# BID SUBMITTAL

12300 Forest Hill Blvd.
Wellington, Florida 33414
Process Control Consultants, Inc.
(Vendor)
agrees to provide Utility Process Control Systems Maintenance and Modification in accordance with the requirements and specifications of the Bid Documents for the Village of Wellington as specified.
Gentlemen: The undersigned Bidder has carefully examined the Specification requirements, Bid/Contract Documents and is familiar with the nature and extent of the Work and any local conditions that may in any manner affect the Work to be done.
The undersigned agrees to provide the service called for by the Specifications and Bid Documents, in the manner prescribed therein and to the standards of quality and performance established by the Wellington for the Bid price stated in the spaces herein provided.
The undersigned agrees to the right of the Wellington to hold all Bids and Bid guarantees for a period not to exceed one hundred and twenty (120) days after the date of Bid opening stated in the Invitation to Bid.
The undersigned accepts the invoicing and payment policies specified in the Bid.
Contractor's Signature
Dated this 9th day of October 2014
(Month) (Year)

To:

Village of Wellington

#### **BID ACKNOWLEDGEMENT COVER PAGE**

SUBMIT BIDS TO: Wellington Attn: Clerk's Office 12300 Forest Hill Blvd Wellington, FL 33414 REFER ALL INQUIRIES TO PRIMARY CONTACT: Purchasing Division 12300 Forest Hill Blvd

Wellington, FL 33414 Phone:(561)791-4055/Fax:(561)904-5817 Wellington

# **INVITATION TO BID**

COMMODITY/SERVICE

BID TITLE:

UTIITY PROCESS CONTROL SYSTEMS MAINTENANCE AND MODIFICATION

BID NO: 027-14/JWV

NAME OF FIRM, ENTITY, or ORGANIZATION:					
Process Control Consultants, Inc.					
NAME OF CONTACT PERSON	VENDOR MAILING AD	DDRESS:	GITY	ZIP	STATE:
Frank J. Sczurek	PO Box 1174	1	Loxahatchee	33470	FL.
TITLE	VENDOR HEADQUAR	TERS ADDRESS (IF DIFFERENT):	CITY:	ZIP	STATE:
Secretary / Treasurer	14097 Green		Wellington	33414	FL.
PHONE NUMBER:	• •	FEDERAL EMPLOYER IDENTIFICAT	ION NUMBER (EIN):		,
561-568-1229		65-0694866	,		
EMAIL ADDRESS:		STATE OF FLORIDA BUSINESS LICE	ENSE NUMBER (IF APPLI	CABLE)	
proccon@comcast.net		. •			
FAX NUMBER: 561-791-1511					
ORGANIZATIONAL STRUCTURE (Please Check One):					
Corporation X Partnership	Propriet	orship Joint Ve	nture 🔲	Other C	
If Corporation, please provide the following:	•	•	•		
(A) Date of Incorporation: May 15 / 1996 (B) State or Country of Incorporation: Florida					
Month / Do	y / Year				
I certify that this bid is made without prior understand	ling, agreement, or o	onnection with any corporation	, firm, or person sub	nitting a bid fo	r the same
materials, supplies or equipment, and is in all respects fair and without collusion or fraud. I agree to abide by all terms and conditions of this bid and certify that I am authorized to sign this bid for the bidder and that the bidder is in compliance with all requirements of the invitation to Bid, including but					
not limited to, certification requirements.					
Tank J. Sczurek / Secretary / Treasurer					
AUTHORIZED SIGNATURE (MANUAL) AUTHORIZED SIGNATURE (PRINT OR TYPED) TITLE (PRINT OR TYPED)					

# BID SUBMITTAL

To:
Village of Wellington
12300 Forest Hill Blvd.
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The undersigned accepts the invoicing and payment policies specified in the Bid.
Contractor's Signature
$\nu$ : $\iota$
Dated this 9th day of October 2014
(Month) (Year)

