



CENTRALBIDDING
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**SOQ 21-009 PROVIDE PROFESSIONAL MECHANICAL & ELECTRICAL
ENGINEERING SERVICES**

Jefferson Parish Government

Project documents obtained from www.CentralBidding.com

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Technical Evaluation Committee (TEC) Questionnaire

Instructions

- The Technical Evaluation Committee (TEC) Questionnaire shall be used for professional services related to architecture, engineering, or survey projects.
- The TEC Questionnaire should be completely filled out. Complete and attach ALL sections. Insert "N/A" or "None" if a section does not apply or if there is no information to provide.
- Questionnaire must be dated and signed by an authorized representative of the Firm. Failure to sign the questionnaire shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- All subcontractors must be listed in the appropriate section of the Questionnaire. Each subcontractor must provide a complete copy of the TEC Questionnaire, applicable licenses, and any other information required by the advertisement. Failure to provide the subcontractors' complete questionnaire(s), applicable licenses, and any other information required by the advertisement shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- If additional pages are needed, attach them to the questionnaire and include all applicable information that is required by the questionnaire.

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 21-009 PROVIDE PROFESSIONAL MECHANICAL & ELECTRICAL ENGINEERING SERVICES

B. Firm Name & Address where Project work will be performed:

Interlynx Group, L.L.C.
5620 Pepsi St.
Harahan, LA 70123

C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

David Scalise, P.E.
President - Interlynx Group, L.L.C.
Ph. 504-273-0145
Fax. 504-729-4046
Email: dscalise@interlynxec.com
LAPELS Lisc.# 30745 - Electrical Engineering

D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.

David Scalise, P.E.
President - Interlynx Group, L.L.C.
Ph. 504-273-0145
Fax. 504-729-4046
Email: dscalise@interlynxec.com
LAPELS Lisc.# 30745 - Electrical Engineering

E. Please provide the number of employees whose primary function corresponds with each category:

<u>1</u> Administrative	<u>1</u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u> </u> Civil Engineers	<u> </u> Interior Designers	<u>1</u> Project Managers
<u> </u> Construction Inspectors	<u> </u> Landscape Architects	<u> </u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u>1</u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u> </u> Engineer Intern	<u> </u> Environmental Engineers	
<u> </u> Professional Land Surveyors		<u>4</u> TOTAL

F. Is this submittal by a JOINT-VENTURE? Please check: YES NO X

If marked "No" skip to Section I. If marked "yes" complete Sections G-H.

TEC Professional Services Questionnaire

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.

1. N/A

2. N/A

H. Has this JOINT-VENTURE previously worked together? Please check:

YES _____ NO _____ N/A

I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. None		
2.		
3.		

J. Please specify the total number of support personnel that may assist in the completion of this Project:

4

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

David Scalise, P.E.
President - Interlynx Group, L.L.C.

Project Assignment:

Principle

Name of Firm with which associated:

Interlynx Group, L.L.C.

Years' experience with this Firm:

13 years 10 months

Education: Degree(s)/Year/Specialization:

Bachelor of Science in Electrical Engineering - Louisiana State University/1998/Electrical Engineering

Active registration: Year first registered/discipline:

2003/Professional Engineer - Electrical Engineering

Other experience and qualifications relevant to the proposed Project:

Proficiency in Rockwell Allen Bradley Automation Programming Suite, GE Fanuc, Idec, Wonderware, Directlogic, and various other PLC and HMI software platforms
Resume attached

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Travis Cornwell Senior Automation Specialist
Project Assignment:
Senior Technician
Name of Firm with which associated:
Interlynx Group, L.L.C.
Years' experience with this Firm:
4 years
Education: Degree(s)/Year/Specialization:
Bachelor of Science Industrial Technology/2008/Automated Systems Minor - Computer Science
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
Proficiency in Visual Basic, SQL, Perl, Java, PHP, HTML, C+, and C++ RABQSA Certified ISO 9001:2008 Lead Auditor Training Proficiency in Rockwell Allen Bradley Automation Programming Suite, GE Fanuc, Idec, Wonderware, Directlogic, and various other PLC and HMI software platforms Resume Attached

