The project manager works with the team members to prepare a defined scope of work and estimate to meet the City's request.

It is also the project manager's responsibility to develop and maintain a schedule of work activities for a project with input from project team members. We use Microsoft Project to develop and

update schedule activities. The City 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. The project manager provides monthly updates to the City for scheduled work activities, progress made to date, and work planned for the following month.

The project manager is responsible for monitoring and controlling the project or task budgets. Our executive management team uses several methods and tools to support the project manager with this effort, including a monthly meeting to review the project costs recognized to date and to outline the forecasted costs to complete remaining tasks. As part of this review, the schedule or remaining project duration is included to determine if the assigned personnel have adequate time to complete the tasks or if additional personnel should be allocated to support the project team in order to meet the schedule commitments.

We have proven to be successful in meeting time and budget requirements on projects and services where we report directly with municipalities using the procedures and tools referenced above.

Proposed Project Team and Organization



Resumes for the proposed project team are provided at the end of this section.

Examples of Current and Past Performance

Below are examples of our past/current performance of projects similar in size and scope to the City's. Full project details and references are provided in the References section of this document.

City of Sunrise, Florida

Description of Services Provided

We provide professional services for the configuration, maintenance, repair and replacements, diagnostics, administration, programming, upgrades, documentation and training for the City's SCADA control system. The services are provided for multiple water and wastewater treatment plants, wells, lift stations, and pump stations. Work is performed based on work orders issued by the City, and a scope of work is prepared along with a time and expense estimate for approval by the City prior to proceeding with the work. We also provide timely and comprehensive emergency response to failures for the covered systems.

We have provided network support services to the Utilities Department for the SCADA control system as well as the City's Management Information Systems (MIS) Department as it interfaces with the SCADA control system and for monitoring tools of the City's overall network. As part of this support effort, we have implemented the use of CPWE and ICS-CERT best practices based on the procedures and guidelines provided by the City.

City of West Palm Beach, Florida

Description of Services Provided

We provide professional services for the configuration, maintenance, repair and replacements, diagnostics, administration, programming, upgrades, documentation and training for the City's SCADA control system. Services are provided for the City's water treatment plant, a well, and a number of pumping stations. Work is performed based on work orders issued by the City, and a scope of work is prepared along with a time and expense estimate for approval by the City prior to proceeding with the work. We also provide timely and comprehensive emergency response to failures for the covered systems.

City of Auburn, Alabama

Description of Services Provided

We have provided professional services for the City of Auburn's supervisory control and data acquisition (SCADA) System including the water and wastewater Systems. Services include configuration, maintenance, troubleshooting, diagnostics, programming, upgrades, documentation and training. Additionally, Revere provides Emergency Support services as required by the City of Auburn.

We have worked with the City of Auburn to design, implement and commission a SCADA control system for the H.C. Morgan Water Pollution Control Facility and its supporting facilities, as well as the James Estes Water Treatment Plant. This includes the provision of various field instrumentation devices, PLC control panels and network infrastructure. Services required to implement and commission these systems include PLC programming, HMI configuration, termination/testing of the network cable systems, factory testing, field testing and commissioning as well as customer training.

Commitment to Conservation

Recycling of paper and cardboard is our primary environmental program. Every office has a recycle bin for paper, and a larger bin is located adjacent to every printer. We also have a dumpster dedicated to recycling cardboard. Other recycling activities involve batteries and wire scraps. Replacement of fluorescent lighting with greener LED lighting is an ongoing program implemented fixture by fixture as existing elements burn out.

Minority/Women (M/WBE) Participation

We most often function as a first-tier or second-tier subcontractor, allowing us minimal opportunity to engage M/WBE firms as subcontractors. On projects where we have been the prime consultant/contractor, we have run workshops prior to the proposal assisting M/WBE consultants/contractors with project understanding, providing plans and specifications, as well as estimating assistance. During the term of this contract, our project manager will meet quarterly with the City's M/WBE department, review the upcoming tasks the City has listed, and determine which tasks fit qualified M/WBE firms that can be engaged. Our project manager will then work with those firms in order to get them on board to assist in accomplishing those tasks.

We typically do not self-perform heavy electrical consulting, and we use Electrical Design Associates (EDA) as a subconsultant for that type of work. They are currently on our subconsultant/subcontractor list for this work, and they are a State of Florida Certified WBE. This firm's SF254 and WBE certification are provided in Section 6.

Project Management

Joseph Didona
Project Manager
Lakeland Office



Industry

- Y cvgt"("Y cuvgy cvgt"

Experience

- Lqkpgf "Tgxgtg'EqpvtqniU{uvgo u'lp"4236"
- Tgur qpukdkkku'kpenwf g<"Qxgtuki j v'qh'cm'cur gew'qh'r tqlgew'd{ 'r rcpplpi ."gz gewlpi ."
- o qpkqtkpi ."eqpvtqni" cpi "enqkpi "r tqlgewu'q's wcrk\ "ucpfc tf u'y kj lp"ewuqo gt"
- gxr gev'kpu"cpf "eqo r cp{ "qdlgev'xgu0
- Rtgxkqu"gzr gtlgpeg<"42" { gctu'qh'gzr gtlgpeg'lp"eqputwv'kq'r tqlgev'o cpci go gpv'r tqlgev'
- ko r ngo gpv'kq'lp'y g"Y cvgt"("Y cuvgy cvgt"Kpf wut {
- Rtqlgev'O cpci go gpv'Vqqn<"Rtko cxgtc."Rtqlgev'Rcpplpi "cpf "Dwf i gkpi "
- Unkm<"Uwdeqvtcevqt "Eqqtf kpcv'kq."Uej gf wlpki ."TkmiO cpci go gpv"

Specialty Areas

- Rtqlgev'O cpci go gpv"
- Rtqewt go gpv.'Gs wkr o gpv'cpf "Uctwr "Eqqtf kpcv'kq"
- Rtgr ctgf "cpf "P gi qkcv'gf "Uwdeqvtcew"
- Ukg"Y qtniRcpplpi "cpf "O cpci go gpv"

Training/Certification

- QUI C"52/j qwt"eqwtug"

Education

- Dcej gmt"qh'Uekpeg'lp'O gej cplecniGpi kpggtkpi *DUO G+."Wpkgtuk\ "qh'Egpvtcn'Hqtkf c"

Engineering

Dan Kistner
Project Specialist II
Lakeland Office



Industry

- Y cvgt"("Y cuvy cvgt"
- "

Experience

- Lqlkpgf "Tgxgtg'EqpvtniU{ ugo u'lp"4236"
- Tgur qpuklrlkglu'lpnwf g'eqpvtniU{ ugo u'f guki p."
- r tqi tco o lpi . "vgu'kpi . 'ko r ngo gpvcv'ap. 'cpf "ugt'x'k'eg
- Rt'gx'k'q'w'g'z'r g't'k'p'eg'<"9- "{ gctu'RNE" 'cpf "J O K'r tqi tco o lpi 'lp"o w'p'k'r c'n'c'p'f 'l'p'f w'ut'k'n' g'p'x'k'q'p'o g'p'w'"
- J O K'U'EC'F' C'<" Y q'p'f g't'y c't'g' 'C't'e'j g'ut' C. "V't'k'j g'f t'c'n'X'V'U. "T'q'eny g'm' 'H'c'e'v'q't { "V'c'm'X'l'g'y ."
- O c'r r'g. "K'k'z" " " "
- E'q'o o w'p'k'e'c'v'k'p'u'<" G'y g't'p'g'v. "O q'f d'w'u. "C'p'e'm'j 'I'F' k'i k'e'n' 'T'c'f' l'q'"
- R'N'E'<" O q'w't'q'r. "C'm'g'p' /D't'c'f' n'f . "O q'f k'e'q'p. "C'w'q'o c'v'k'q'p' "F' k't' g'e'v'"
- K'p'ut' w'o g'p'v'c'v'k'p'<" H'r'q'y . "N'g'x'g'n' "R't' g'u'w't'g. "V'g'o r g't'c'w't'g'"
- F' t'k'x'g'u'<" U'e'j p'g'k'f' g't" " "
- Q'y g't'<" H'k'g'f' "U'c't'w'r u. "P' g'y "E'q'p'e'g'r v'F' g'x'g'n'r o g'p'v'"

Specialty Areas

- RNE "Rtqi tco o lpi "
- J O KF gxgnr o gpv"
- Vtqwdrguj qqv'kpi "
- "

Training/Certification/Memberships

- Y q'p'f g't'y c't'g' "U{ ugo "R'r'v'q't'o "E'g't'v'k'g'f "F' g'x'g'n'r g't"
- V't'k'j g'f t'c'n'X'V'U' 'C'f' x'c'p'eg'f "R't'q'i t'c'o o l'p'i "c'p'f "U'e't'k'r v'k'p'i "
- "

Education

- G'r'g'e'v't'k'e'c'n'G'p'i k'p'g'g't'k'p'i "E'w't't'l'e'w'w'o . "W'p'k'x'g't'u'k'f { "q'h' "E'g'p'v't'c'n'H'r'q't'k'f' c. "Q't'r'c'p'f' q'"
- F' k'i k'e'n' 'O' g'f' k'e' "E'w't't'l'e'w'w'o . "R'q'm'i'U'c'v'g' "E'q'm'g'i g. "Y' k'p'v'g't' "J' c'x'g'p. "H'N"

Engineering

Dan Herston
 Senior Project Specialist
 Florida Region



Industry

- Y cvgt"("Y cuvy cvgt"

Experience

- Lqlkpgf "Tgxgtg'EqpvtqniU{ uogo u'lp"42340'
- Tgur qpukdkkkgu'kpenwf g<"'eqpvtqni'u{ uogo u'f guli p. 'r tqi tco o kpi ."
- Rtgxkqwu'gzr gtlkpeg<"'8"{ gctu'cu'U0Rtqi tco o gt.": "{ gctu'cu'Eqpvtqni'Gpi kpggt."3"{ gct'cu' Cr r rlecvkqpu'Gpi kpggt
- J O KUECF C<" kHKZ."Y kpEE."RcpgnXlgy "Rnu."EKVgev."Y qpf gty ctg."TUXlgy ."XVU"
- Eqo o wplecvkqpu<"Rtqhdwu/F RIRC."RtqhkP GV."Kpf wutkcn'Gyj gtpgv."O qf dwuVER."O qf dwu- ."
- RNE<" Ugo gpu"U9IVK27 l627IU7."CD'TUNqi kz7222I7."O qf leqp'Eqpegr vIRtqy qtz54."I G" ; 2/52IUgtkgu3."O qvtqr:"CEG5822"
- F tkxgu<" CDD."Ugo gpu."I G."CD."O ci pgvgm"Us wctgF "
- Kputwo gpvcvkqpu<" G- J ."Ugo gpu."Tqugo qwpv."J cej ."Hqzdtq"
- Qyj gt<" r tqegu'eqpvtqn'r qy gt"cpf "o qvkq."dwtpgt'uchgv "

Specialty Areas

- Rtqi tco o kpi "
- F qewo gpvcvkqpu"
- Vtcklpi "

Training/Certification/Memberships

- kHKZ"Hwpf co gpvcnu'376C"Vtcklpi ""
- Cf xcpegf "kHKZ" F gxgmr o gpv'476"Vtcklpi "
- CDD'CEJ 622"Xctkdn'Hgswpe{ "F tkxg"Vtcklpi ""
- Ugo gpu'Uko qtgi "F E" F tkxg"Vtcklpi ""
- Egtvklgf "RtqhkP GV"Gpi kpggt""

Education

- Kphqto cvkqpu'Vgej pqmi { "cpf "Grgvtpkleu'Vgej pqmi { "ewttlewnwo "cv'Uj qcnu'Eqo o wplkv "
- Eqmgi g."O wueng"Uj qcnu."Crdco c"
- I tcr j leu'F guli p'ewttlewnwo "cv'Kpf kcp"Tkxgt"Ucv'Eqmgi g."HqtvRkgtg."Hqtkf c"

Engineering

Bob Fair
Senior Project Engineer
Florida Region



Industry

- Y cvgt"("Y cuvy cvgt"
- "

Experience

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- J O KUEFC C< " Y qpf gty ctg. 'Hkz. 'Ekge="Vtkj gf tcn="O cr rg"U{ uvg o u" QKv" "
- Eqo o wplecvkpu<"Gj gtpgv'pgy qtnkpi "
- RNE<" Rtqi tco o gf "O qvtr' 'CEG"cpf "N'Rtqegu"tu. 'O qvtr' 'HKW'cpf "Tgo qvg"TVW" r tgeguu. 'Cngp"Dtcf n' "O letqmi ke. "UNE."cpf "Eqpvtqmi kz. 'O qf kqp"Eqo r cev'cpf " S wcpwo . 'Cwqo cvkqp"F ktgev. 'Us wctg"F "U{ lo cz. "cpf "Huej gt"("Rqtvg"O letqf E KJ "
- F tkgu<" Cngp"Dtcf rg{ "cpf "eqppge'v'kv{ "v"Eqpvtqmi kz "xk"Eqpvtqni'pgv"
- Qj gt<" RNE IUEFC C"Uvtwr . 'Qr gtcvqt"cpf "vgej plecni'v'ckkpi "

Specialty Areas

- UECFC"cpf "RNE"Rtqi tco o kpi "
- Rrcpv'Ugs wpeg"qh"Qr gtcvqp"O cpwcu. "cpf "v'ckkpi 0"

Education

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Engineering

Alan Long
Project Engineer I
Birmingham Office



Industry

É Y cvgt "("Y cvgy cvgt"
"

Experience

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r tqi tco o kpi ."vgukpi ."ko r ngo gpwvqp."cpf "ugtXleg

É J O KUECF C<"Rcpgrkgy /Rnu."Tgf "Nkqp"l 5"Ugtkgu"" "

É Ego o wplecvkpu<"Gyj gtpgv"

É RNE<" Cmgp"Dtcf rg{ "Ego r cevNqi kz "cpf "EqvtqnlNqi kz."Ukgo gpu"UKO CVKE."O qvqtqr<"
CEG5822" "

É F tkxgu<" Cmgp"Dtcf rg{ ."Uej pgkf gt"

É Qyj gt<" TUNqi kz."Hcevqt { Vcm"O U'Qhleg"

"

Specialty Areas

É EqvtqnlRcpgrlF guki p"

É RNE IQK' Rtqi tco o kpi "

É Hcevqt { "Vgukpi "

Training/Certification/Memberships

É Tgxgtg'Eq/qr "Rtqi tco "