#### **SCHEDULE OF VALUES**

Item#	Description of Service	Unit	Estimated Qty.	Price Per Hr.	Total Price
1	Water Treatment Facility and Water Reclamation Facility: Provide seventy five (75) hours per month of engineering application, system modification or troubleshooting services.	Hrs.	900	\$ 85.00	\$ <u>76500.0</u> 0
	Additional Services				하고 하면 하는 그 사람들이 하는 사람들이 그 사람들이
2	Normal Service in Excess of the Scheduled 75 Hours Per Month	Hrs.	300	\$ 85.00	\$ <u>25500</u> .00
3	Emergencies Requiring Service Within Three (3) Hours	Hrs.	100	\$ 85.00	\$ <u>8500.</u> 00
	Total Items 1 – 3				\$ <u>110500.</u> 00

Quantities are estimates only. Total price shall be used to determine low bidder. Pricing shall include all labor, equipment, incidental fees, expertise as required to provide modification, addition, and corrective maintenance to process control systems on an "as needed" basis. Proposer is required to bid on all items in order to be considered for award.

#### QUESTIONNAIRE

The following Questionnaire shall be completed and submitted in with the Bid. By submission of this Bid, Bidder guarantees the truth and accuracy of all statements and answers herein contained.

1.	How many years has your organization been in business?
2.	What is the last project of this nature that you have completed?  Service contract with Loxahatchee River Environmental Control District - ongoing (20 years)
	Service contract with Wellington water treatment plant - ongoing (18 Years)  Service contract with Wellington wastewater treatment plant - ongoing (18 Years)
3.	Have you ever failed to complete work awarded to you? If so, where and why?  No

4. Name three individuals or corporations for which you have performed work and to which you refer:

Mr. Tom Vaughn	2500 Jupiter Park Drive, Jupiter, Florida	561-747-5709	tom.vaughn@loxahatcheeriver.org
Name	Address	Phone	Email rbrand@wellingtonfl.gov
Mr. Roger Brand	1100 Wellington Trace, Wellington, Florida	561-753-2420	
Name	Address	Phone	Email joe.chung@loxahatcheeriver.org
Mr. Joe Chung	2500 Jupiter Park Drive, Jupiter, Florida	561-747-5709	
Name	Address	Phone	Email

5. List the following information concerning all contracts in progress as of the date of submission of this bid. (In case of co-venture, list the information for all co-venturers.)

Name of Project	Owner	Total Contract Value	Contracted Date of Completion	% of Completion to Date
Wellington WTP	Wellington Utilities	\$2600 - \$3200 /Mo	ongoing	N/A
Wellington WWTP	Wellington Utilities	\$2600 - \$3200 /Mo	ongoing	N/A
LRECD WWTF	Loxahatchee River Dist.	\$8100 - \$11000 /Mo	ongoing	N/A

- 6. Has the bidder or his or her representative inspected the proposed project and does the Bidder have a complete plan for its performance? YES
- 7. Will you subcontract any part of this work? If so, give details including a list of each subcontractor(s) that will perform work in excess of the percent (10%) of the contract amount and the work that will be performed by each subcontractor(s).

Subcontractor	Work to be Performed
NO	

8. What equipment do you own that is available for the work? \_\_\_\_\_\_

Equipment Type	Equipment Type
Computers with applicable SCADA, PLC and OIT	Voltage and current monitoring and sourcing meters
development software. CAD development software.	for system development, calibration and troubleshooting.

9.	What equipment will you purchase for the proposed work? N/A
10.	What equipment will you rent for the proposed work? N/A
11.	State the name of your proposed project manager and give details of his or her qualifications and experience in managing similar jobs. Frank J. Sczurek - 40 years experience in process control and process automation system development and
	maintenance. 28 years experience in Water / Wastewater control system development, installation and maintenance.
12.	The address of principal place of business is14097 Greentree Drive, Wellingtom, Florida
13.	The names of the Corporate Officers, or Partners, or Individuals doing business under a trade name, are as follows:  None
14.	List all organizations which were predecessors to Bidder or in which the principals or officers of the Bidder were principals or officersNone
15.	List and describe all bankruptcy petitions (Voluntary or Involuntary) which have been filed by or against the Bidder, its parent or subsidiaries or predecessor organizations during the past five (5) years. Include in the description the disposition of each such petition.  None
16.	List and describe all successful Performance or Payment Bond claims made to your surety(ies) during the last five (5) years. The list and descriptions should include claims against the bond of the Bidder and its predecessor organization(s).  None
17.	List all claims, arbitrations, administrative hearings and lawsuits brought by or against the Bidder or its predecessor organization(s) during the last five (5) years. The list shall include all case names; case, arbitration, or hearing identification numbers; the name of the project over which the dispute arose; and a description of the subject matter of the dispute.  None
18.	List and describe all criminal proceedings or hearings concerning business related offenses in which the Bidder, its principals or officers or predecessor organization (s) were defendants.  None
19.	Has the Bidder, its principals, officers, or predecessor organization(s) been debarred or suspended from bidding by any government during the last five (5) years? If yes, provide details.  No
20.	List and disclose any and all business relations with any members of Wellington Council.  None