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jacqueline Robichaux Office Manager/Senior AutoCAD Manager
Project Assignment:
CADD Technician
Name of Firm with which associated:
Interlynx Group, L.L.C.
Years' experience with this Firm:
13 years 10 months
Education: Degree(s)/Year/Specialization:
Associate In Drafting Design Technology - 2 years/2003
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
Proficiency in Microsoft Word, Excell, Access, and AutoCAD Versions 2000-Present Resume Attached

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jenna Percle Office Assistant
Project Assignment:
Clerical
Name of Firm with which associated:
Interlynx Group, L.L.C.
Years' experience with this Firm:
5 years 10 months
Education: Degree(s)/Year/Specialization:
N/A
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
Daily duties include project coordination, materials coordination, shipping and receiving, paperwork, and various other clerical duties.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
None
Project Assignment:
Name of Firm with which associated:
Years' experience with this Firm:
Education: Degree(s)/Year/Specialization:
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Pump Station Automation - 8 Pump Stations in Jefferson Parish, LA</p> <p>Jefferson Parish Drainage Dept.</p> <p>Kazem Alikhani KAlikhani@jeffparish.net</p>	<p>Programming and Design of PLC and HMI control systems for 8 pump stations located throughout Jefferson Parish. Supervision and management of electrical work crews on site.</p> <p>All work completed as a subcontractor through Shaw Group.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>Approximate Completion: Early 2007</p>	<p>10 million dollars</p>	<p>\$200,000+</p>

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Bonnabel Touch Screen Replacement, Jefferson Parish, LA</p> <p>Jefferson Parish Drainage Dept.</p> <p>Ben Lepine BLepine@jeffparish.net</p>	<p>Programming of replacement touch screen for Bonnabel Pump Station</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>May 2019</p>	<p>\$10,000</p>	<p>\$10,000</p>

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Belt Press and Turblex Blower PLC system troubleshooting and repair. Jefferson Parish, LA Jefferson Parish Sewage Dept. David Toups - Maintenance Supervisor dtoups@jeffparish.net	Ongoing troubleshooting, repair, and maintenance for PLC systems at the Marrero plant.	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Previous projects completions - 9/2019, and 8/2020	\$1,000 - \$3,000 per	\$1,000 - \$3,000 per

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Hach Wims System integration into existing SCADA system. Raceland, LA Lafourche Parish Water District Jared Allemand jareda@lpwdla.com	Supervision and consultation with HACH on behalf of Lafourche Parish Water District. Implementation of new data collection server into SCADA system of the Water District Plant in Lafourche Parish.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
6/2018	\$85,000	\$85,000

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>HMI Computer System Upgrade and Cellular Radio System Upgrade Raceland, LA</p> <p>Lafourche Parish Water District</p> <p>Jared Allemand jareda@lpwdla.com</p>	<p>Responsible for the configuration of new computers the software compatibility and upgrades required and the installment of new computers to replace the older computers used for the plant wide SCADA system.</p> <p>Responsible for the radio system upgrades, individual RTU programming changes and HMI changes necessary for the Cellular radio upgrade to the SCADA system telemetry.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
6/2020	\$120,000	\$120,000

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Bio-diesel Plant Integration, St. Rose, LA</p> <p>International Matex Tank Terminal</p> <p>Jerome Roberts jeromeRoberts@imtt.com</p>	<p>Consultation, design and drafting associated with the Electrical integration of a Bio-diesel plant into the existing tank farm.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2/2008	\$150,000	\$150,000

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Hydraulic Control System Upgrade, Various Marine Vessels throughout the country Marine Spill Response Corporation Marc Blanchard Blanchard@msrc.org	Upgrade of the Hydraulic Control System, engine control system, and shipboard alarm system on fifteen vessels. Scope included the retrofit, design, fabrication, programming, and installation of new PLC and HMI based control systems. Follow -up UPS system design and installation of fleet of vessels.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
12/2018	\$1.6Million	\$1.6Million