É Tgxgtg'kpvgtpuj kr "Rtqi tco "

"

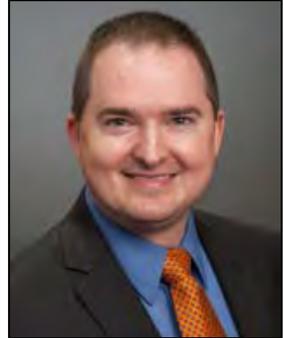
Education

É DGG."Cwdwtp"Wpkxgtuk{ ."Cwdwtp."Crdco c"

"

Information Technology

Marc Handley
 Information Technology Director
 Birmingham Office



Experience

- Lqkpgf "Tgxgtg"Eqpvtqn"U{ vngo u'kp"Ugr vgo dgt "4228"
- Tgur qpukdkkkgu'kpenmf g-<P gy qtnl'cpf "y gdukg'f guki p."ugewtkf "cpcnf uku." Ugtxgt "kpucm'vqp"cpf "w i tef gu."cf o kpkutcvqp."qr vko k cvqp."cpf "u{ vngo " o ckpvgpcpeg=qxgtuki j v'ht "vgej pqmji { "hqt"vj g'eqo r cp{ "cpf "KV" F gr ctvo gpv"
- Rtgxkqwu'gZR gtkepeg-<"Rtkqt"vq'lqkpkpi "Tgxgtg."O cte"j cu'9" { gctu'r t'gxkqwu" gZR gtkepeg."kpenmf kpi "vj g'f guki p"cpf "ko r ngo gpvcvqp"qh'eqpxgtvki "htqo "c" P qxgm'vq "O letquqh'P gy qtm=eqpxgtvki "I tqwr Y kug"vq "O U'Gzej cpi g'hqt"go ckn=kpucm'vqp"cpf " o ckpvgpcpeg"qh'Ur co "cpf "k'vgtpgv'Hkngtu=kpucm'vqp"qh'pgy qtm'cr r rkecvkpu."US N'Ugtxgt."dcemw " tqwkpgu"cpf "ko r ngo gpvcvqp=r tqxkukqp"qh'qp/ukg"vgej plecn'uw r qt v'ht "ewuqo gtu'kpenmf kpi " vtqwdrguj qqvki "cpf "tgr ck"qh'cm'v{ r gu'qh'pgy qtmkpi "gs vkr o gpv=kpucm'vqp."vgo kpcvqp"cpf "vgukpi " qh'pgy qtm'ecdkpi "r tqlgew
- Qvj gt'lpf wut { "gZR gtkepeg-<" Kphqto cvkqp"Vgej pqmji { ."Gf wecvkqp."Ucvg"cpf "Nqeci'I qxgtpo gpv
- Eqo o wplecvkpu-< "NCP IY CP ."Y kpf qy u'4222."ZR."9." : ."32."O U'Ugtxgt"4222."4225."422: ."4234." Nc{ gt "4"cpf "5" f gxkgu."Y k'grguu'kphctutwewtg."VERIR"
- F cvdcug-< "US N'Ugtxgt"9."4222."4227."422: "
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- Rtqi tco o kpi "Ncpi wci gu-<" "Lxc."Xkwni'Dcule"Uetkr vki . "RJ R"

Specialty Areas

- O U'Ugtxgt"Ctej kgewtg."Ugtxgt"4222."4225."422: ."Gzej cpi g"4225."4229."4232"
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- P gy qtm' Cf o kpkutcvqp"

Training/Certification/Memberships

- O letquqh'Egt v'k'kf "Kphqto cvkqp"Vgej pqmji { "Rtqhgukqpcn"O EKVR+"
- O letquqh'Egt v'k'kf "Vgej pqmji { "Ur gekcrkuu"O EVU+"
- O letquqh'Egt v'k'kf "U{ vngo u'Gpi kpggt"O EUG+"
- O letquqh'Egt v'k'kf "U{ vngo u' Cf o kpkutcvqt"y kj "O guuci kpi "O EUCO +
- O letquqh'Egt v'k'kf "U{ vngo u' Cf o kpkutcvqt"O EUC+"
- O letquqh'P gy qtm'Rtqf wv'Ur gekcrkuu"O EP RU+"
- O letquqh'Egt v'k'kf "Rtqf wv'Ur gekcrkuu"O ERU+"
- O letquqh'Egt v'k'kf "Rtqhgukqpcn"O ER+"
- O kntqkmi'Egt v'k'kf "P gy qtm'Cuqekv"O VEP C+"
- Wdks v'k'k' Ckto cz "Egt v'k'kf "Cf o kpkutcvqt"O WCE+"
- Uwp'Egt v'k'kf "Lxc"Rtqi tco o gt"O UEIR+"
- Dcttcwfc"PI "Hkgy cm'Egt v'k'kf "Ugewtkf "Gpi kpggt
- Ekueq"KO R U'6"Ekueq'Egt v'k'kf "Kpf wutkcn" P gy qtmkpi "Ur gekcrkuu"

Education

- O cpci go gpv'kphqto cvkqp"U{ vngo u'ewt'lewno ."Cwdwtp"Wpkxgtukf ."Cwdwtp."C'rdco c"

Information Technology

Christopher Roberts
Senior Technology Solutions Architect
Birmingham, Alabama



Experience

- Lqkpgf "Tgxgtg'EqpvqniU{ uvgu u'lp "4238"
- Tgur qpukdkkkgu'kpenwf g<"P gvy qtni'cpf "ugewtkv{ "f guki p'hqt "kpf wutkcn' P gvy qtni'pi . "P gvy qtni'cf o kpkutcvkqp IO ckpvpcpeg. "Ugtxgt" Cf o kpkutcvkqp IO ckpvpcpeg. "kpvgtpci'cpf "gzvgtpci'endkpv'uwr r qtv
- Rtgxkqwu'gzr gtlkpeg<"37" { gctu'qh'gzr gtlkpeg'cu'cp'cf o kpkutcvqt'cpf "equuwn'cpv'uwr r qt'kpi " pgy qtni. "ugt'xgtu. "cpf "kV" kph'cutwewtg
- Qvj gt'kpf wut { "gzr gtlkpeg<"kph'cto cvkqp "Vgej pqmji { . "kpf wutkcn'Vgej pqmji { . "Nqecn' I qxgtpo gpv*"O wplekr crkkgu+"

"

Specialty Areas

- P gvy qtni'F guki p'ICtej kgewtg"
- P gvy qtni'Ugewtkv{ "
- P gvy qtni'kph'cutwewtg" Tqwtg"cpf "Uy kej 'Eqphki wtcv'kqp"cpf "k r ngo gpvc'kqp"
- Rj { ulecn'cpf "Xktwcn'Ugtxgt' Ctej kgewtg"cpf "Eqphki wtcv'kqp"
- Cevkxg'F k'gevt { "k r ngo gpvc'kqp"cpf "O ckpvpcpeg"
- XO Y ctg'Ugtxgt'O ki tv'kqp"cpf "O ckpvpcpeg"
- F cvdcug'O cpci go gpv<"US N'4227422: "Gpvtr tkug"cpf "Uc'p'ctf "Gf k'kqpu"
- Tgo qvg'f gumqr IVgto kpcn'Ugtx'k'egu'cpf "Ektkz"

"

Training/Certification/Memberships

- XO Y ctg'Egt'v'k'gf "Cuuqek'cv*"XEC+"
- Ekueq'Egt'v'k'gf "P gvy qtni' Cuuqek'cv*"EEP C+"

"

Education

- Gpi kpggtkpi 'E wtt'k'w'no . "Cwdwtp" Wpk'xgt'ukv{ "

"

Information Technology

Jason Johanneson
Network Administrator
Birmingham Office



Experience

- Lqkpgf "Tgxgtg'Eqvtqn"U{ uvgo u"lp"4233"
- T gur qpukdkkkgu'lpemf g<"P gy qtn'cf o kpkntcvkp lo kpvpcpeg."ugtugt" o kpvpcpeg."y gd'ukg'f gxgr o gpvlo kpvpcpeg."ugtugt"cf o kpkntcvkp." enkgp'uvw r qtv*"kpgt pcn'cpf "gzvgt pcn'enkgpu+
- Rt gxkqu'gzr gtlkpeg<4"{ gctu'cu'c'ukpi ng'ugcv'KW"Cf o kpkntcvqt'uvw r qt kpi "o wnr ng'ugtugu" *f qo kpv'eqvtqn "hrg."r tlpv."cr r necvqp."XqR+."r tlpvgtu."cpf "gpf "wugtu0"
- Ncpi wci gu<J VON."EUU"

"

Specialty Areas

- P gy qtn'cf o kpkntcvkp"o'Hkgy cmu."Tqwggu."Uy kej gu."gve0'
- Y kpf qy u"Ugtugt"cf o kpkntcvkp"o'CF."I R."F P U."F J ER."TF U."gve0'
- Y kpf qy u"4222ZR422519422: 42341: "

"

Training/Certification/Memberships

- EEP C"o'Ekeq'Egt whgf "P gy qtn'Cuqekcvg"
- Ekeq"Kpf wntkriP gy qtn'pi "Ur gekrkuv*"Ekeq"KO R U+"
- O letquqlv'Egt whgf "Rt qhgukqpcn*"O ER+"
- O kntqwn'Egt whgf "P gy qtn'Cuqekcvg*"O VEP C+"
- O kntqwn'Egt whgf "Tqwkpi "Gpi kpggt*"O VETG+"
- O kntqwn'Egt whgf "Y ktgruu'Gpi kpggt*"O VEY G+"
- O kntqwn'Egt whgf "Vtchle'Eqvtqn'Gpi kpggt*"O VEVEG+"
- Wdks wkk'ckO CZ "Egt whgf "*"WCE+"

"

Education

- DU"lp"Kp hqto cvkqp"Ugewtkv{ "U{ uvgo u."KV"Vgej plecn'Kpukwng."Dguugo gt."Crcdco c

"

After Market Services/Field Services

Steven Hawkins
Director of Field Services
Nationals



Industry

- Y cvgt"("Y cuvg cygt"
- Hqpf "cpf "Dgxgtci g"
- Rqy gt "I gpgtcvkqp"
- Kpf wwtkcn'
- "

Experience

- Lqkpgf "Tgxgtg'EqpvtqniU{ uvg o u'kp"4237"
- T gur qpukdkkkgu'kpenmf g<"o cpci kpi "Hkgrf "Qr gtcvkqpu'kpenmf kpi "s wqkpi ."uej gf wtkpi " f gxgnqr kpi "ueqr g'qh'y qtm"cuuki pki "tguqwtegu."hkpcn'tgr qt vki ."cpf "f k gcvkpi "vj g'cvkxkkgu'qh" vj g'Hkgrf "Ugtxlegu"f gr ctwo gpv="hwpevkqpkpi "cu'c"ewuqo gt "cf xqecvg"q"cuuwtg"ewuqo gt " ucvkucvkqp
- Rt gxkqwu"gzr gtlkpeg<"47"l gctu"qh'gzr gtlkpeg'kp'Grgvtekcni'Gpi kpggtkpi ."Cwqo cvkqp." Eqpvtqni."Kpf wwtkcn'Uqhy ctg."Kpf wwtkcn'P gy qtmu."Eqo o kuukqpkpi ."Hkgrf "Ugtxlegu."rgcf kpi " qti cpk cvkqpu'cpf "f grkxgtkpi "j ki j "rgxgnu'qh'ewuqo gt "ucvkucvkqp
- "

" **Specialty Areas**

- Hkgrf "Ugtxlegu"
- Gpi kpggtkpi "O cpci go gpv"
- Dwukpguu'Wpk'O cpci go gpv"
- Ngcp"Ukz"Uki o c"
- "

Training/Certification/Memberships

- GK/Crcdco c"%GV987; "
- EUC"
- "

Education

- Cwdvtp"Wpkxgtukv{ "ó"Dcej grqt"qh'Grgvtekcni'Gpi kpggtkpi "3; ; ; "
- Hqtlf c"Ucvg"Wpkxgtukv{ "ó"Gzgewkxg'O DC'Egtwkecvg'Rtqi tco "4237"
- "

After Market Service/Field Service

Sam Davis
Field Service Technician
Lakeland Office



Industry

- Y cvgt"("Y cugy cvgt"
- "

Experience

- Lqkpgf "Tgxgtg'EqpvtniU{ ugo u'lp"4237"
- Tgur qpukdkkku'lpnwf g<"lpucm'vqp."uvctwr ."cpf "ugtxleg"qh"eqpvtni" u{ ugo u="vtcklpi "ewuqo gtu'lp"vj g'qr gtcvqp."o ckpvgpcpeg."cpf " vtqwdrguj qqvpi "qh'eqpvtni'u{ ugo u"
- Rtgxkqwu"gzr gtlgpeg<"Qxgt"42"{ gctu"qh"gzr gtlgpeg"lp" c"dtqcf "tapi g"qh"kpwtwo gpvcvqp"cpf "
- J O KUECF C<" Rtqhe{ 'Hkz."Rtqhe{ "J kvqtkcp."Y qpf gty ctg."
- RNE<"Cmgp/Dtcf rg{ "UNE/722."Eqo rcevNqi kz"
- Eqo o wplecvkqpu<"Hdgt"Qr vke."VERIKR"Gj gtpgv."422"cpf "; 22'O J | "Tcf kqu"
- Kpwtwo gpvcvqp<"Hny . "Ngxgn"Rtguwtg."Cpcn{ vkecn'

Specialty Areas

- Hkgrf "Kpwtwo gpvcvqp"
- Y cvgt IY cugy cvgt "Rtqeguul"
- "

Training/Certification/Memberships

- P KO U'KU/52216221922"cpf "Qr gtcvqpu"Ugevqp"Ej kgh'Egt vklecvqp"
- HY REQC "Dcenhny "Vguvgt"Egt vklecvqp"
- "

After Market Services/Field Service

Ross Hammond, CCST
Field Service Technician
Florida Region



Industry

- Y cvgt"("Y cuvgy cvgt"
- Kpf wutkcn'