#### DRUG FREE WORKPLACE

Preference shall be given to businesses with drug-free workplace programs. In order to have a drug-free workplace program, a business must attest to the following:

- 1. We publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
- 2. We inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
- 3. We give each employee engaged in providing the commodities or contractual services that are under Bid a copy of the statement specified in subsection (1).
- 4. We, in the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under Bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
- 5. We impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
- 6. We make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

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

Contractor's Signature

# SWORN STATEMENT UNDER SECTION 287.133(3)(a), FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS. This sworn statement is submitted to Village of Wellington [print name of the public entity] Process Control Consultants, Inc. Frank J. Sczurek - Secretary / Treasurer [print individual's name and title] [print name of entity submitting sworn statement] whose business address is 14097 Greentree Drive, Wellington, Florida and (if applicable) its Federal Employer Identification Number (FEIN) is 65-0694866 (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means: a. A predecessor or successor of a person convicted of a public entity crime; or An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate. I understand that a "person" as defined in Paragraph 287.133(1)(c), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, members, and agents who are active in management of partners, shareholders, employees, executives. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. [Please indicate which statement applies.] X Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. [attach a copy of the final order] I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FLED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM, Florida STATE OF [signature] October 6, 2014 Palm Beach COUNTY OF Subscribed and Sworn to (or affirmed) before me on \_October 6, 2014 [date] He/she is personally known to me or has presented [type of identification] [Notary's Signature and Seal] **21** | Page LEIDY CARDONA

> NOTARY PUBLIC STATE OF FLORIDA Comm# EE112011 Expires 7/13/2015

#### CONFLICT OF INTEREST STATEMENT

This Proposal/Agreement (whichever is applicable) is subject to the conflict of Interest provisions of the policies and Code of Ordinances of WELLINGTON, the Palm Beach County Code of Ethics, and the Florida Statutes. During the term of this Agreement and any renewals or extensions thereof, the VENDOR shall disclose to WELLINGTON any possible conflicts of interests. The VENDOR's duty to disclose is of a continuing nature and any conflict of interest shall be immediately brought to the attention of WELLINGTON. The terms below shall be defined in accordance with the policies and Code of Ordinances of WELLINGTON, the Palm Beach County Code of Ethics, and Ch. 112, Part III, Florida Statutes.

CHECK ALL THAT APPLY.

[X] To the best of our knowledge, the undersigned business has no potential conflict of interest for this Agreement due to any other clients, contracts, or property interests.

[X] To the best of our knowledge, the undersigned business has no employment or other contractual relationship with any WELLINGTON employee, elected official or appointed official.

 $[\chi]$  To the best of our knowledge, the undersigned business has no officer, director, partner or proprietor that is a WELLINGTON purchasing agent, other employee, elected official or appointed official. The term "purchasing agent", "elected official" or "appointed official", as used in this paragraph, shall include the respective individual's spouse or child, as defined in Ch. 112, Part III, Florida Statutes.

[X] To the best of our knowledge, no WELLINGTON employee, elected official or appointed official has a material or ownership interest (5% ownership) in our business. The term "employee", "elected official" and "appointed official", as used in this paragraph, shall include such respective individual's relatives and household members as described and defined in the Palm Beach County Code of Ethics.

[ X To the best of our knowledge, the undersigned business has no current clients that are presently subject to the jurisdiction of WELLINGTON's Planning, Zoning and Building Department.