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Lorraine Cowan Lift Bridge Control System and Washington Ave. Bridge Control System Upgrade Gulfport, Mississippi Mississippi Department of Transportation Lemon Sullivan lsullivan@mdot.state.ms.us	Design, CAD drafting, programming, installation, and commissioning of a new PLC/HMI based control system to work in conjunction with an existing manual control system to allow for automated bridge control	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
3/2010, 3/2012	\$425,000 / \$188,000	\$425,000 / \$188,000

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Heat Trace Control System Upgrade Deerpark, TX Hexion Specialty Chemical Donald Flanagan Don.flanagan@hexion.com	Design, CAD drafting, programming, installation, and commissioning of a new PLC/HMI based control system to control Heat Trace devices on piping utilized throughout the plant.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2/2020	\$300,000	\$300,000

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Reverse Osmosis System Upgrade Taft, LA Dow Chemical Damon Davis DDavis5@dow.com	Design, CAD drafting, programming, installation, and commissioning of a new PLC/HMI based control system to control Reverse Osmosis system used for water treatment throughout the plant.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
12/2020	\$310,000	\$310,000

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. NONE	NONE	NONE
2.		
3.		
4.		

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.

Company Resume attached

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature:  Print Name: David Scalise

Title: President Date: 4/9/2021



Interlynx Group, L.L.C.

Licenses

LA Professional Engineering and Land Surveying Board License # 3707
MS Board of Licensure for Professional Engineers and Surveyors License # E-2480
LA State Electrical Contractors License # 52348

About Us

The Interlynx Group L.L.C. is an engineering firm established in 2007 by a team of professionals dedicated towards one common goal; to achieve success through superior workmanship. We specialize in electrical engineering, automation, and controls systems on various levels. Our success can be attributed to the experience possessed, diligence, work ethic, and professionalism of our dedicated team. We believe in using our collective skills to bring to the client a superior project, whether in the form of a service or a product, each and every time. To accomplish these goals, we use top of the line technology in our design, automation, and installation processes which result in a complete and reliable package every time. To further show our commitment to the client, we provide one on one support for all of our projects by dedicated project managers who are backed-up by a team of individuals well versed in the specific applications and workings of each project.

Our Services

Our years of experience have allowed us to diversify the talents and expertise to include a wide range of applications from design, programming, assembly, and commissioning of well control systems to electrical engineering, design, and consultation for control system plant integration. Our experiences in these aspects have naturally allowed us to develop an expertise in automation, integration, and electrical engineering. Our engineers and automation specialists have advanced knowledge in most of the Programmable Logic Controller (PLC), Human Machine Interface (HMI), and Operator Interface Terminal (OIT) programming software and hardware packages available in today's market including but not limited to the following:

HMI Software Packages:

- RSView 32
- Factory Talk View
- Wonderware
- Cimplicity
- Intellution iFix
- Cygnet
- Netscada
- Proficy Machine Edition



- Panel Builder
- Quick Designer

PLC Platforms:

- AB - ControlLogix Series
- AB - SLC Series, Micrologix Series, PLC5 Series, PLC2 Series
- GE - PAC Systems
- GE - 90 Series, Verasmax
- Modicon – Quantum Series, Micro Series
- DirectLogic
- Square D
- Siemens – S7 Series, S5 Series, Micro Series
- Schneider Electric Scadapack

RTU/Flow Computers:

- ABB Totalflow
- SCADAPack
- Fisher ROC
- Dynamic Flow Computers
- FloBoss Flow Computers
- Thermo Scientific AutoPILOT

I/O Servers:

- Kepware
- AES AutoSol
- Matrikon
- ROVISYS
- RSlinx

Professional Experience

Electrical Engineering, Design, CAD (Computer Aided Drafting), Programming, Automation, installation, and assembly

Some of our Projects

- Bio-Diesel Control System Integration into Terminal Tank Farm
 - Electrical engineering consultation, power and control system designs, layouts, and drawings on the integration of a Bio-Diesel Plant into an existing Tank Farm including upsizing and upgrading of existing equipment.