Experience

- Lqlkpgf "Tgxgtg'Eqpvtqn'U{ uvgu u'lp'4229"
- Tgur qpukdkkkgu'kpenmf g<"kpucmcvkqp.'uvt wr .'cpf "ugt xleg"qh"eqpvtqn'u{ uvgu u="vtckkpi "
- ewuqo gtu'lp'yj g"qr gtcvkqp."o ckpvpcpeg."cpf "tqwdrguj qqvkpi "qh'eqpvtqn'u{ uvgu u="cpf "ucrgu"qh" ugtxleg"eqpvtcev'y qtm'
- Rt gxlqwu'gizr gtlkpeg<"Qxgt '42"{ gctu'gizr gtlkpeg'lp'c"dtqcf "tapi g'qh'gpi kpggtkpi "cpf "uwr r qt v' tqrgu'lp'hcevqt { "cwqo cvkqp.'j wo cp/o cej kpg'kpwthcegu."RNEu."f tkxgu."cpf "kputwo gpcvkqp0"
- J O KIUECF C<" TUXkgy . 'RcpgnXkgy . 'Eko r rlek\{ 'O cej kpg.'Kpf wuqhw.'P go cvtqp.'Z { eqo "
- Eqo o wplecvkqpu<"Kpf wutkcn'Gj gtpgv."TU454.644.6: 7.'TH'Vgrgo gt { .'F J - .'FH'3"
- RNE<" Cmgp/Dtcf rg{ ."Us wctg'F . 'O qf kqp.'I GII G'Hcpwe.'Qo tqp.'O kuwdkuj k"VKUgo gpu."
- Y gukpi j qwug"
- F tkxgu<" CE.'FE'cpf "Ugtxq<"Cmgp/Dtcf rg{ .'I G.'Us wctg'F .'I cuncy c."
- Kputwo gpcvkqp<" Hrqy . 'Ngxgn'Cpcn\ vkcni'

Specialty Areas

- Hkgrf "Ugtxleg"

Training/Certification/Memberships

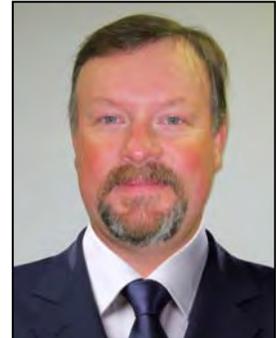
- KC'Ngxgn'KEgtvhlkf "Eqpvtqn'U{ uvgu u'Vgej plekcp.'Egtvhlkcvg"46649."gizr '9444237"

Education

- Cuuqekcvgu'F gi tgg'lp'Grgextqpleu'Vgej pqmji { .'IH'kpi tco "Vgej plecniEqmgi g.'F gcwuxkrg."
- Cncdco c"

After Market Services/Field Service

Ron Prescott, CCST
Field Service Technician
Birmingham Office



Industry

- Y cvgt"("Y cvgy cvgt"
- Kpf wutkcn'
- "

Experience

- Lqlkpgf "Tgxgtg'Eqpvtqn'U{ uogo u'lp"4233"
- Tgur qpukdkkkgu'kpenmf g<"kpuvcmv'kqp.'uvct wr .'cpf "ugt xleg'qh"eqpvtqn' u{ uogo u="vtcklpi "ewuxgo gt u'lp'vj g'qr gtcv'kqp.'o ckpvgpcpeg.'cpf " vtqwdrguj qqv'kpi "qh'eqpvtqn'u{ uogo u="cpf "ucrgu'qh'ugt xleg'eqpvtcev'y qtm'
- Rtgxkqwu'gzzr gtlkpeg<"42"l gctu'lp'vj g'Ego o gtekn "Kpf wutkcn'cpf "kpg'y qtn0Nqy .'O gf kwo "
- cpf "J ki j "Xqnci g0
- J O KUECF C<"Y qpf gty ctg"
- Ego o wplecv'kpu<"
- RNE-< Cmgp/Dtcf rg{ .'O qf leqp"
- F tkxgu-< Us wctg'F .'Cmgp/Dtcf rg{ "
- Kputwo gpvc'kqp<"Hqy .'Ngxgn'Rtguwtg.'Cpcn{ v'kcn'

"

Specialty Areas

- Qkrl'cpf "I cu"Kpf wut { "
- Ego o gtekn "Kpf wutkcn'Grgevt'kcn'
- "

"

Training/Certification/Memberships

- KC'Ngxgn'KEgt v'kpf "Eqpvtqn'U{ uogo u"Vgej plekcp.'Egt v'kpcv'P q0322275.'gzzr "9B64239"
- Cmgp/Dtcf rg{ "RNE"Vgej plekcp'Ngxgn'
- QUI C"32"J qwt'Egt v'kpcv'kqp"
- Dkto kpi j co "Grgevt'kcn'Cr r tgpv'leguj kr "Vtcklpi "

"

Education

- Dgxkn'Ucv'g'Ego o wplv{ "Eqmgi g.'Crr rdgf "Uekpeg'Rtqi tco "

After Market Services/Field Service

Jimmy Ormand, CCST
Field Service Technician
Charlotte Office



Industry

- Y cvgt ("Y cvgy cvgt")
- Kpf wutkcn'

Experience

- Lqkpgf "Tgxgtg'EqpvtqnlU{ uvgu u'lp"4234"
- T gur qpukdkkxgu'lpemf g<"kpucm'vqp."uvct wr ."cpf "ugt xleg"qh"eqpvtqnl' u{ uvgu u="vtcklpi "ewuqo gtu'lp"vj g"qr gtcvqp."o ckpvgpcpeg."cpf " vtqwdnguj qqkpi "qh'eqpvtqnl' u{ uvgu u="cpf "ucrgu'qh'ugt xleg"eqpvtcev'y qtnl"
- Rtgxkqu"gzr gtlkpeg< 47" { gctu'lp utwo gpvcvqp"gzr gtlkpeg"lp"o cpw'cewtkpi ."r qy gt."y cvgt" cpf "y cvgy cvgt" hgrf u
- Kputwo gpvcvqp<"Hqzdtq."Tqugo qwpv."Ukgo gpu."J cej "

Specialty Areas

- Hgrf "Ugtxleg"

Training/Certifications

- KC "Ngxgn"KEgt vkgf "EqpvtqnlU{ uvgu u"Vgej plekcp."Egt vkecvg"P q046: 28"

Education

- Cuuqekvgu'F gi tgg'lp"Gpi kpggtkpi "Vgej pqmi { 'y kj "c"o clqt'lp"Eqo r wgt"Gpi kpggtkpi " Vgej pqmi { .[qtnl'Vgej plecnEqmgi g."TqeniJ km"UE
- Cuuqekvgu'F gi tgg'lp"Qeew cvkqpcn'Vgej pqmi { /I gpgtcn'Vgej pqmi { 'y kj "c"o clqt'lp" Kpf wutkcn'Grgextekv\ I Grgextqpleu."[qtnl'Vgej plecnEqmgi g."TqeniJ km"UE



Revere Control Systems

has been audited and conforms to all requirements necessary to be a

CERTIFIED MEMBER

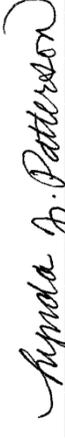
of the

CONTROL SYSTEM INTEGRATORS ASSOCIATION

December 3, 2014 – December 3, 2017


Robert Lowe, CSIA Executive Director

CSIA Member Since: 2000


Lynda Patterson, FASAE, CAE, CSIA President

CSIA Certified Since: 2002



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Proudly Recognizes

Revere Control Systems, Inc.

As a member of the

Solution Provider Program



CERTIFICATE OF AUTHENTICITY

Please keep this certificate in a convenient location. Information provided below is required to access Customer Support via phone and the Internet. For a detailed list of benefits, please refer to your GlobalCare Support Guide

GlobalCare

12220200	Complete
CUSTOMER SERVICE NUMBER (CSN)	COVERAGE TYPE
Revere Control Systems, Inc.	10
COMPANY NAME	LICENSES / UNITS COVERED
2014-11-30	SB00421312
START DATE	SALES ORDER NUMBER

GCCERT04110



Revere Control Systems, Inc.

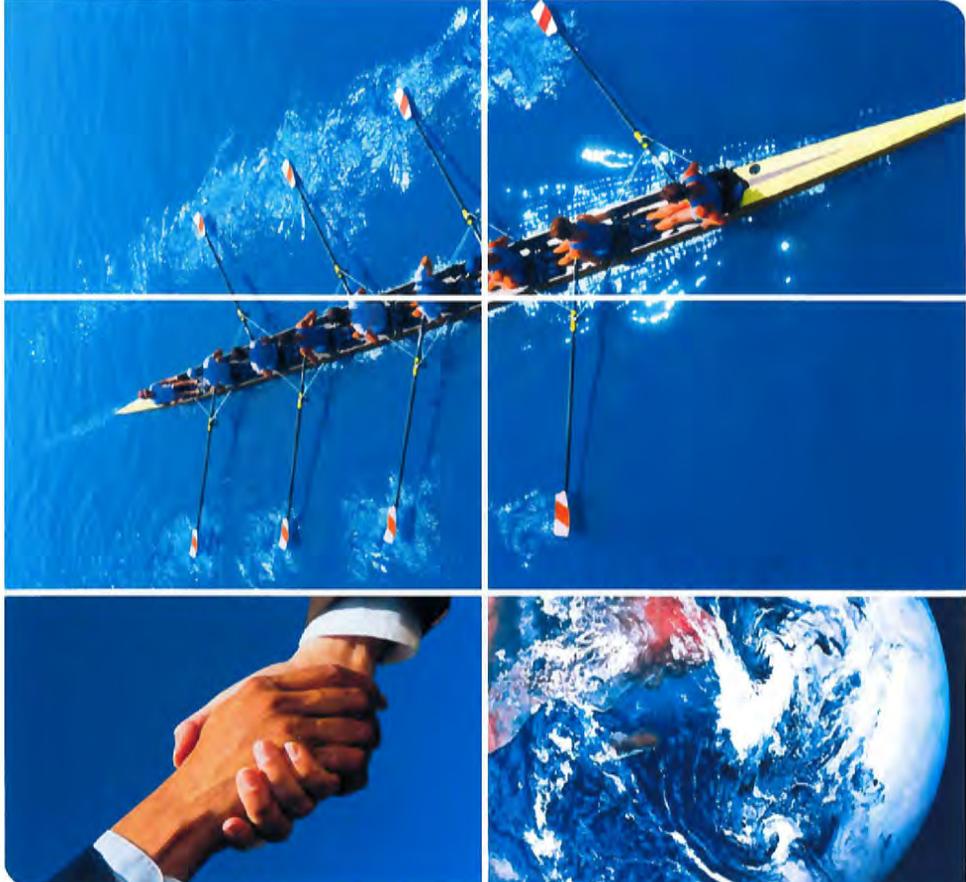
is a Solution Partner in the
Rockwell Automation PartnerNetwork Program

2016 Annual Membership
Control Solutions

A handwritten signature in black ink.

John McDermott
Senior Vice President, Global Sales and Marketing

Rockwell Automation
PartnerNetwork™



Schneider Electric

Partnership Certificate

Revere Control Systems
is a valued
Alliance Solution Partner with **Schneider Electric**

Valid thru
December 31, 2016

Authorised by
Mary McDonald
Vice President, U.S. Sales &
Marketing, Industry Business

Joe Flaviani
U.S. Control Panel Builder Segment Manager,
SI/CPB Solution Partner Program Manager





Corning Optical Communications Network of Preferred Installers

Revere Control Systems

Certified Member 2016 Member in Good Standing

Stuart Hoiness
Senior VP
Enterprise Networks, TCO

Regina McCaughan, Program Manager
Enterprise Networks
Network of Preferred Installers



Search results

You may choose to Refine Your Search.		
Company Name	Category Name	Link to File
REVERE CONTROL SYSTEMS INC	Control Panels and Assemblies for Use in Hazardous Locations	NNNY.E251085
REVERE CONTROL SYSTEMS INC	Control Panels and Assemblies for Use in Hazardous Locations Certified for Canada	NNNY7.E251085
REVERE CONTROL SYSTEMS INC	Industrial Control Panels	NITW.E88854
REVERE CONTROL SYSTEMS INC	Industrial Control Panels Certified for Canada	NITW7.E88854
REVERE CONTROL SYSTEMS INC	Industrial Control Panels Relating to Hazardous Locations	NRBX.E202847
REVERE CONTROL SYSTEMS INC	Industrial Control Panels Relating to Hazardous Locations Certified for Canada	NRBX7.E202847

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.

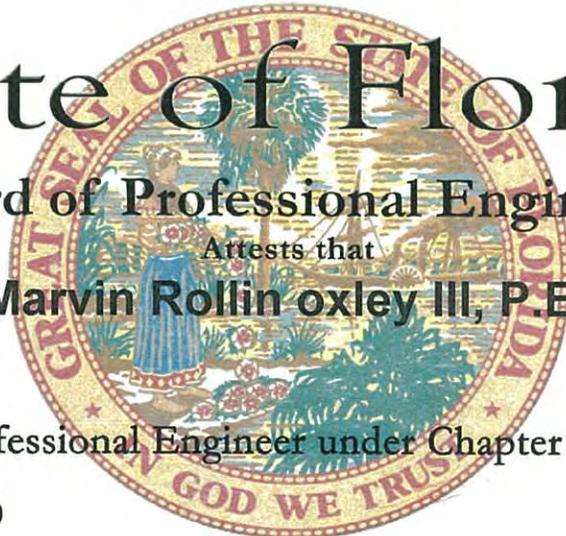
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State of Florida

Board of Professional Engineers

Attests that

Marvin Rollin oxley III, P.E.



FBPE
FLORIDA BOARD OF
PROFESSIONAL ENGINEERS

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

Expiration: **2/28/2017**

Audit No: **228201730780**

P.E. Lic. No:

74167

CAM 17-0102

Exhibit 4

31 of 80



State of 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

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State of Florida

Board of Professional Engineers

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Expiration: 2/28/2017

Audit No: 228201701892

CA Lic. No:

8769

OAM 17 0102

Exhibit 4

32 of 80



Setting the Standard for Automation™

Howard Ross Hammond

is recognized as a Level I

Certified Control Systems Technician® (CCST®)

for demonstrating outstanding knowledge and achievement in the field of instrumentation and control.

Donald W. Cochell

ISA President

24427

Certification #

07/02/2012

valid through





Setting the Standard for Automation™

Ronald W. Prescott
is recognized as a **Level 1**
Certified Control Systems Technician® (CCST®)

for demonstrating outstanding knowledge and achievement in the field of instrumentation and control.