[ ] The undersigned business, by attachment to this form, submits information which may be a potential conflict of interest due to any of the above listed reasons or otherwise.

THE UNDERSIGNED UNDERSTANDS AND AGREES THAT THE FAILURE TO CHECK THE APPROPRIATE BLOCKS ABOVE OR TO ATTACH THE DOCUMENTATION OF ANY POSSIBLE CONFLICTS OF INTEREST MAY RESULT IN DISQUALIFICATION OF YOUR BID/PROPOSAL OR IN THE IMMEDIATE CANCELLATION OF YOUR AGREEMENT, WHICHEVER IS APPLICABLE.

Process Control Consultants, Inc.

**COMPANY NAME** 

AUTHORIZĘD SIGNATURE

Frank J. Sczurek
NAME (PRINT OR TYPE)

Secretary / Treasurer

TITLE

# NON-COLLUSION AFFIDAVIT

State of Florida	
County of Palm Beach	
Being duly sworn deposes and says:	
That he/she is an officer of the parties making the forgoing bid submittal, that sham, that said Bidder has not colluded, conspired, connived or agreed, directly of sham bid or to retrain from bidding and has not in any manner, directly, or communication or conference with any person, to fix the price of affiant or any delement of said price, or that of any other bidder, or to secure any advantage again proposed contract and that all statements in said bid is true.	or indirectly with any bidder or person, to put in a indirectly, sought by agreement of collusion o other bidder, or to fix any overhead, profit of cos
	Process Control Consultants, Inc.
	Name of Bidder
	Frank J. Sczurek
	Print name of designated signatory
	Joseph Mand
	a signature
	Secretary / Treasurer
	Title
On this 6th day of October 2014, before me appeared Frank J. Soldescribed in and who executed this AFFIX AVIT and acknowledged the for the uses and purposes therein described.  In witness thereof, I have hereunto set my hand and affixed seal the day and year land.	
	Notary Public in and for the State of Florida
(Affix Seal Here)	Leidy Cardona (Name Printed)
LEIDY CARDONA NOTARY PUBLIC ESTATE OF FLORIDA Comm#EE112011 Expires 7/13/2015	Residing at Wallington FL.  My commission expires 7/13/2015



# CERTIFICATE OF LIABILITY INSURANCE

OP ID: NT

DATE (MM/DD/YYYY) 03/26/2014

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). Phone: 866-482-2310 CONTACT NAME: PRODUCER Todd-Dorroh Insurance, Inc. Fax: 850-482-7042 PHONE (A/C, No, Ext): E-MAIL 4388 Clinton St. Marianna, FL 32446 Francine Todd CUSTOMER ID #: PROCE-1 INSURER(S) AFFORDING COVERAGE NAIC # **Process Control INSURER A: RLI Insurance Company** INSURED Consultants, Inc. INSURER B: P.O. Box 1174 INSURER C: Loxahatchee, FL 33470 INSURER D: INSURER E: INSURER F **REVISION NUMBER: CERTIFICATE NUMBER: COVERAGES** 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. POLICY EFF POLICY EXP ADDL SUBR INSR WVD TYPE OF INSURANCE POLICY NUMBER LIMITS 1,000,000 GENERAL LIABILITY EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) 12/13/2014 1,000,000 BOP 1025252 12/13/2013 X Α X COMMERCIAL GENERAL LIABILITY 10,000 CLAIMS-MADE X OCCUR MED EXP (Any one person) 1,000,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 1,000,000 PRODUCTS - COMP/OP AGG GEN'L AGGREGATE LIMIT APPLIES PER: s \$ X POLICY COMBINED SINGLE LIMIT AUTOMOBILE LIABILITY s (Ea accident) ANY AUTO BODILY INJURY (Per person) \$ ALL OWNED AUTOS BODILY INJURY (Per accident) SCHEDULED AUTOS PROPERTY DAMAGE S (Per accident) HIRED AUTOS \$ NON-OWNED AUTOS \$ UMBRELLA LIAB **EACH OCCURRENCE** \$ OCCUR AGGREGATE **EXCESS LIAB** CLAIMS-MADE \$ \$ DEDUCTIBLE \$ RETENTION \$ WC STATU-TORY LIMITS WORKERS COMPENSATION AND EMPLOYERS' LIABILITY E.L. EACH ACCIDENT ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? \$ NIA E.L. DISEASE - EA EMPLOYEE \$ (Mandatory in NH)
If yes, describe under
DESCRIPTION OF OPERATIONS below E.L. DISEASE - POLICY LIMIT 12/13/2013 12/13/2014 CONTENTS 35.000 **BOP 1025252** CONTENTS DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required) Village of Wellington is listed as Additional Insured with respects to General Liability. CANCELLATION CERTIFICATE HOLDER VILLAGE SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. Village of Wellington 14000 Greenbriar Blvd. Wellington, FL 33414 AUTHORIZED REPRESENTATIVE Francine Todd