- Construction of Additional Wing to Mausoleum - Electrical Design
 - Electrical engineering consultation, electrical system design, calculations and layout drawings on an addition to a Mausoleum.
- GE 9030 system upgrade to PAC Rx3i system
 - Control system re-design, PLC programming, OIT programming, initiation of genius bus network to Profinet network conversion, on-site removal and installation of equipment, wiring interconnection, and development of electrical drawing packet for hydrocarbon product loading, offloading and flare gas.
- Redundant Wireless Tank Gauging system
 - Design consultation, programming, configuration, installation, commissioning, and firewall system configuration on system used for tank levels readings, temperatures and pressures for a major industrial plant.
- Pontoon Bridge Hydraulic Winch Control System
 - Control system design, PLC programming, OIT programming, and system drawings for the winch controls utilized to open and close various pontoon bridges throughout Louisiana.
- Upgrade to Container Board Manufacturing Control System
 - Harsh environment enclosure design, fiber optic and Ethernet network design, PLC programming, OIT programming, and control system upgrade drawings for system used to manufacture container board.
- Upgrade to Wood Processing Control System
 - OIT enclosure design, fiber optic and Ethernet network design, PLC programming, OIT programming, and control system upgrade drawings for system used to control the wood processing process in a paper mill.
- Hydraulic Loading Ramp Control System – Maintenance and OIT upgrade
 - Continual troubleshooting and maintenance on existing PLC based loading ramp control system.
 - Design, layout, and programming of OIT addition to monitor and control the system.
- Design-Build Pump Station Automation
 - Programming, installation, and integration of PLC based system into existing control system at eight pump stations in Jefferson Parish, LA.
 - Design, programming and layout of the OIT used for interface.
- Conveyor Feeder/Rubber Baling Unit
 - Design, PLC programming, and OIT programming of control system used to automate and control rubber baling process.



- Universal Blow Out Preventer(BOP)/Diverter HMI Control System
 - Programming and design of a universal BOP/Diverter stack configuration system. This PLC/HMI system enables the designer to use the same PLC and HMI program on any BOP/Diverter project, configure the stack according to the specifics of the project via a “cut-and-paste” type method, and control the operations of the system accordingly.
- Simultaneous Operations Emergency Shutdown System (SESD)
 - Engineering, design, assembly and system drawings of a universal SESD system used to shut-in an existing well in the event of an emergency during the drilling of a nearby new well.
- Sub-sea Well Control System
 - Interface to and programming of associated PLCs and HMIs of various Sub-sea well control systems throughout the Gulf of Mexico including data logging for local and remote display.
- Surface Well Control Systems
 - Engineering design, panel assembly, PLC programming, OIT programming, HMI programming, communication networks, and system drawings of numerous electrical and electrical/pneumatic well control systems throughout the Gulf of Mexico. Many of these system designs included Supervisory Control and Data Acquisition (SCADA) which involves communication and interface with remote locations including manned production platforms, unmanned production platforms, and office locations on land. These systems also involve interface with both existing devices and new devices, and communication to and control of end devices such as electronic chokes or pneumatic chokes, transmitters, solenoids, pressure switches, etc...
- Burner Management Systems – Force Draft Burner Controls
 - Design, programming, panel assembly, and system drawings of burner management and ignition control systems on Glycol Reboilers, Heater Treaters, and Line Heaters.
- Various - LACT Control systems, Prover Loop Control Systems, Pipeline Pump Control Systems, Natural Gas Dehydration units, Natural Gas Flow monitoring units, Liquid Petroleum Gas refrigeration units, Compressor Control systems, and Natural Gas and Diesel Engine Control Systems
 - Design, PLC programming, OIT programming and panel assembly of a variety of systems used for process control and monitoring including operation of Motor Operated Valves (MOVs), natural gas flow computer and electronic chart recorder interface, liquid petroleum monitoring, compressor control, and engine control.