Dr. Leggett H. Faxon

ISA President

100053

Certification Number

07/14/2017

Valid Through



Information Technology Certifications

Ekueq "Tgi kvgtgf "Rct vpgt" "
Uqnty kpf u'Rctvpgt"
O qdqvkz 'P gvy qtniEco gtc'Rctvpgt"
"

O cte'J cpf ngf 'o'Kphqto c vkap'Vgej pqmi { 'Fk gevqt "'

- O EUG'o'O letquqh'Egt vkgf "U{ uvgu u'Gpi kpggt"
- O ERU'o'O letquqh'Egt vkgf "Rtqf wev'Ur gekrkuv"
- O ER'o'O letquqh'Egt vkgf "Rtqhgukqpcn"
- O EUC'o'O letquqh'Egt vkgf "U{ uvgu u'Cfo kpkntcvqt"
- O EUCO 'o'O letquqh'Egt vkgf "U{ uvgu u'Cfo kpkntcvqt 'y kj 'O guuci kpi "
- O EP RU'o'O letquqh'P gvy qtniRtqf wev'Ur gekrkuv"
- O EKR'o'O letquqh'Egt vkgf "Kphqto c vkap'Vgej pqmi { 'Rtqhgukqpcn"
- O EVU'o'O letquqh'Egt vkgf "Vgej pqmi { 'Ur gekrkuv"
- XEC'o'XO Y ctg'Egt vkgf "Cuuqekvg"
- Dcttcewf c'PI 'Hk gy cm'Egt vkgf "Ugewtkv{ 'Gpi kpggt"
- Ekueq 'IO P U'o'Ekueq'Egt vkgf "Kpf wutkri'P gvy qtni'Ur gekrkuv"
- O VEP C'o'O kntqkni'Egt vkgf "P gvy qtni'Cuuqekvg"
- WCE'o'Wdks wkk'ck O CZ 'Egt vkgf "

Lqur j 'Eqqmio'Cuukvcpv'Fk gevqt 'qh'Kphqto c vkap'Vgej pqmi { "

- O EUG'/'O letquqh'Egt vkgf "U{ uvgu u'Gpi kpggt ""
- O ERU'o'O letquqh'Egt vkgf "Rtqf wev'Ur gekrkuv"
- O ER'o'O letquqh'Egt vkgf "Rtqhgukqpcn"
- O EUC'o'O letquqh'Egt vkgf "U{ uvgu u'Cfo kpkntcvqt"
- O EP RU'o'O letquqh'P gvy qtniRtqf wev'Ur gekrkuv"
- O EVU'o'O letquqh'Egt vkgf "Vgej pqmi { 'Ur gekrkuv"
- O VEP C'o'O kntqkni'Egt vkgf "P gvy qtni'Cuuqekvg"
- O VETG'o'O kntqkni'Egt vkgf "Tqwkpi 'Gpi kpggt"
- O VEY G'o'O kntqkni'Egt vkgf "Y ktgruu'Gpi kpggt" "
- O VEVEG'o'O kntqkni'Egt vkgf "Vtchke'Eqpvqni'Gpi kpggt"

Ej tluqr j gt 'Tqdgtau'o'Ugplqt 'Vgej pqmi { 'Uqnvkpu'Ctej kgev'"

- XEC'o'XO Y ctg'Egt vkgf "Cuuqekvg"
- EEP C'o'Ekueq'Egt vkgf "P gvy qtni'Cuuqekvg"

"

"

Lcuqp'Lqj cppguqp'ó'P gy qt nCf o lplm cvqt "

- EEP C'ó'Ekueq'Egt whgf 'P gy qt nC'Cuqekcvg"
- Ekueq'IO P U'ó'Ekueq'Egt whgf "Kf wutkriP gy qt nCpi 'Ur gekrkuv'
- OER'ó'O ketquqh'Egt whgf 'Rtqhguukqpcn'
- O VEP C'ó'O kntqkn'Egt whgf 'P gy qt nC'Cuqekcvg"
- O VETG'ó'O kntqkn'Egt whgf "Tqwkpi 'Gpi kpggt"
- O VEY G'ó'O kntqkn'Egt whgf "Y krguu'Gpi kpggt" "
- O VEVEG'ó'O kntqkn'Egt whgf "Vtchle'Eqvtqri'Gpi kpggt"
- WCE'ó'Wdls wkk'ckt O CZ 'Egt whgf "

TqdgtrvJ cy rgl 'ó'P gy qt nVgej plekp'('Eqo r wgt 'Vgej plekp"

"

"

Approach to Scope of Work

Understanding of City's Needs, Goals, and Objectives–SCADA

It is our understanding the City desires to partner with a qualified company to provide support services for the City of Fort Lauderdale Public Works Department's SCADA and operational control systems. Support services must include configuration, preventative maintenance, enhancements, repairs, replacements, upgrades, diagnostic monitoring, documentation and training.

Due to the complexity and technological advancements involved with SCADA and operational control systems, there is a need for the City to have a high level of confidence in the selected company and team members to provide the required support services. Not only does this include the technical capabilities, but also the level of trust required due to having access to the City's facilities, operations and maintenance personnel and secure areas or systems.

Qualified personnel are needed to provide support services for the following areas of technology:

- Server and client workstations with Microsoft Windows operating systems
- Programmable logic controllers (PLCs)
- Network devices—routers, switches, converters, etc.
- Control equipment—variable frequency drives (VFDs), process controllers, local control panels
- Security equipment – cameras, DVRs
- HMI system software and historical databases including SQL
- Field instrumentation
- Network infrastructure—fiber optic and copper cabling systems, T-1 data links
- Network protocols—Ethernet, Fieldbus
- Wireless communications—radios, antennas, cabling

The following types of support services will be provided to achieve the City's objectives.

- Network system maintenance, troubleshooting and configuration
- Preventative maintenance tasks for network/computer equipment, process instrumentation and PLCs
- Configuration of computer and network hardware devices
- Monitoring and diagnostics for network and system performance
- Database configuration and administration
- HMI Software configuration, maintenance and support (Citect)
- Configuration and maintenance of support software systems (Win-911, Insite Radio, etc.)
- System and Software Upgrades
- Troubleshooting, diagnostics and support for wireless / radio hardware and systems
- Calibration, troubleshooting, diagnostics for field instrumentation
- Emergency Support

Approach to Accomplish Tasks—SCADA

Our project manager will prepare cost proposals with input from team members in response to requests submitted by the City for tasks or projects. The cost proposal will be submitted for review by the City. Upon receipt of the City's approval and direction to proceed, we will move forward with implementation of the defined task or project. The project manager will coordinate work activities and schedule with the appropriate team members and also provide coordination with the City's personnel.

The project manager will prepare a monthly status report that includes progress performed to date on work tasks as well as proposed activities for the next month. The report may be submitted to the City's personnel electronically (via e-mail) or reviewed in a monthly progress meeting. The method for reviewing progress will be determined by the City.

Scheduled maintenance services and emergency support will be invoiced based on hourly rates as established in the contract agreement and included in the monthly invoice. A service report will be provided to the City's personnel that documents the services provided for each scheduled maintenance visit and emergency support visit.

We will prepare and submit a monthly pay application that includes all work and services provided during the month. The pay application will be submitted for review and approval by the City's authorized representative. If any changes to the pay application are needed, we will make the revisions and then submit a formal pay application or invoice including the monthly status report to the City's Finance Department.

Understanding the City's Needs, Goals, and Objectives—Field Support

Revere Control Systems understands that the City of Fort Lauderdale requires reliable and safe Instrumentation Control and Data Management support for the following facilities including but not limited to :

- Peele Dixie Water Plant
- Fiveash Water Plant
- GT Lohmeyer Wastewater Treatment Plant
- GT Lohmeyer Wellfield
- Prospect Lake Wellfield
- Peele Dixie Wellfield
- Wastewater Repump Stations A, B, and E
- Wastewater and Storm water pump stations located around the City's service areas
- Second Avenue Water Storage Tank
- Poinciana Park Water Storage Tank
- Remote Distribution or Collection system monitoring stations
- Facilities Access Control System (Lenel)
- Video Surveillance systems at the Treatment Plants and the Public Works Administration Building
- Central Maintenance Shop

- Administration Building
- Other related facilities in the Public Works Department

Within these facilities are systems that must meet the daily requirements of the residents of the City of Fort Lauderdale, through the supply of clean safe water and the removal and cleanup of wastewater and storm water. These systems are controlled by instrumentation, automation and supervisory control. The instrumentation must perform measurements such as flow, pressure, temperature, valve position, motor speed and report these discrete and analog values to programmable logic controllers supervised by SCADA Systems and accurately ensure the real time performance of the systems.

We provide professional services to maintain these systems according to City, State and Federal Compliance Standards. We provide maintenance & trouble-shooting of automation & drives, network performance & security, instrumentation and control hardware & software upgrades, electrical & instrumentation installation, control system installation and retrofit services, checkout & commissioning, maintenance & system support programs, instrument calibration and emergency support. We maintain certifications and training records on our professional staff to ensure we can provide the needed personnel with the correct skill set for the required system. Our personnel are trained on the following vendor supplied equipment

- Rockwell Automation Systems including but not limited to PLC 5, SLC 5, Control Logix, Compact Logix, Micro Logix, RS View, Factory Talk View SE, Factory Talk ME, PowerFlex Variable Frequency Drives, Stratix Switches
- GE Systems, IFix, Proficy, 90/30, 90/70, RX3i, RX7i, Quick Panel, CIMPLICITY ME
- Schneider CITECT, Wonderware Intouch, Modicon, Telemecanique, Unity Pro
- Siemens S5, S7, HMI
- Siemens instrumentation pressure, flow, level, temperature
- Emerson Rosemount pressure, flow, temperature, level, Fisher Control valves
- Endress and Hauser instrumentation, flow, level, pressure, temperature
- Hach instrumentation
- Cisco switches
- Fiber optic cabling
- Serial communications
- Field bus protocols
- Ethernet communications
- Client server applications

We train our personnel on industry best practices and ensure this is maintained through audit processes. Our processes and certifications for project execution include the following:

Project management training, experience and certification

Control System Integrator Association certifications and standards

Project Management Institute certifications and standards

ISA certifications and standards

We provide trained professional personnel where our clients need the support. To support the City of Fort Lauderdale we would rely on our team members based in the State of Florida, with additional support from our offices in Birmingham, AL, Texarkana, TX, and Charlotte, NC, as required. Our approach to work execution uses strong processes to ensure our customer service expectations are met. We have an experienced team composed of technical and management staff that demonstrate our abilities and strengths. We feel that our team qualifications, experience, and described approach to the project demonstrate our abilities and strengths for selection as a qualified firm for the City of Fort Lauderdale.

Approach to Accomplish Tasks—Field Support

Our approach to work execution uses strong processes to ensure our customer service expectations are met. We feel that our team, experience, and described approach to support the instrumentation control data management services would serve the needs and goals of the City of Fort Lauderdale.

One key element for the successful implementation of all programs is the involvement by the City. Our approach to implementing a successful program is in the form of a partnership with the City rather than functioning as a contractor. Therefore, we have based our approach not only on the qualifications and experience of our team members, but also the knowledge and experience of the City.

To achieve a successful field service program, we employ a process of daily, weekly, and monthly schedules based on an online, master field service schedule. The director of field service has daily communication with field service leads, field service technicians, project managers and customers to *plan the work, do the work, check the work, and act on the work.*

Plan: Identifying and analyzing the problem.

Do: Developing a potential solution.

Check: Measuring how effective the test solution was, and analyzing whether it could be improved in any way.

Act: Implementing the improved solution fully.

We will communicate across our full team and with the City to ensure we are meeting or exceeding expectations based on responsiveness, quality, and open communications. We update the master field service calendar daily, and our project managers update the schedules based on the customer.

We use field service leaders to plan and schedule for a thorough understanding of the scope of work, deliverables expected by the City, and communication to the field service team for proper direction.

Approach to Accomplish Tasks—Industrial Information Technology (IIT)

The IIT manager is involved during the estimating and proposal phase of the project all the way through contract completion and closeout. This allows us to have continuity while establishing a high knowledge level of the project requirements early in the process. Through this process, we can better plan our activities and manage the expectations of the project, not only for the City 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, the City. The City 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.

The IIT manager will report to the project manager to provide 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 City/IIT technician, the project manager, with input from the IIT manager, develops and issues a formal request for information to the City, especially when coordinating between multiple parties or resolving technical issues.

We have the resources to deliver leading-edge solutions that maximize returns for our clients. With extensive experience in municipal and industrial facilities, clients in the U.S. and beyond seek our expertise in modernization and sustainable design. Our robust design team includes certified professional technicians.

Field startup and implementation plans are also created during this phase, outlining the step-by-step tasks required to implement the upgrade or modification of a control panel or process area and submitted for review and input by the plant operations and IIT staff. Through this process, we will identify critical action items that require minimal adjustments to the plant network operations. In the design phase, functional control strategies or software control narratives are used to develop the OT network design.

Proven Ability to Maintain Technological Reliability for Continuous Systems Operations

We have completed a number of projects with the requirement to maintain plant or system operations while performing maintenance services, troubleshooting and upgrades. Examples of our performance for maintaining continuous systems operations are provided below.

Cary/Apex NC Water Treatment Facility Control System Upgrade

The project scope of work included the replacement of the fiber optic cabling infrastructure and PLC hardware. Continuous operation of the water treatment facility was required during all of the upgrades and cable replacements. The new fiber optic cable was installed, terminated, and tested while the system continued to operate on the existing fiber optic network. With the fiber optic cabling installation in a ring format, each node was moved to the new cabling system one at a time until all nodes were successfully moved. Once the entire system was moved to the new fiber optic cable and operations monitored for a period of time, the old fiber optic cable was removed.

Replacement of the existing Allen Bradley PLC-5 hardware with Allen Bradley ControlLogix hardware was performed one area at a time. This also involved a transition from the existing GE FIX32 HMI application to the Wonderware System Platform HMI application developed and provided by us. In order to remove the existing and install new PLC hardware, critical process equipment was placed in local control or manual mode. The PLC hardware was replaced, I/O signals tested and logic verified prior to returning the process equipment to automatic control. This process required close coordination between our project team members and the plant operations staff to ensure the plant operations was at an acceptable level.

Seminole County FL Wastewater Pump Station Radio/RTU Replacement— Cellular Conversion

The project scope of work included upgrading/replacing the existing Motorola hardware to the ACE3600 platform and transitioning the communications system from the radio trunking system to a cellular communication system. The pump stations were monitored for proper operations during the installation of hardware at each site. The installation or upgrade process began with removing the site from remote communications system and replacing the RTU hardware. Once the pump station was operating in local mode with the upgraded Motorola hardware, the cellular communications link was established and all monitoring and controls for the site were verified at the Operations Control Center.