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# Bid No. 027-14/JWV Attachment A Submittal referencing "Qualifications" (page 14) of bid documents

- 1. Process Control Consultants, Inc. (PCC) has ongoing continuing service contracts with the following municipalities:
  - a. Wellington WTP This contract has been active for 18 years.

PCC supplies system modifications and additions, maintenance, corrective actions (normal working hours and emergency) and other process needs as required. This contract supplies control system support for all systems of overall plant operation.

Off-site systems, RO wells, Lime wells and Booster Stations, are included in this contract.

The plant control system consists of the following PLC/PAC (Programmable Logic Controllers/Programmable Automation Controllers) processors and associated I/O:

- 1 EA Allen-Bradley PLC-5/40
- 1 EA GE 9070 PLC
- 2 EA GE 9030 PLC's
- 1 EA Allen-Bradley SLC-5/01 PLC
- 2 EA Allen-Bradley L61 ControlLogix PAC's

All GE PLC's are scheduled to be replaced with Allen-Bradley ControlLogix PAC's with the coming plant modifications.

Plant remote site control systems consist of the following PLC processors and associated I/O.

4 EA Allen-Bradley SLC-5.01 PLC's 1 EA Allen-Bradley CompactLogix PAC 13 EA Allen-Bradley MicroLogix PLC's

The plant SCADA systems are GE iFIX and Trihedral VTScada.

b. Wellington WWTP – This contract has been active for 18 years.

PCC supplies system modifications and additions, maintenance, corrective actions (normal working hours and emergency) and other process needs as required. This contract supplies control system support for all systems of overall plant operation.

All off-sit reuse stations are supported under this contract.

The plant control system consists of the following PLC processors and associated I/O:

1 EA Allen-Bradley PLC-5/40 11 EA Allen-Bradley SLC-5/01 PLC's

Plant remote site control systems consist of the following PLC processors and associated I/O.

7 EA Allen-Bradley MicroLogix PLC's

The plant SCADA systems are GE iFIX and Wonderware.

c. Loxahatchee River Environmental Control District WWTF – This contract has been active for 20 years.

PCC supplies system modifications and additions, maintenance, corrective actions (normal working hours and emergency) and other process needs as required. This contract supplies control system support for all systems of overall plant operation.

PCC has upgraded plant control facilities that have become obsolete. Recently the entire plant control system, consisting of 6 Allen-Bradley ControlLogix PAC's and associated remote I/O modules, has been upgraded to a single plant processor with Redundancy. The processors used are of the new Allen-Bradley L7X series PAC's.

The plant SCADA systems are GE iFIX, Trihedral VTScada and Allen-Bradley RSView. Several remote stations run on RSView as "stand alone SCADA".

PCC also supports off-site systems including ABACOA IQ water and wastewater, Master Lift Station and all IQ stations supplying golf courses.

The main plant control system consists of the following PLC/PAC processors and associated I/O:

- 3 EA ControlLogix L73 PAC's configured as a dual redundancy system.
- 4 EA Direct Logic PLC's dedicated to Aeration Blowers.
- 5 EA Allen-Bradley CompactLogix PAC's dedicated to Fuzzy Filters.

The Direct Logic and CompactLogix PLC's are scheduled to be replaced with Allen-Bradley ControlLogix PAC's with the Deep Filter installation.

PCC supplies complete calibration (scheduled and annual), maintenance and replacement of over 150 plant and off-site sensors. The sensors include flow, pressure, level, conductance, ORP, DO, TSS, pH and chlorine detection.