DAVID WILLIAM SCALISE, P.E.

EDUCATION:

Louisiana Professional Engineering and Land
Surveying Board, P.E., June 2003
Mississippi Professional Engineers and Surveyors,
P.E., September 2011
Louisiana State University, Bachelor of Science,
Electrical Engineering, May 1998

EXPERIENCE:

Interlynx Group LLC **2007-Present**

President

- Registered Supervising Professional Engineer in charge of all Engineering Services for company. Responsible for all engineering services including design, quality control, fabrication, automation, and manufacturing.
- Managed daily operation of office, including complete facility supervision and project management. Responsible for maintaining budgets, assuring successful operation of the business, and meeting project commitments and deadlines.
- Developed and implemented standards manuals and procedures for quality assurance, safety, manufacturing, automation, drafting, engineering, and job proposals for entire company.
- Lead Engineer on hydraulic winch control system including operator interface system for various pontoon bridges throughout the state of Louisiana.
- Lead Engineer in charge on multiple projects involving engineering and automation, including the design and consultation of the electrical and controls integration of a Bio-diesel plant into an existing facility for IMTT.
- Electrical Engineering consultation for the expansion to an existing mausoleum for Stewart Enterprises.
- Lead Electrical Engineer for Interlynx Group on

programming and automation of ramp control for a vehicle ferry control system completed for Huber Incorporated. Responsible for programming and operation of programmable logic controllers (PLCs) to control the ramp action before, during, and after vehicles were loaded onto ferry. Ferry is currently in operation in Woodshole, Massachusetts.

- Lead Electrical Engineer for Interlynx Group on the programming and automation of the refrigeration system for new Coca-Cola bottling plant in Baton Rouge, LA. Designed, programmed, and supervised fabrication of control system to control the refrigeration process of the syrup product prior to bottling.
- Lead Programming Engineer in charge of the control of automated bottle loader system designed by Webber Automation and in use at Magnolia Springs bottling facility. Programmed the PLC, VFDs, and various electrical components for the controls of an automated bottle loader used to load 5 gallon bottles from assembly line onto rack system and process out for delivery.

Stella Maris LLC **2005-2007**

Vice President

- Supervising Engineer and managing partner of Stella Maris LLC
- Registered Supervising Professional Engineer in Charge of all Engineering Services for entire company. Responsible for all engineering services including design, quality control, fabrication, automation, and manufacturing.
- Managed daily operation of New Orleans office including complete facility supervision and project management. Responsible for maintaining budgets, assuring successful operation of New Orleans division of the business, and meeting project commitments and deadlines.
- Developed and implemented standards manuals and procedures for quality assurance, manufacturing, automation, drafting, engineering, and job proposals for entire company.



- Engineer in charge on multiple projects involving engineering and automation, including design of the first remotely controlled Sub-sea automation control system in the Gulf of Mexico inclusive of HMI, PLC and OIT for Cimarex Energy.
- Lead Engineer in charge on HMI/PLC project for Harvest Oil and Gas to enable remote access and control for multiple well facilities in marsh facility.
- Lead Engineer for Stella Maris on programming, automation, and design of interface panels for Design-Build project involving eight pump stations in Jefferson Parish under a subcontract with Shaw E&I. Responsible for the programming of the PLC and OIT. Determined methods of interface to existing control panels to enable control and interconnection to newly added PLC based panels. Configured, animated, and programmed OIT stations to illustrate full process for operation, monitoring, and control purposes of the Station Operators. Interviewed Station operators and incorporated various logic derived from suggestions and requests from the operators into the programs and OIT displays. Reviewed existing control panel Project management experience including compiling bid drawings and control panel wiring to determine best and most economical method of interface to enable control from new PLC panels. Supervised and oversaw wiring and connections of electrical contractors to ensure proper over current protection, wire sizing, and interconnection. Supervised and oversaw the work of automation technicians in the termination of electrically operated MOV's, generator controls, field inputs and outputs, and general interface wiring. Together with Shaw E&I engineers, modified new PLC panels to incorporate additional controls, device connections, and PLC modules as required by the change orders and expanded scope of the project.
- Lead programmer on user configurable BOP control program for CAD control systems involving detailed and extremely complex Siemens programming logic.