Boca Raton FL Water Treatment Plant SCADA Upgrade Project

The project scope of work included upgrading/replacing the existing Allen Bradley PLC-5 hardware and logic to Allen Bradley ControlLogix hardware. Continuous operation of the plant was required during the upgrade process with scheduled shutdowns for redundancy process equipment such as reverse osmosis skids. For each panel location, the existing Allen Bradley PLC-5 hardware was removed and replaced with Allen Bradley ControlLogix hardware. The control logic for this project was developed rather than converted from the existing logic. The GE iFix HMI application database was modified to reflect the new address format required for communications with the Allen Bradley ControlLogix hardware. The system was thoroughly tested at the factory prior to the onsite installation and upgrade process.

Accommodating the City's Needs Within Our Current Workload

We have a strong work force with personnel located throughout the southeastern United States, including the state of Florida. We have a branch office located in Lakeland, Florida and staffed with one (1) project manager, one (1) engineering group manager, four (4) project engineers/specialists, one (1) control system technician along with business development and office support personnel.

As included in our proposal, we have a normal backlog of projects of various contract amounts and work scopes. Included in our backlog of projects are several large projects or contracts that are scheduled for completion between September and December 2016. We also have several active professional services or maintenance services contracts in the South Florida area.

Our Florida area personnel make up a major portion of our project team organization chart for the City of Fort Lauderdale's Instrumentation Control Data Management Services Contract. The anticipated number of hours required to support this contract fits in with our project loading and resource assignments.

As our client base grows and we secure additional projects and maintenance service contracts, we closely monitor our backlog of hours, project commitments and manpower loading. As part of this monitoring process, we determine the need to add staff members to our Lakeland team in order to meet our customer commitments. We recently added a project engineer to our Lakeland project team. We are currently working to add a control system technician to the Florida team.

For approved tasks with a high number of labor hours and a short schedule duration, we will use personnel from our other locations such as Alabama and North Carolina to supplement our project team.

Based on our backlog of projects and with the addition of this contract, we are confident of our ability to meet the support requirements, both technically and within the required response time.

A list of our current major projects workload is provided at the end of this section.

Warranty on Workmanship Information

Following is our standard warranty and limitations statement:

RCS warrants to the purchaser that buys for use, and not for resale (the “Ultimate Purchaser”) that all products furnished and which are manufactured by RCS will conform to specifications, drawings, samples and other written descriptions that are a part of this Contract, and will be free from defects in materials and workmanship. These warranties shall remain in effect for a period of twelve (12) months after acceptance of RCS’s work under the Contract by either Buyer or Ultimate Purchaser (or their legal representatives) or twelve (12) months after the system is placed in productive use, or eighteen (18) months after shipment, whichever occurs first. Parts replaced or repaired during the warranty period shall carry the unexpired portion of the original warranty.

The liability of RCS hereunder is limited to replacing or repairing at RCS’s factory or on the job site, at RCS’s option, any part or parts which have been returned to RCS and which are defective or do not conform to such specifications, drawings or other written descriptions that are a part of the Contract; provided that such part or parts are returned within ninety (90) days after such defect is discovered. RCS shall have the sole right to determine if the parts are to be repaired at the job site or whether they are to be returned to the factory for repair or replacement. RCS shall not be liable for any damage done by unauthorized repair work, unauthorized replacement parts, from any misapplication or misuse of the item, or for damage due to accident, abuse, or Act of God. RCS shall not be liable for any labor, subcontracted or performed, by Buyer for preparation of any warranted item for return to RCS’s factory or for preparation work for field repair or replacement. Non-compliance with the terms of payment by the Buyer shall result in a failure of consideration under this contract and shall relieve RCS of any duties or obligations with respect to any warranties stated herein.

Except as set forth in this proposal with regard to both hardware and software, rcs makes no representation or warranty of any kind whatsoever, including but not limited to, any warranty of freedom from patent infringement, of merchantability, of fitness for a particular purpose, or arising from a course of dealing or usage of trade or other express or implied warranties. Rcs is not liable for and purchaser waives any right of action it has or may have against rcs for any consequential or special damages arising out of any breach or warranty and for any damages purchaser may claim for damage to any property or injury or death to any person arising out of its purchase or the use, operation or maintenance of the product.

List of SCADA Software, PLC Software/Installations

Revere has developed and modified SCADA control systems using the following HMI software packages.

- Wonderware System Platform (ArchestrA), Historian
- Wonderware InTouch
- GE Fix32

- GE HMI-SCADA iFix, iHistorian
- GE HMI-SCADA Cimplicity. Historian
- Schneider Electric CitectSCADA, Historian
- Trihedral VTScada
- Rockwell Software FactoryTalk View SE, VantagePoint, Historian

Revere has developed and modified PLC control systems using the following PLC hardware platforms.

- Allen Bradley PLC-5, SLC, ControlLogix, CompactLogix, MicroLogix
- GE 90-30, 90-70, Rx3i, VersaMax
- Modicon Quantum, M340
- Motorola Moscad, Moscad-L, ACE3600
- Siemens S7

Revere has developed and modified PLC Control Logic using the following PLC programming software.

- Rockwell Software RSLogix5000, RSLogix5, RSLogix500
- GE LogiCmaster, Cimplicity Machine Edition
- Schneider Unity Pro
- Motorola System Tools Suite (STS)
- Siemens STEP 7

We have used the following software packages and components to complement SCADA control systems.

- Win-911 Alarming Software
- Sytech XLReporter Software
- Wireless Communications Hardware
 - o Radios – MDS, Esteem
 - o Cellular Modems – Sierra Wireless, Calamp, Phoenix Contact
 - o Infrastructure – Antennas, Cable, Surge Suppression

Ongoing Maintenance and Support Agreements

Revere currently supports and maintains systems for the following clients.

- City of Statesboro, Georgia
- City of Kinston, North Carolina
- City of Apex, North Carolina
- Town of Cary, North Carolina
- City of Auburn, Alabama
- City of Sunrise, Florida

- City of West Palm Beach, Florida
- City of West Palm Beach, Florida – ECR Board
- Palm Beach County, Florida
- Collier County, Florida
- Dunes Community Development District - Palm Coast, Florida
- Seminole County, Florida
- Polk County, Florida
- American Water Enterprises, Inc.



MAJOR PROJECTS IN PROGRESS

August 2016



Project Name and Number	Project Manager	Owner	Architect/Engineer	Contract Amount	Percent Complete	Scheduled Complete Date	
N018700	Shreveport SCADA Upgrade	Jay Wagner	City of Shreveport, LA	Revere Control Systems, Inc.	\$ 1,024,200	98%	8/31/2016
P040200	Northwest WWTP Phase I	James Noe	St. Johns County Utility Department	CDM Smith	\$ 622,232	99%	8/31/2016
R041200	Apex WTF RWPS Intake Improvements	Jeff Grove	Town of Cary, NC	HDR Engineering	\$ 334,345	99%	8/31/2016
R065700	Valdosta Telemetry Phase 2 Project	Nan Johnson	City of Valdosta, GA	Revere Control Systems, Inc.	\$ 122,249	25%	8/31/2016
R069600	Youngsville Ground Storage Tank	Jay Wagner	City of Youngsville, LA	Fentemaker & Associates/M&E Consulting	\$ 559,282	64%	8/31/2016
R076100	Pump Station Upgrades	Joey Didona	Seminole County, FL Board of Commissioners	CHP Corp	\$ 254,858	81%	8/31/2016
R089700	East Service Area Potable Water & Reclaimed Storage & Repump	Joey Didona	Orange County Utilities Orlando, FL	Reiss Engineering	\$ 405,990	99%	8/31/2016
U013300	SCADA/CAMO Panel Project	Jay Wagner	St. Bernard Parish, LA	CDM Smith	\$ 4,968,420	87%	8/31/2016
U015600	Montgomery Pump Station	James Noe	City of Montgomery, AL Water Works & Sanitary	CH2M Hill	\$ 148,897	90%	8/31/2016
U045100	Valdosta Wells 9 & 10	James Noe	City of Valdosta, GA	CDM Smith	\$ 131,393	82%	8/31/2016
U050200	Barefoot Bay WTP Improvements	James Noe	Brevard County, FL	Wade Trim, Inc.	\$ 214,834	93%	8/31/2016
U070800	BSU I&C for Wells 33, 34 and 35	Nan Johnson	Bonita Springs Utilities, FL	CH2M Hill	\$ 194,823	69%	8/31/2016
U085600	Shreveport Lucas & N Regional WWTP Improvements	Jay Wagner	City of Shreveport, LA	MWH Americas, Inc.	\$ 133,158	32%	8/31/2016
R004500	Bossier Parish Area WWTF	Jay Wagner	Bossier Parish, LA Police Jury	Denmon Engineering	\$ 428,845	70%	9/30/2016
R019300	Miami Dade County Master Pump Station #3	David Abel	Miami-Dade County, FL Water & Sewer Dept.	MWH Americas, Inc.	\$ 354,953	99%	9/30/2016
R067600	Hialeah RO WTP Support Services	Nan Johnson	City of Hialeah, FL	AECOM Technical Services	\$ 229,725	92%	9/30/2016
R090100	Hwy 421 Raw Water Valve	Jeff Grove	Cape Fear NC Public Utilities Authority	Black & Veatch	\$ 137,968	99%	9/30/2016
U042300	Erath WWTF Upgrades	Jay Wagner	Town of Erath, LA	Sellers & Associates	\$ 277,713	48%	9/30/2016
U049200	Greenwood WTP Improvements	Jay Wagner	Town of Greenwood, LA	Balar Associates	\$ 297,000	59%	9/30/2016
U051100	West Palm Beach SCADA Services Amendment 2	Joey Didona	City of West Palm Beach, FL	Santis Engineering	\$ 225,619	99%	9/30/2016
U058600	Seminole County PS Improvements	David Abel	Seminole County, FL	CPH Engineers, Inc.	\$ 240,566	58%	9/30/2016
U074400	SCADA System Upgrade Phase II	Jay Wagner	City of Shreveport, LA	Revere Control Systems, Inc.	\$ 150,000	69%	9/30/2016
U077700	Replacement of Sodium Hydroxide Tanks & Chemical Systems	David Abel	City of Boca Raton, FL	McCafferty Brinson Consulting	\$ 230,678	69%	9/30/2016
U098000	Landfill Leachate System Telemetry	David Abel	Seminole County, FL Board of Commissioners	Revere Control Systems, Inc.	\$ 389,481	79%	9/30/2016
M058600	Hialeah Water Reverse Osmosis WTF	Jeff Grove	City of Hialeah, FL	AECOM Technical Services	\$ 1,439,231	96%	10/31/2016
M074300	Hillsborough County SCADA Phase II	Joey Didona	Hillsborough County, FL	Arcadis	\$ 1,165,696	85%	10/31/2016
R013800	Fort Polk North & South WWTP	Jay Wagner	American Water Military Services	Hazen & Sawyer	\$ 2,306,008	84%	10/31/2016
U036600	Tier I WWTP Pump Station SCADA	Jeff Grove	Town of Cary, NC	Hazen & Sawyer	\$ 944,327	51%	11/30/2016
V048000	Lake Charles WWTP B-C PS Expansion	Jay Wagner	City of Lake Charles, LA	Affinity Engineering Group	\$ 436,534	9%	12/30/2016
P067600	Apex WTF Control System Upgrade	Jeff Grove	Town of Cary, NC	HDR Engineering	\$ 2,849,567	84%	12/31/2016
U008200	Denver Coca Cola Effluent Monitoring Systems Phase II	James Noe	Coca Cola Refreshments Denver, CO	MWH Americas, Inc.	\$ 220,583	51%	12/31/2016
U025100	Orlando Lift Station Electrical Upgrades	Arthur Thomas	City of Orlando, FL	Tetra Tech	\$ 957,204	76%	12/31/2016

MAJOR PROJECTS IN PROGRESS

August 2016



Project Name and Number		Project Manager	Owner	Architect/Engineer	Contract Amount	Percent Complete	Scheduled Complete Date
U034400	SFWMD S-127 General Contract	Joey Didona	South Florida Water District	Revere Control Systems, Inc.	\$ 3,292,639	82%	12/31/2016
U034500	SFWMD S-127 Control Center	David Abel	South Florida Water District	Revere Control Systems, Inc.	\$ 2,841,499	70%	12/31/2016
U073500	Harmony WWTP Expansion	James Noe	Toho Water Authority	Wharton-Smith	\$ 552,512	85%	12/31/2016
U080900	Sunrise Maintenance Contract 2015-2016	Joey Didona	City of Sunrise, FL	Revere Control Systems, Inc.	\$ 200,000	93%	12/31/2016
U093500	Melbourne RO Booster Pumps VFD Improvements	David Abel	City of Melbourne, FL	CH2M Hill	\$ 146,252	15%	12/31/2016
V019500	Miramar WTP PLC Replacement	James Noe	City of Miramar, FL	Revere Control Systems, Inc.	\$ 574,984	7%	12/31/2016
V034000	Sanderson Farms WTP	Jeff Grove	Sanderson Farms St. Pauls, NC	Chas. N. Clark Associates	\$ 392,297	50%	12/31/2016
V048800	Cahaba/Trussville WWTP Improvements 2	James Noe	Jefferson County, AL Environmental Services	CDM Smith	\$ 1,361,978	2%	12/31/2016
V053700	Orchard Knob Pump Station Improvements	Dave Abel	City of Chattanooga, TN	Arcadis, Inc.	\$ 181,951	500%	1/31/2017
U097300	Glades Road WTP Residuals System & Ancillary Improvements	David Abel	City of Boca Raton, FL	CDM Smith	\$ 283,019	34%	2/28/2017
U103300	North District WWTP	David Abel	Miami-Dade County, FL Water & Sewer Dept.	Brown & Caldwell	\$ 701,255	21%	2/28/2017
V004900	Sunrise Springtree Wellhead Improvements	Joey Didona	City of Sunrise, FL	Malcom Pirnie	\$ 217,036	20%	2/28/2017
V037300	WPB Re-Pump Station NaOCl System	Joey Didona	City of West Palm Beach, FL	Jacobs Engineering Group	\$ 480,231	6%	2/28/2017
V044600	Steele Farms Farm Monitoring and Control 2016	James Noe	Steele Farms MS	Revere Control Systems, Inc.	\$ 147,423	21%	2/28/2017
V062600	FL Orlando Lift Station 5	Dave Abel	City of Orlando, FL	Brown & Caldwell	\$ 129,311	0%	2/28/2017
R040200	Apex WTF Phase III-Services Only	Jeff Grove	Town of Cary, NC	HDR Engineering	\$ 804,950	79%	3/31/2017
R057200	CAWTF Pase III Expansions	Jeff Grove	Town of Cary, NC	HDR Engineering	\$ 1,455,719	92%	3/31/2017
V054100	Altamonte Springs RWRF Headworks Improvements	Dave Abel	City of Altamonte Springs, FL	Atkins Engineering	\$ 242,568	3%	6/30/2017
V034600	Manatee County WTP BTU	Dave Abel	Manatee County, FL	McKim & Creed	\$ 734,460	6%	12/31/2017
Total Major Projects					\$ 37,136,463		

References

Following this page are three references that are government agencies with project scopes similar to yours.