PCC personnel have security clearances at all three plants. The following personnel support the three contracts:

Frank J. Sczurek 14097 Greentree Drive Wellington, Florida 33414

John T.B. Sczurek 1446 Goyer Road S.E. Palm Bay, Florida 32909

- 2. PCC has performed control system modifications and additions at the following Palm Beach County sites:
  - a. Southern Region Water Reclamation Facility

Clarifier RAS and Waste control Aeration Blower Control (including overall plant Alkalinity control) Headworks Screen and Grit Removal control Several other plant processes over a 2 year period.

All controller processors and I/O were Allen-Bradley PLC -5 family units.

## b. System 3 WTP

Performed a complete software upgrade of the plant 4 processor control system. All systems and sub-systems were included. All processors and associated I/O were Allen-Bradley PLC-5 family units.

Developed a new control software system for IQ water feed from the Southern Region Facility to the Jog Road Wetlands site. System development was performed at both the system 3 and Southern Region facilities to support the Wetlands.

### c. System 2 WTP

Performed control software modifications in several plant and remote processes.

All processors and associated I/O were Allen-Bradley PLC-5 family units.

- 3. PCC performed process control system support for the city of Sunrise on an as needed basis. Both water and wastewater plants were serviced. PLC programming modifications and SCADA system database and graphics screen modifications were included in maintenance and upgrade projects.
  The processors and associated I/O were GE 9070 and GE 9030 PLC's. The SCADA system was GE "Simplicity".
- 4. PCC has fabricated and installed several IQ pump and delivery stations in the Jupiter area. They include the following:
  - a) Station 512 IQ pump station Allen-Bradley CompactLogix processor and I/O.
     2 pump operation with Mag flow meter and well level sensor.
     Contracted through Blazer Construction Industries, Inc.
  - b) Station 530 IQ delivery (Jupiter Country Club) Allen-Bradley SLC-3 PLC and I/O. Valve control to supply specified water allotment to customer. Contracted through Blazer Construction Industries, Inc.
  - c) Ritz Carlton IQ delivery Allen-Bradley SLC-3 PLC and I/O. Valve control to supply specified water allotment to customer.
- 5. PCC has supplied in depth process control training for individual plants and training for county wide management and operations personnel.
  - PCC also supplies process control CEU training. CEU classes cover sensor electronics, process meter operation, process control overview and PID control, among other topics.

#### JOHN T. SCZUREK

1446 Goyer Road S.E. Palm Bay, FL 32909 321-313-4078 john@ladderlogix.com

#### **Education:**

#### Brevard Community College; 2002-2004

- > A.A., 3.8 / 4.0 G.P.A.
- National Dean's List, Dean's List, Presidents list, Phi Theta Kappa honors society.

#### South Georgia Technical Institute; 1994-1996

- Degree in Electronics Fundamentals with a 4.0 / 4.0 G.P.A.
- President of VICA, Student of the Month, President's List, AT&T Scholarship, Georgia
   Occupational Award for Leadership finalist.

#### Abraham Baldwin Agricultural College; 1991-1993

- A.S. in Secondary Education-Mathematics, 1993
- National Dean's List, President's List, Dean's List, 3.2 / 4.0 G.P.A.

#### **Experience:**

#### Process Control Consultants; P.O. Box 1174, Loxahatchee, FL 33470

#### **Process Analyst**

Troubleshoot, design, upgrade, and installed both SCADA and ladder logic software. Install and troubleshot PLC/ PAC and computer hardware. Install, repair and calibrate all forms of instrumentation for water/waste water plants. Design and install instrumentation packages as standalone units, as part of a new control system and as an addition to existing control systems. Design, build and install single and three phase control cabinets with controls, digital communication and instrumentation. Design system manuals and Monthly Operational Report databases / forms for water and waste water plants.

August 1997-Present.

#### VCR Doctor; Americus, GA 31709

Troubleshoot and repair numerous types of electronics. Refurbished and reprogrammed micro computer systems.

November 1994-June 1996.

#### Abraham Baldwin Agricultural College; ABAC Station, Tifton, GA 31794-2601:

Laboratory assistant. Solely responsible for inorganic and organic laboratories. Completely reorganized inorganic laboratories. April 1992-August 1993.