API Control System Solutions 2001-2005

Electrical Engineer/Engineering Department Head

Automation Systems Leader

- Supervised and managed Electrical/Pneumatic panel fabrication shop, including personnel management, material procurement and project design and fabrication.
- Supervised and managed engineering department consisting of automation technicians, draftsmen, and engineers. Developed and implemented programming and drafting standards, rules, and regulations. Developed standards and procedures for Quality Assurance, Bid proposals, and PLC/HMI programming. Scheduled and coordinated personnel for job assignments.
- Team Leader on HMI-PLC interface automation package for the entire production facility for El Paso Pipeline Company using Netscada HMI and Control Logix PLCs including Modbus interface with HMI and Device Net interface between panels.
- Designed and programmed electrical PLC panels including touch panel interface for automation applications such as heater treater panels, pipeline pump panels, lact control panels, well control panels, and various other applications.
- Designed and animated entire HMI-PLC interface automation packages using RSView32 software for Bois D'Arc Offshore LTD remote well panel applications, including Ethernet and radio communications.
- Project management experience including compiling bid packages for electrical panels, purchasing, receiving and tracking of materials, and overall project and personnel supervision.
- Trained and supervised others in PLC programming, scada interface, and MMI programming.
- Developed Quality Control/Assurance standards, guidelines and procedures for all aspects involved with project design from initial stage to completion including drawing revision levels, and drawing standards as well as actual manufacturing standards.



Point Eight Power, Inc.

1998-2001

Project Engineer

- Designed low voltage engine-generator control switchgear equipment.
- Low Voltage Generator Paralleling and synchronizing experience.
- Designed Motor Control Centers with switchgear interface, including experience with Cutler Hammer (Advantage and Freedom series), Allen Bradley, and Siemens motor control centers.
- Design experience with the following devices: Cutler Hammer DSII breakers, ASCO transfer switches, Woodward Digital Load Synchronizing and Control Devices (DSLCS), Woodward Load Sharing and Speed Control Governors, Electronic Speed switches (Barber Coleman, Dynalco, and various other types), numerous Basler devices including SR type Regulators, Be1 and Be3 type over/under voltage, frequency, and power relays, and various other devices and relays.
- Designed numerous projects for companies including Shell, Texaco, Chevron, Siemens Westinghouse, and ANR Pipeline.
- Engine Crank Panel Design experience.
- Oversaw, coordinated, and managed the implementation of project designs.
- Responded to customer questions and requests.

TECHNICAL EXPERTISE:

- PLC programming experience, including RSlogix500 programming software for Allen Bradley SLC PLCs, RSlogix5000 software for Allen Bradley Control Logic PLCs, LM90 and VersaPro software for GE PLCs, Step 7 Microwin software for Siemens S7 PLCs, and Proworks software for Modicon PLCs.
- Touch Panel programming experience including GE Quickpanel and Allen Bradley Panelbuilder.
- AutoCAD experience including drafting of

documents for panel construction and electrical connection. and Promis-e drafting and design experience.



TRAVIS MICHAEL CORNWELL

EDUCATION:

Southeastern Louisiana University,
Bachelor of Science, Industrial Technology (Major),
Computer Science (Minor)
December 2008

EXPERIENCE:

Interlynx Group LLC **2017-Present**

Senior Automation Specialist

- Responsible for the management of Automation Specialists and Field Service team.
- Responsible for maintaining job budgets, assuring successful operation of the projects, and meeting project commitments and deadlines.
- Responsible for maintenance of project records and coordination of project schedules.
- Responsible for the implementation and replacement of water monitoring and analysis system for parish Water District.
- Lead PLC Programmer for a variety of projects including Coffee Roasting system upgrade, Water Treatment control system upgrade, and numerous other PLC systems.
- Lead Automation Specialist for Interlynx Group on the control system design, programming, and commissioning of field projects.