**CITY OF AUBURN, ALABAMA
Water Resources Management Department
1501 West Samford Avenue
Auburn, Alabama 36832**

Owner Representative(s):

Tim Johnson, P.E.; Utility Engineer
Phone: (334) 501-3060
E-Mail: tjohnson@auburnalabama.org

Matt Dunn, P.E.; Watershed Division Manager
Phone: (334) 501-3077
E-Mail: mdunn@auburnalabama.org

Year of Project Completion: Initial Contract Period June 2011 – June 2015
Active Contract Period June 2015 – June 2019

Contract Amount: \$1,661,181.22

PLC Platform: Allen Bradley ControlLogix, CompactLogix
HMI Software: Rockwell FactoryTalk View SE, Historian, VantagePoint

Description of Services Provided

Revere has provided Professional Services for the City of Auburn's Supervisory Control and Data Acquisition (SCADA) System including the Water and Wastewater Systems. Services include configuration, maintenance, troubleshooting, diagnostics, programming, upgrades, documentation and training. Additionally, Revere provides Emergency Support services as required by the City of Auburn.

The contract agreement between the City of Auburn and Revere was put into place in June 2011. The initial duration of the agreement was for two (2) years with the option to extend for two (2) additional years. The City of Auburn has renewed the contract for two (2) additional years for expiration in June 2015.

During the first two (2) years of the contract agreement, Revere has worked with the City of Auburn to design, implement and commission a SCADA Control System for the H.C. Morgan Water Pollution Control Facility and its supporting facilities as well as the James Estes Water Treatment Plant. This includes the provision of various field instrumentation devices, PLC control panels and network infrastructure. Services required to implement and commission these systems include PLC programming, HMI configuration, termination/testing of the network cable systems, factory testing, field testing and commissioning as well as customer training.

The Allen Bradley ControlLogix and CompactLogix PLC Platforms have been used as the basis for the SCADA Control System. Rockwell's FactoryTalk View HMI Software has been used for the graphical interface and historical data collection system.

The City of Auburn and Revere have recently completed a New Raw Water Pump Station as well as upgrading the Wastewater Collection and Water Distribution Systems. Revere also provides maintenance and support services for the SCADA systems including field instrumentation, wireless communications, PLC hardware/logic and the HMI application.

CITY OF SUNRISE, FLORIDA
Sunrise Utilities Department
777 Sawgrass Corporate Parkway
Sunrise, FL 33325

Owner Representative(s):

Allan Miller; Project Manager
Phone: (954) 888-6050
E-Mail: AMiller@sunrisefl.gov

Year of Project Completion: Initial Contract Period October 2008 – September 2012
Active Contract Period October 2012 – September 2018

Contract Amount To Date: \$4,238,511.14

Description of Services Provided

Revere provides professional services for the configuration, maintenance, repair and replacements, diagnostics, administration, programming, upgrades, documentation and training for the City's SCADA Control System.

SCADA Services are provided for the following City facilities:

- Springtree Water Treatment Plant
- Springtree Wastewater Treatment Plant
- Springtree Raw Water Wells
- Springtree ASR Well
- Sawgrass Water Treatment Plant
- Sawgrass Wastewater Treatment Plant
- Sawgrass Raw Water Wells
- Sawgrass Injection Wells
- Sawgrass Concentrate Well
- Utility Lift Stations
- High Service Re-Pump Stations
- Southwest Water Treatment Plant
- Southwest Wastewater Treatment Plant
- Southwest Raw Water Wells
- Park City Water Treatment Plant
- Park City Raw Water Wells
- Melaleuca Re-Pump Station
- Weston Pump Station
- Natural Gas System

Technical support services are provided for the following components/systems:

- SCADA Servers, SCADA Client Workstations and associated appurtenances
- Microsoft Access and SQL Server databases
- GE Cimplicity HMI SCADA Applications
- GE 90-70 PLC, 90-30 PLC, Versamax PLC and related software
- Allen Bradley PLC and related software
- Modicon PLC and related software
- Routers, hubs, and switches linked through fiber and UTP cables
- Radio Spread Spectrum and Diagnostics Software
- Field Instrumentation

- Local Control Panel Hardwired Controls

Work is performed based on work orders issued by the City. A scope of work is prepared along with a time and expense estimate for approval by the City prior to proceeding with the work.

We are required to provide a timely and comprehensive emergency response to failures for the included systems. A response and acknowledgement of an Emergency is to be provided within four (4) hours of being contacted by the City. Work to actively resolve an Emergency must begin within twenty-four (24) hours of the Declaration of Emergency. Support is provided via the following methods:

- Telephone assistance services via the technical support hotline 24 hours a day, 7 days per week.
- Communication via email.
- Professional emergency support available onsite within twenty-four (24) hours of notice.
- Control Systems Technician available onsite within five (5) hours of notice for troubleshooting and calibration equipment.

Revere has provided network support services to the Utilities Department for the SCADA Control System as well as the City's Management Information Systems (MIS) Department as it interfaces with the SCADA Control System and for monitoring tools of the City's overall network. As part of this support effort, we have implemented the use of CPWE and ICS-CERT best practices based on the procedures and guidelines provided by the City.

"

CITY OF WEST PALM BEACH, FLORIDA**Public Utilities****401 Clematis Street****West Palm Beach, FL 33401****Owner Representative(s):**

Harold Topsey; O&M Superintendent
Phone: (561) 822-2263
E-Mail: HTopsey@wpb.org

Year of Project Completion: Active Contract Period October 2014 – September 2017

Contract Amount To Date: \$462,357.27

Description of Services Provided

Revere provides professional services for the configuration, maintenance, repair and replacements, diagnostics, administration, programming, upgrades, documentation and training for the City's SCADA Control System.

SCADA Services are provided for the following City facilities:

- Water Treatment Plant
- Ibis Pumping Station
- Cumberland Pumping Station
- Westward Booster Station
- St. Mary's Pumping Station
- Phipps Park Booster Station
- Kaye Street Pumping Station
- Valley Forge Pumping Station
- Palm Beach Pumping Station
- Clear Lake Transfer Pump Station
- Well No. 11
- And other locations as requested by the City

Technical support services are provided for the following components/systems:

- SCADA Servers, SCADA Client Workstations and associated appurtenances
- Wonderware System Platform HMI SCADA Applications
- Allen Bradley ControlLogix, CompactLogix, MicroLogic PLC and related software
- Motorola Remote Telemetry Units (RTUs)
- Routers, hubs, and switches linked through fiber and UTP cables
- Field Instrumentation
- Local Control Panel Hardwired Controls

Work is performed based on work or task orders issued by the City. A scope of work is prepared along with a time and expense estimate for approval by the City prior to proceeding with the work.

We are required to provide a timely and comprehensive emergency response to failures for the included systems. A response and acknowledgement of an Emergency is to be provided within one (1) hour of being contacted by the City. Support is provided via the following methods:

- Telephone assistance services via the technical support hotline 24 hours a day, 7 days per week.
- Communication via email.
- Professional emergency support available onsite within twenty-four (24) hours of notice.

Subcontractors

We work with many subconsultants and subcontractors in the State of Florida. The City has listed two as pre-approved in the RFP, Rexel for Allen-Bradley and Blackburn Controls (BCI) for Citect.

Revere Control Systems has a high level of expertise with Allen-Bradley products and software, and is a Rockwell Automation Solution provider for the process industry, and will shortly have the Rockwell Automation Network Solution certification. Due to that, we work very closely with both Rexel's South Florida automation specialist, Randy Blue, as well as Rockwell Automation's water/wastewater specialist, Terry Sages. If we require it, due to these long term, ongoing relationships, additional support on the City's Allen-Bradley platform will be seamless and without issue.

We also perform a lot of work for Hillsborough County, who uses Citect for their SCADA software platform, as well as the MDS radio as a communications standard, both represented by Blackburn Controls. With our ongoing relationship with BCI, if required, additional support for the City's Citect SCADA platform will be easily acquired.

We work regularly with Electrical Design Associates (EDA), an M/WBE professional engineering firm. EDA performs professional engineering services related to electrical design and construction. As a consistent partner with Revere, if this contract has a need for this specialty, we will be able to provide it with a current Revere partner.

The need for additional subconsultants/subcontractors, including M/WBE firms, will be evaluated with the City on a task-by-task basis. If a need is discovered, Revere will work with the City's M/WBE department to see if we can first fill that need with a qualified M/WBE firm, and if so, will proceed in that direction. Any additional subconsultants/subcontractors will be evaluated first with City personnel, prior to joining the team.



BCI Technologies
1619 E. Vine St
Kissimmee FL, 34744
(407) 847.8848

TO: The City of Fort Lauderdale

"Blackburn Controls, Inc (DBA BCI Technologies) works regularly as a vendor to Revere Controls. Blackburn Controls will support Revere Controls as a sub consultant for the City of Fort Lauderdale Instrumentation and Control Data Management Services contract."

Please feel free to contact me directly for any verbal verification.

Phillip A. Yancey
Sales Manager
(407) 847.8848 X 204

Phillip Yancey 9/8/2016



COMMERCIAL
& INDUSTRIAL

Rexel, Inc.
3625 SW 30th Ave.
Ft. Lauderdale, FL 33312

September 9, 2016

City of Fort Lauderdale
Althea Pemsel
Sr. Procurement Specialist
Finance
100 N. Andrews Avenue, 6th Floor
Fort Lauderdale, FL 33301

Dear Ms. Pemsel,

Revere Control Systems, Rexel and Rockwell have worked closely together in several Florida municipalities to support a Rockwell solution to our mutual customers. Rexel is the Rockwell Automation distributor for the products and Revere Controls engineers, programs and supports the equipment in the field.

Revere Control Systems is at the pinnacle of Rockwell's partnership program as they are recognized nationally as a "Solution Provider". By definition this means they demonstrate a commitment to use Rockwell Automation content, are a leader in their industry, have a differentiated service or solution that complements or supplements that of Rockwell Automation and a broad geographical reach. So what does that mean to you? It means they have proven themselves to be a competent and reliable integrator of Rockwell hardware and software products. They have the experience and depth required to ferret out solutions in legacy and new installations.

There are several people within our organization who are working with and will vouch for Revere Control Systems' competence and commitment.

Regards,



Edward Arndt

Automation Sales Manager



Electrical Design Associates

September 12, 2016

Mr. Bruce Koppenhoefer
Revere Control Systems, Inc.
2240 Rocky Ridge Road
Birmingham AL 35216

Re: **Instrumentation Control Data Management Services
Fort Lauderdale, FL**

Dear Mr. Koppenhoefer,

This letter of interest serves to confirm the interest and intent of Electrical Design Associates Inc. (EDA) to perform as Sub-consultant for Revere Control Systems, Inc. for the above-referenced Proposal.

As you are aware, EDA is a woman owned/minority certified engineering firm. EDA offers full service Electrical and Instrumentation design services for Water, Wastewater & Reclaimed Water facilities, as well as those support services that may be necessary through the Construction phase of the project.

We are pleased to be included as part of the Revere team and look forward to the opportunity of working together again.

Should you require additional information, please call.

Sincerely,

A handwritten signature in blue ink, appearing to read "Lillian M. Reyes", is written over a light blue horizontal line.

Lillian M. Reyes, P.E.

LOI091216

State of Florida

Minority, Women & Florida Veteran Business Certification

Electrical Design Associates, Inc

Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:

09/02/2015 to 09/02/2017



Chad Poppell, Secretary
Florida Department of Management Services



STANDARD FORM (SF)

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Architect-Engineer and Related Services Questionnaire

1. Firm Name/Business Address:

Electrical Design Associates, Inc.
4733 West Atlantic Avenue, Suite 12-C
Delray Beach, FL 33445

2. Year Present Firm Established:

1998

3. Date Prepared:

July 16, 2010

4. Specify type of ownership and check below if applicable

Corporation

- A. Small Business
- B. Small Disadvantaged Business
- C. Women-owned Business

1a. Submittal is for Parent Company Branch or Subsidiary Office

5. Name of Parent Company, if any: 5a. Former Parent Company Name(s), if any and Year(s) Established:

Same

6. Name of not more than Two Principals to Contact: Title/Telephone

1) Lillian M. Reyes, P.E., President / 561-819-5556
2)

7. Present Offices: City / State / Telephone / No. Personnel Each Office

Palm Beach County / FL 561-819-5556 / 3
Orange County / FL 407-895-8300 / 3

7a. Total Personnel 6

8. Personnel by Discipline: (List each person only once, by primary function.)

1	Administrative	2	Electrical Engineers		Oceanographers	1	Instrumentation Designer
	Architects		Estimators		Planners: Urban/Regional	1	Field Superintendent
	Chemical Engineers		Geologists		Sanitary Engineers		
	Civil Engineers		Hydrologists		Soils Engineers		
	Construction Inspectors		Interior Designers		Specification Writers		
1	Draftsmen		Landscape Architects		Structural Engineers		
	Ecologists		Mechanical Engineers		Surveyors		
	Economists		Mining Engineers		Transportation Engineers		

9. Summary of Professional Services Fees Received:

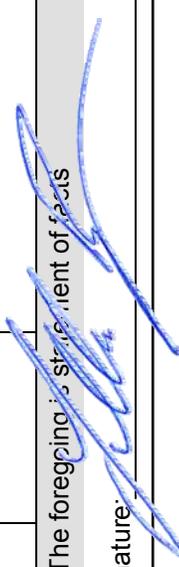
(Insert index number)	Last 5 Years (most recent year first)					Ranges of Professional Services Fees INDEX
Direct Federal contract work, including overseas	20 09	20 08	20 07	20 06	20 05	1. Less than \$100,000
All other domestic work	4	4	5	4	4	2. \$100,000 to \$250,000
All other foreign work*						3. \$250,000 to \$500,000
						4. \$500,000 to \$1 million
						5. \$1 million to \$2 million
						6. \$2 million to \$5 million
						7. \$5 million to \$10 million
						8. \$10 million or greater