# Technical Skills:

Proficiency in MSOffice, OpenOffice, AutoCAD, electronic testing equipment, small network installation and repair, control / SCADA software, all forms of instrumentation related to controls as well as their related calibration / troubleshooting tools.

## **RESUME'**

Frank J. Sczurek 14097 Greentree Drive Wellington, Florida 33414 (561) 568-1229

1995 to present

Process Control Consultants, Inc. PO Box 1174 Loxahatchee, Florida 33470

Process Analyst Company Secretary/Treasurer

All phases of process control system design and development for the water and wastewater industry throughout Florida.

PLC, PAC and SCADA system hardware and software development.

#### Water:

Design of complete system enclosures with all control equipment and appurtenances.

Modification of existing systems to support expansion or process additions.

System sequencing algorithms for wells, transfer pumps, distribution Pumps etc.

Control algorithms for process valve and pump control.

Chemical feed control for acid, antiscalent, polymer etc.

Monitoring of process parameters such as pressure, flow, level, ORP, pH etc.

SDCADA database and graphics development to support all system monitoring, graphs, trending and operator interface.

Special monitoring algorithms for total plant automation, including well sequencing, train start/stop operation by pressure, flow and tank level parameters.

Customers included Palm Beach County system 2, system 3, system 8, Wellington WTP, City of Sunrise WTP, Vero Beach WTP.

#### Wastewater

Design of complete system enclosures with all control equipment and appurtenances.

Modification of existing systems to support expansion or process additions.

Software development for all processes of plant operation including head works, aeration, clarifiers, filters, IQ, injection well and dewatering.

Control software for pump start/stop, sequencing, speed control etc.

Control software for valve regulation for pressure, flow, level control.

Chemical feed controls for pH, ORP, turbidity, TSS, DO etc.

All SCADA database and graphics development for display, graphing, trending, operator interface etc.

Customers included Palm Beach County Southern Regional Water Reclamation Facility, Loxahatchee River Environmental Control District, Wellington WWTP, City of Sunrise WWTP.

1986 to 1990

Project Integration, Inc. Jupiter, Florida

Controls Engineer

Developed control system software and SCADA packages for water, wastewater and DOT projects in southeast Florida.

Customers included Loxahatchee River Environmental Control District, Vero Beach WWTP, North Springs WTP, Coral Ridge WWTP, Tamarac WWTP, Florida DOT. 1981 to 1986

Process and Data Control Consultants, Inc. Albany, Georgia

Process Analyst Company Secretary/Treasurer

Developed process control, process automation and Data Acquisition software Systems for the manufacturing industry in southeast U.S. and Europe.

Developed automation and data acquisition systems for Procter & Gamble at the company's Albany, Georgia facility.

Developed snap shot production reporting software for high speed converting lines.

Developed single pad reject algorithms for diaper lines.

Developed similar systems for Procter & Gamble at production plants in Europe, including plants in Italy, Germany and England. Project management was through P&G Brussels headquarters.

Supplied training services for Procter engineering, management and operations personnel. U.S. training was performed in the Albany plant with personnel brought in from P&G plants in Pennsylvania, Missouri and California. Europe training performed in Germany with personnel brought in from Italy, England and Saudi Arabia.

1973 to 1981

Measurex corp. Cupertino, California

Field Technical Manager

Manufactured process control systems for throughput industries. Processes included pulp and paper, building products, plastic film, tobacco, double knit fabrics, tire sidewalls and tread extrusion, energy; systems including load shedding and gas emission analysis.

Managed customer sites with one or more dedicated field engineers maintaining system operation under Continuing Service Contracts.

Systems supported nuclear basis weight sensors, infra-red moisture sensors, contacting caliper sensors and various process sensors for gas analysis, additive blending, etc.

Responsible for site budget, staffing and customer interface.

1969 to 1973

Sperry Gyro Inc. Waterbury, Connecticut

Electronic Engineer

Manufactured naval and air bourn guidance systems, computer based fire control systems, surface sonar systems, RADAR systems and various equipment under government contract.

Managed a three shift operation for system test and quality control.