*Firms interested in foreign work, but without such experience, check here:

10. Profile of Firm's Project Experience, Last 5 Years											
Profile Code	Number of Projects	Total Gross Fees (In thousands)	Profile Code	Number of Projects	Total Gross Fees (In thousands)	Profile Code	Number of Projects	Total Gross Fees (In thousands)	Profile Code	Number of Projects	Total Gross Fees (In thousands)
1) 036	20	40	11) 094	10	75	21)			21)		
2) 043	50	75	12) 099	5	25	22)			22)		
3) 062	50	250	13) 104	10	75	23)			23)		
4) 080	50	75	14) 115	50	500	24)			24)		
5) 083	100	1,200	15)			25)			25)		
6) 023	150	75	16)			26)			26)		
7) 052	10	125	17)			27)			27)		
8) 054	75	500	18)			28)			28)		
9) 062	50	125	19)			29)			29)		
10) 088	40	300	20)			30)			30)		

11. Project Examples, Last 5 Years									
Profile Code	"P", "C", "JV", or "IE"	Project Name and Location	Owner Name and Address	Cost of Work (in thousands)	Completion Date (Actual or Estimated)				
083 043 080	C	1 Iron Bridge Water Reclamation Facility 13 kV Improvements City of Orlando	Mr. Robert Rutter, P.E., City of Orlando One City Commons 400 South Orange Avenue Orlando, FL 32801, 407-246-2573	7,000	2007				
083 043 080	C	2 Water Conserv II Water Reclamation Facility 13 V Improvements City of Orlando	Mr. Robert Rutter, P.E., City of Orlando One City Commons 400 South Orange Avenue Orlando, FL 32801, 407-246-2573	8,000	2012				
083 043 080 036 023 094	C	3 BRP Utility Site, Water and Wastewater Facility Palm Beach County, Florida	Brian Shields, P.E., Engineering Director PB County Water Utilities 8100 Forest Hill Blvd, WPB, FL 33416, 561-493-6081	9,000	2008				
083 043 080 036 023 094	C	4 North Region Pump Station Palm Beach County, Florida	Brian Shields, P.E., Engineering Director, 561-493-6081 PB County Water Utilities 8100 Forest Hill Blvd, WPB, FL 33416,	8,000	2009				
083 043 080 036 023 094	C	5 Northwest Water Reclamation Facility Upgrades Orange County, Florida	Mr. Mark Iklar, P.E., Ph. 407-254-9924 Water Reclamation Division 9150 Curry Ford Road, 3rd Floor Orlando, FL 32825	60,000	2012				
036 043	C	6 South Water Reclamation Facility Upgrades Orange County, Florida	Mr. Mark Iklar, P.E., Ph. 407-254-9924 Water Reclamation Division 9150 Curry Ford Road, 3rd Floor Orlando, FL 32825	50,000	2013				
043 080	C	7 Orlando Water Conserve II Master Pump Station Improvements City of Orlando, Florida	Mr. Robert Rutter, P.E., City of Orlando One City Commons 400 South Orange Avenue Orlando, FL 32801, 407-246-2573	12,000	Ongoing				

043 080	C	8	Orange County 6 of 14 Pump Stations Orange County, Florida	Mr. Larry Tunnell, Ph. 407-836-6845 Orange County Wastewater Division 8100 Presidents Drive, Suite A Orlando, FL 32809-6779	5,000	2002
083	C	9	Margate Lift Station Improvements City of Margate, Florida	Mr. Greg "Gus" Gustitus, Ph. 954-972-0828 City of Margate Environmental Engineering 1001 W. River Drive Margate, FL 33063	10,000	2002
043 080 083 036 023 094	C	10	Loxahatchee River Environmental Control District IQ Water Pump Station	Clinton R. Yerkes Ph. (561) 747-5700 Loxahatchee River District 2500 Jupiter Park Drive Jupiter, Florida 33458	425	Ongoing
043 080 083 036 023 094	C	11	Lake Groves WTP Lake Groves Utilities, Inc.	Mr. Jerry Salsano, P.E., Ph. 407-869-1919 Lake Groves Utilities, Inc. 200 Weatherfield Avenue Altamonte Springs, FL 32714	900	2000
043 080 083 036 023 094	C	12	Crane Stand Lift Station 249 Orlando, Florida	Mr. Alan Oyer, P.E., Ph. 407-246-2213 City of Orlando 5100 LB McCloud Rd. Orlando, FL 32811	2,000	2001
043 080 083 036 023	C	13	FDOT Stormwater Pump Stations Pembroke Park, Florida	Mr. Rod Myrick, Ph. 954-925-1724 FDOT District 4 Construction Office 3400 W. Commercial Blvd. Ft. Lauderdale, FL 33309-3421	100	2002
043 080 083 036 023 094	C	14	Southeast Regional WWTP Expansion Manatee County, Florida	Mr. Tim Hochuli, P.E., 941-792-8811 Manatee County Gov't, Proj. Mgmt. Dept. 4422-A 66th Street West Bradenton, FL 34210	1,800	2001
043 080 083 036 023 094	C	15	Tavares WTP/SCADA System Tavares, Florida	Mr. Aaron Mercer, (352) 742-6222 City of Tavares P.O. Box 1068 Tavares, FL 32778	7,500	1999
043 080 083 036 023 094	C	16	Big Cypress Reservation Water Treatment Plant Improvements	Thomas G. Aitcheson, Director of Utilities Seminole Tribe of Florida 6300 Stirling Road Hollywood, FL 33024/Ph. 966-6300	600	1998
043 083 036 023 094	C	17	AT&T Ojus Building - 5th Floor Renovation Phases I, II & III Miami, Florida	Mr. Timothy Sievers, Ph. 305-613-5808 AT&T 460 NE 215th Street, 5th Floor Miami, FL 33179	5,000	2000
043 080 083 036 023 094	C	18	Donax WWTP - Phase 2A Sanibel, Florida	Mr. John Hefty, Utilities Director, 941-472-1008 City of Sanibel 800 Dunlop Rd. Sanibel, FL 33957-4096	1,400	2002
043 080 083 023 094	C	19	Eustis WWTP Eustis, Florida	Mr. Erwin Gajentan, Ph. 352-357-5618 City of Eustis 901 Bates Avenue Eustis, FL 32726	1,200	2000

043 080 083 036 023 094	C	20 Homestead WWTP Phase I, II & III Homestead, Florida	Mr. Mike Shehadeh, P.E., 305-247-1801 City of Homestead 790 N. Homestead Blvd. Homestead, FL 33030-6299	1600	1998
043 080 083 036 023 094	P	21 NE WWTP Expansion Clearwater, Florida	Mr. Kelly O'Brien, Proj. Engineer, 727-562-4591 City of Clearwater P.O. Box 4748 Clearwater, FL 34618-4748	1,500	2001
043 080 083 036 023 094	P	22 Miramar Pump Station & Ground Storage Tank Miramar, Florida	Henry E. Talton, P.E., City Engineer City of Miramar Public Works 6901 Miramar Parkway Miramar, FL 33023-6004, ph. 954-967-1663	600	2001
043 080 083 036 023 094	P	23 Venice RO Hypochlorite Facility City of Venice, Florida	Mr. John M. Lane, Dir. of Utilities City of Venice 401 W. Venice Avenue Venice, FL 34285	500	2001
080 083	C	24 Lift Station No. 44 City of Coconut Creek, Florida	Ms. Sheila S. McGann, Ph. 954-973-6730 City of Coconut Creek 4800 W. Copans Rd. Coconut Creek, FL 33063	45	2002
043 080 083 036 023 094	C	25 Reservoir No. 1 RO WTP Clearwater, Florida	Mr. Andy Neff, P.E., Ph. 727-562-4960 City of Clearwater Public Utilities 1650 N. Arcturus Avenue, Suite C Clearwater, FL 33765	3,500	2003
043 080 083 036 023 094		26 Lake Groves WWTP Expansion Lake Groves Utilities, Inc.	Mr. Jerry Salsano, P.E., Ph. 407-869-1919 Lake Groves Utilities, Inc. 200 Weathersfield Avenue Altamonte Springs, FL 32714	500	2000
		27			
		28			
		29			
		30			
12. The foregoing is a statement of facts			Date:		
Signature: 			Typed Name and Title: Lillian M. Reyes, P.E., President		
			Date: 07/16/10		

**STANDARD
FORM (SF)**

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Architect-Engineer
and Related Services
Questionnaire for
Specific Project

1. Project Name/Location for which Firm is Filing:

2a. Commerce Business
Daily Announcement
Date, if any:

2b. Agency Identification
Number, if any:

3. Firm (or Joint-Venture) Name & Address

**Electrical Design Associates, Inc.
4733 West Atlantic Avenue, Suite 12-C
Delray Beach, FL 33445**

3a. Name, Title & Telephone Number of Principal to Contact

**Lillian M. Reyes, P.E., President
561-819-5556**

3b. Address of office to perform work, if different from item 3

4. Personnel by Discipline: (List each person only once, by primary function.) Enter proposed consultant personnel to be utilized on this project on line (A) and In-house personnel on line (B).

(A) <u>(B)</u> 1 Administrative	(A) <u>(B)</u> 2 Electrical Engineers	(A) <u>(B)</u> Oceanographers	(A) <u>(B)</u> 1 Instrumentation Designer
(A) <u>(B)</u> Architects	(A) <u>(B)</u> Estimators	(A) <u>(B)</u> Planners: Urban/Regional	(A) <u>(B)</u> 1 Field Superintendent
(A) <u>(B)</u> Chemical Engineers	(A) <u>(B)</u> Geologists	(A) <u>(B)</u> Sanitary Engineers	
(A) <u>(B)</u> Civil Engineers	(A) <u>(B)</u> Hydrologists	(A) <u>(B)</u> Soils Engineers	
(A) <u>(B)</u> Construction Inspectors	(A) <u>(B)</u> Interior Designers	(A) <u>(B)</u> Specification Writers	
(A) <u>(B)</u> 1 Draftsmen	(A) <u>(B)</u> Landscape Architects	(A) <u>(B)</u> Structural Engineers	
(A) <u>(B)</u> Ecologists	(A) <u>(B)</u> Mechanical Engineers	(A) <u>(B)</u> Surveyors	
(A) <u>(B)</u> Economists	(A) <u>(B)</u> Mining Engineers	(A) <u>(B)</u> Transportation Engineers	(A) <u>(B)</u> 6 Total Personnel

5. If submittal is by JOINT-VENTURE list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together? Yes No

7. Brief resume of key persons, specialists, and individual consultants anticipated for this project.

<p>a. Name and Title: Lillian M. Reyes, P.E. President</p> <p>b. Project Assignment: Project Manager</p> <p>c. Name of Firm with which associated: Electrical Design Associates, Inc.</p> <p>d. Years Experience: With this Firm <u>12</u> With Other Firms <u>10</u></p> <p>e. Education: Degree/Year/Specialization Bachelors of Science Degree in Electrical Engineering, 1988 Florida Atlantic University</p> <p>f. Active Registration: Year First Registered/Discipline Florida - No. 50780 - 1996</p> <p>g. Other Experience and Qualifications relevant to the proposed project: Ms. Reyes is a registered electrical engineer experienced in the design of electrical power distribution and instrumentation for water and wastewater facilities throughout the state of Florida. Ms. Reyes is also experienced in land development projects, roadway lighting systems, sports field lighting, security and fire alarm systems for industrial, commercial and government facilities, manufacturing facilities, computer rooms, schools, hospitals and residential dwellings. Ms. Reyes project responsibilities encompass preliminary and final design, cost estimating, and construction/start-up services. She participates on quality assurance/quality control teams to evaluate electrical systems, technical conformance to codes and adherence to a project's overall design scheme. She interfaces with other project consultants, as well as client and vendor representatives.</p>	<p>a. Name and Title: John Newton Instrumentation Designer</p> <p>b. Project Assignment: Project Engineer</p> <p>c. Name of Firm with which associated: Electrical Design Associates, Inc.</p> <p>d. Years Experience: With this Firm <u>9</u> With Other Firms <u>23</u></p> <p>e. Education: Degree(s)/Year/Specialization B.S. in Electrical Engineering Newcastle Polytech, England, 1975</p> <p>f. Active Registration: Year First Registered/Discipline N/A</p> <p>g. Other Experience and Qualifications relevant to the proposed project: Mr. Newton is an electrical designer with almost 30 years experience in planning, designing and installing control systems. The majority of this experience has been in the water and wastewater industries. During this time he has managed multi-million dollar projects for a water/wastewater control system supplier as well as providing consulting engineering services to those industries for over 14 years. Mr. Newton has designed plant control systems for water and wastewater treatment plants with capacities up to 200 MGD as well as SCADA systems for lift station collection facilities, water distribution pump stations, and reclaimed water systems. He has developed strategic automation plans for some of the largest utilities in the country. Such plans have covered all aspects of a utility's operation including plant automation, maintenance management, customer service, GIS and engineering. Mr. Newton is experienced in many different water and wastewater treatment processes. He has also utilized a number of different procurement strategies to ensure the optimum system is obtained while remaining within a particular utility's procurement policies.</p>
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7. Brief resume of key persons, specialists, and individual consultants anticipated for this project.

<p>a. Name and Title:</p>	<p>a. Name and Title:</p>
<p>b. Project Assignment:</p>	<p>b. Project Assignment:</p>
<p>c. Name of Firm with which associated:</p>	<p>c. Name of Firm with which associated:</p>
<p>d. Years Experience: With this Firm _____ With Other Firms _____</p>	<p>d. Years Experience: With this Firm _____ With Other Firms _____</p>
<p>e. Education: Degree/Year/Specialization</p>	<p>e. Education: Degree(s)/Year/Specialization</p>
<p>f. Active Registration: Year First Registered/Discipline</p>	<p>f. Active Registration: Year First Registered/Discipline</p>
<p>g. Other Experience and Qualifications relevant to the proposed project:</p>	<p>g. Other Experience and Qualifications relevant to the proposed project:</p>

8. Work by firms or joint-venture members which best illustrate current qualifications relevant to this project (list not more than 10 projects).

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Project Owner's Name & Address and Project Manager's Name & Phone Number	d. Completion Date (actual or estimated)	e. Estimated Cost (In Thousands)	
				Entire Project	Work For Which Firm Was/is Responsible
(1) Iron Bridge Water Reclamation Facility City of Orlando	Engineering services associated with the evaluation of the facility standby system and preparation of direct purchase specifications.	Mr. Robert Rutter, P.E., City of Orlando One City Commons 400 South Orange Avenue Orlando, FL 32801, 407-246-2573	04/06	2,000	2,000
(2) Iron Bridge Water Reclamation Facility City of Orlando	Engineering services associated with the evaluation of the facility electrical system and preparation of direct purchase 15 V cable Specs.	Mr. Robert Rutter, P.E., City of Orlando One City Commons 400 South Orange Avenue Orlando, FL 32801, 407-246-2573	04/06	750	750
(3) Iron Bridge Water Reclamation Facility City of Orlando	Engineering services associated with the preparation of direct purchase specifications for 15 kV switchgear.	Mr. Robert Rutter, P.E., City of Orlando One City Commons 400 South Orange Avenue Orlando, FL 32801, 407-246-2573	04/06	1,000	1,000
(4) Iron Bridge Water Reclamation Facility City of Orlando	Engineering services associated with the installation design of facility 13 kV electrical system.	Mr. Robert Rutter, P.E., City of Orlando One City Commons 400 South Orange Avenue Orlando, FL 32801, 407-246-2573	04/07	2,200	2,000
(5) Water Conserv II WRF City of Orlando	Engineering services associated with the complete upgrade of the facility 13 kV distribution of normal and standby power.	Mr. Robert Rutter, P.E., City of Orlando One City Commons 400 South Orange Avenue Orlando, FL 32801, 407-246-2573	12/09	10,000	8,000

CAM 17 0102

8. Work by firms or joint-venture members which best illustrate current qualifications relevant to this project (list not more than 10 projects).

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Project Owner's Name & Address and Project Manager's Name & Phone Number	d. Completion Date (actual or estimated)	e. Estimated Cost (In Thousands)	
				Entire Project	Work For Which Firm Was/is Responsible
(6) BRP Utility Site Palm Beach County, Florida	Electrical, Instrumentation, HVAC and Plumbing Design associated with water/wastewater pump station.	Brian Shields, P.E., Engineering Director PB County Water Utilities 8100 Forest Hill Blvd, WPB, FL 33416 561-493-6081	11/07	9,000	2,000
(7) Palm Beach County Biotech Research Park Palm Beach County, Florida	Electrical infrastructure design for 900 Acre parcel	Mike McPhearson, Capital Improvements Division, 3323 Belvedere Road, Bldg 503 WPB, FL 33406 561-233-0278	01/07	100,000	20,000
(8) North region Pump Station Palm Beach County, Florida	Electrical, Instrumentation, HVAC and Plumbing Design associated with water/wastewater pump station.	Brian Shields, P.E., Engineering Director PB County Water Utilities 8100 Forest Hill Blvd, WPB, FL 33416 561-493-6081	10/08	8,000	1,800
(9) Sunflower Pump Station Orange County, Florida	Electrical, Instrumentation, HVAC and Plumbing Design associated with wastewater pump station.	Tony Campbell, Chief Utility Inspector 9150 Curry Ford Road Orlando, FL 32825 407-254-9793	10/05	1,000	600
(10) Hypochlorite Feed System at Orange County WSF Facilities	Electrical and Instrumentation Design associated with addition of hypochlorite feed system at 14 County facilities.	Chuck Digerlando 9150 Curry Ford Road Orlando, FL 32825 407-254-9728	10/03	500	250

CAM 17 0102

10. Use this space to provide any additional information or description of resources (including any computer design capabilities) supporting your firm's qualifications for the proposed project.

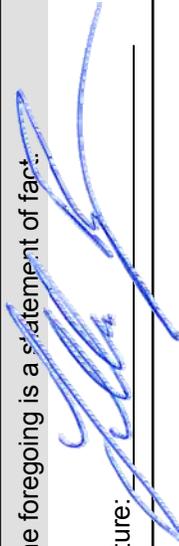
Electrical Design Associates, Inc. is a small sized consulting engineering firm specializing in electrical and instrumentation design. We provide consulting engineering services primarily to the public sector. In September of 1998, Electrical Design Associates, Inc. was formed as a minority owned business with offices in Palm County and Orange County. Our present staff includes registered engineers, an instrumentation designer, and designer/cadd technicians.

Our staff's electrical experience includes electrical and instrumentation system designs for industrial plants, specifically Water and Wastewater Treatment Facilities located throughout the state of Florida. Our electrical distribution systems experience covers the full range up to 4,160 volt distribution systems as well as standby generator systems. Our instrumentation systems design experience includes SCADA and PC based systems, as well as numerous traditional plant monitoring and control panel designs. Our design experience encompasses computer/PLC controlled systems utilizing SCADA based systems for interfacing to remote locations, as well as hard wired relay controlled custom solutions. The firms other capabilities includes life cycle analysis, value engineering, and construction administration.

Electrical Design Associates, Inc. is staffed to provide engineering services from inception through design, bid and construction completion. We take pride in the fact that while we are a small sized firm, we utilize state of the art computerization to accomplish our design projects and project management which allows us to provide enhanced production quality, lower operating costs and closer engineer participation.

11. The foregoing is a statement of fact.

Date:

Signature:  Typed Name and Title: Lillian M. Reyes, P.E., President

07/16/2010

Required Forms

Following are required forms provided:

Cost Proposal
Local Business Preference
Non-collusion Statement
Contract Payment Method
Signature Certificate
Sample Insurance Certificate
Business Licenses

5.3 Contract Award

The City reserves the right to award a contract to that Consultant who will best serve the interest of the City. The City reserves the right, based upon its deliberations and in its opinion, to accept or reject any or all proposals. The City also reserves the right to waive minor irregularities or variations of the submittal requirements and RFP process.

****End of Section****

SECTION 1 - COST PROPOSAL PAGE

Proposer Name: Revere Control Systems, Inc.

Proposer agrees to supply the products and services at the prices bid below in accordance with the terms, conditions and specifications contained in this RFP.

Cost to the City: Contractor must quote firm, fixed, hourly rate for all services identified in this request for proposal. These firm fixed hourly rates for the project include any costs for travel and miscellaneous expenses. No other costs will be accepted. Multiply the hourly rate times the estimated annual hours for the total estimated annual cost.

The City reserves the right to add other personnel to supplement the list below for other projects on an as needed basis.

	<u>\$/Hour</u>	<u>Estimated Hours</u>	<u>Estimated Cost</u>
1. PROJECT MANAGER	<u>\$155.00</u>	150	<u>\$23,250.00</u>
2. SYSTEM/DATABASE ADMINISTRATOR	<u>\$140.00</u>	75	<u>\$10,500.00</u>
3. SYSTEM ENGINEER	<u>\$140.00</u>	150	<u>\$21,000.00</u>
4. COMMUNICATIONS ENGINEER	<u>\$140.00</u>	100	<u>\$14,000.00</u>
5. CONTROL SYSTEM TECHNICIAN	<u>\$110.00</u>	1100	<u>\$121,000.00</u>
6. CAD OPERATOR	<u>\$ 75.00</u>	150	<u>\$11,250.00</u>
Total Estimated Annual Cost			<u>\$201,000.00</u>

Submitted by:

Robert R. Adams
Name (printed)

September 16, 2016
Date


Signature

President
Title

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LOCAL BUSINESS PREFERENCE

Section 2-199.2, Code of Ordinances of the City of Fort Lauderdale, (Ordinance No. C-12-04), provides for a local business preference.

In order to be considered for a local business preference, a bidder must include the Local Business Preference Certification Statement of this ITB, as applicable to the local business preference class claimed **at the time of bid submittal**:

Upon formal request of the City, based on the application of a Local Business Preference the Bidder shall within ten (10) calendar days submit the following documentation to the Local Business Preference Class claimed:

- A) Copy of City of Fort Lauderdale current year business tax receipt, **or** Broward County current year business tax receipt, **and**
- B) List of the names of all employees of the bidder and evidence of employees' residence within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the local business preference.

THE COMPLETE LOCAL BUSINESS PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK:

<http://www.fortlauderdale.gov/purchasing/index.htm>

Definitions: The term "Business" shall mean a person, firm, corporation or other business entity which is duly licensed and authorized to engage in a particular work in the State of Florida. Business shall be broken down into four (4) types of classes:

1. Class A Business – shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone and staffed with full-time employees within the limits of the City **and** shall maintain a staffing level of the prime contractor for the proposed work of at least fifty percent (50%) who are residents of the City.
2. Class B Business - shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone and staffed with full-time employees within the limits of the City **or** shall maintain a staffing level of the prime contractor for the proposed work of at least fifty percent (50%) who are residents of the City.
3. Class C Business - shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone **and** staffed with full-time employees within the limits of Broward County.
4. Class D Business – shall mean any Business that does not qualify as either a Class A, Class B, or Class C business.

LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the local BUSINESS preference classification as indicated herein, and further certifies and agrees that it will re-affirm its local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this ITB. Violation of the foregoing provision may result in contract termination.

(1) _____ is a **Class A** Business as defined in City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the City of Fort Lauderdale current year Business Tax Receipt **and** a complete list of full-time employees and their addresses shall be provided within 10 calendar days of a formal request by the City.

Business Name

(2) _____ is a **Class B** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Business Tax Receipt **or** a complete list of full-time employees and their addresses shall be provided within 10 calendar days of a formal request by the City.

Business Name

(3) _____ is a **Class C** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Broward County Business Tax Receipt shall be provided within 10 calendar days of a formal request by the City.

Business Name

(4) _____ requests a **Conditional Class A** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

Business Name

(5) _____ requests a **Conditional Class B** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

Business Name

(6) Revere Control Systems, Inc. is considered a **Class D** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. and does not qualify for Local Preference consideration.

Business Name

BIDDER'S COMPANY: Revere Control Systems, Inc.

AUTHORIZED COMPANY PERSON: Robert R. Adams  9/16/2016
NAME SIGNATURE DATE

NON-COLLUSION STATEMENT:

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

NAME

RELATIONSHIPS

-

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

CONTRACT PAYMENT METHOD BY P-CARD

THIS FORM MUST BY SUBMITTED WITH YOUR RESPONSE

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to payment by credit card via MasterCard or Visa. This allows you as a vendor of the City of Fort Lauderdale to receive your payment fast and safely. No more waiting for checks to be printed and mailed.

Payments will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, firms must presently have the ability to accept credit card payment or take whatever steps necessary to implement acceptance of a credit card before the commencement of a contract.

Please indicate which credit card payment you prefer:

 Master Card

 Visa Card

Company Name: Revere Control Systems, Inc.

Brenda Holleman
Name (printed)

Brenda Holleman
Signature

September 16, 2016
Date:

CFO
Title

Revere Control Systems, Inc.

BID/PROPOSAL CERTIFICATION

Please Note: All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/>).

Company: (Legal Registration)

Address:

City: State: Zip:

Telephone No. F A X N o . E m a i l :

Delivery: Calendar days after receipt of Purchase Order (section 1.02 of General Conditions):

Payment Terms (section 1.04 of General Conditions):

Total Bid Discount (section 1.05 of General Conditions):

Does your firm qualify for MBE or WBE status (section 1.09 of General Conditions): MBE WBE

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>
<input type="text" value="1"/>	<input type="text" value="8/26/2016"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="2"/>	<input type="text" value="9/13/2016"/>	<input type="text"/>	<input type="text"/>

VARIANCES: If you take exception or have variances to any term, condition, specification, scope of service, or requirement in this competitive solicitation you must specify such exception or variance in the space provided below or reference in the space provided below all variances contained on other pages within your response. Additional pages may be attached if necessary. No exceptions or variances will be deemed to be part of the response submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A. **If submitting your response electronically through BIDSYNC you must also click the "Take Exception" button.**

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated

subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, that in no event shall the City's liability for respondent's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Rorbert R. Adams
Name (printed)


Signature

September 16, 2016
Date:

President
Title



CERTIFICATE OF LIABILITY INSURANCE

REVER01

OP ID: H2

DATE (MM/DD/YYYY)

12/29/2015

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 - Birmingham 115 Office Park Drive, Ste 200 Birmingham, AL 35223 Burgett Tonsmeire	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
	INSURER(S) AFFORDING COVERAGE		NAIC #
INSURED Revere Control Systems, Inc. 2240 Rocky Ridge Road Birmingham, AL 35216	INSURER A: Charter Oak Fire		25615
	INSURER B: Phoenix Insurance Company		25623
	INSURER C: Travelers P&C of America		19046
	INSURER D: Alabama Self-Insured WC Fund		055020
	INSURER E: Midwest Employers Casualty Co.		23612
	INSURER F: Lloyds of London		

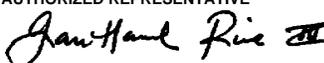
COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

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	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			630-6D652658-COF-15	11/21/2015	11/21/2016	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	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			810-6D652658-PHX-15	11/21/2015	11/21/2016	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			CUP-6D652658-TIL-15	11/21/2015	11/21/2016	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
D	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	120900	01/01/2016	01/01/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> 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
E				PMAL129001	01/01/2016	01/01/2017	
F	Professional Ded: \$25,000			ANE130969914 RETRO DATE:VRS CLMS MD	11/21/2015	11/21/2016	Per Claim 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)

Sample Certificate**CERTIFICATE HOLDER****CANCELLATION**

SAMPL01 Sample	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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State of Florida

Department of State

I certify from the records of this office that REVERE CONTROL SYSTEMS, INC. is an Alabama corporation authorized to transact business in the State of Florida, qualified on December 5, 1996.

The document number of this corporation is F96000006332.

I further certify that said corporation has paid all fees due this office through December 31, 2016, that its most recent annual report/uniform business report was filed on January 5, 2016, 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, 2016*



Ken Detjmer
Secretary of State

Tracking Number: CC7551848428

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



**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!



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**



11:54:20 AM 3/9/2015

Licensee Details

Licensee Information

Name: **Revere Control Systems (Primary Name)**
(DBA Name)

Main Address: **2240 ROCKY RIDGE ROAD**
BIRMINGHAM Alabama 35216

License Mailing:

LicenseLocation:

License Information

License Type: **Certificate of Authorization**

Rank: **Cert of Auth**

License Number: **8769**

Status: **Current,Active**

Licensure Date: **01/05/2001**

Expires: **02/28/2017**

Special Qualifications **Qualification Effective**

[View Related License Information](#)

[View License Complaint](#)

1940 North Monroe Street, Tallahassee FL 32399 :: Email: **Customer Contact Center** :: Customer Contact Center: 850.487.1395

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Under Florida law, email addresses are public records. If you do not want your email address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. Please see our **Chapter 455** page to determine if you are affected by this change.

CAM 17-0102

Exhibit 4

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