SAI Gulf LLC **2011-2017**

Lab Manager

- Oversee, provide training, and participate in proper operation, calibration and maintenance of all laboratory equipment
- Maintain calibration, analytical testing and training records.
- Provide technical assistance to clients.
- Coordinate staff to ensure balanced and efficient workload.
- Developed and implemented laboratory procedures to ensure compliance to applicable ASTM or ISO standards, customer requirements and company Quality Management system.
- Designed and programmed improvements to Microsoft Access database.

SAI Gulf LLC

2005-2011

Lab Technician

- Setup, calibrated, maintained, and repaired various types of laboratory equipment.
- Operated various analytical instruments used in testing of various carbon-based materials.
- Monitored inventory of supplies necessary to maintain laboratory functions.
- Entered daily analytical data in computer systems via MS Access databases, Excel and Word.

SAI Gulf LLC

1998-2002

Field Sampler/Prep Technician

- Ensured that samples were taken accurately, labeled, and properly secured against contamination.
- Communicated effectively with managers, clients, and vendors during field activities to ensure good relationships were maintained and job requirements met.

TECHNICAL EXPERTISE:

- PLC programming experience with RSlogix 5/500/5000, LM90, Versapro, Proficy Machine Edition, MicroWin, Step 7, ProWORX, Symate, and IDEC.
- Touch screen and HMI programming experience with Wonderware, RSview32, Factory Talk View, WinCC Flex, Proficy Machine Edition, and Cimplicity HMI.
- PLC, RTU, and I/O communications server software experience with Kepware, AutoSol, RSlinx, and several others.
- Industrial IT systems, SCADA telemetry – radio, satellite, cellular, computer networking, maintenance, troubleshooting, repair, network design and implementation.



JACQUELINE M. ROBICHAUX

EDUCATION:

Louisiana Technical College-L.E. Fletcher Campus,
Houma, Louisiana, Two years towards an Associate
Degree, Drafting and Design Technology

EXPERIENCE:

Interlynx Group LLC **2007-Present**

Senior AutoCAD Manager

- Senior AutoCAD Specialist in charge of the creation of drawing packages based on client information.
- Senior AutoCAD Specialist/Designer responsible for the design of back plates, enclosures, nametag layouts, and creating material list involving electrical and pneumatic schematics.
- Responsible for the creation and maintenance of the AutoCAD design library including both two and three dimensional symbols.
- Responsible for the creation and maintenance of the drawing standards manual to ensure drawing package compliance, uniformity, and accuracy.
- Lead AutoCAD Designer on various HMI and graphical interface projects. Responsible for the development and creation of graphics used in HMI-PLC control system projects.

Stella Maris LLC **2005-2007**

Engineering Assistant/AutoCAD Manager

- Created/revised entire drawing packets including, material list, electrical and pneumatic schematics, back plate layouts, and enclosure and nametag layouts.
- Created both an AutoCAD design center and a drawing standards manual to minimize drafting time and ensure accuracy.
- Monitored the AutoCAD design center and all drawing packets to ensure all drawings meet the company standards.

API Control System Solutions **2003-2005**

CAD Operator/Engineering Assistant/CAD Specialist

- Initiated drafting/design packets based on customer information under supervision of a project manager/project engineer.
- Created electrical and pneumatic schematics, enclosure layouts, and material lists.
- Initiated nametag lists and bill of materials based on project schematics, enclosure layout, safe charts, and process and instrument diagrams.
- Revised drawings based on red lines, customer changes, and general markups.
- Designed and configured back plate layouts based on schematics and materials lists.
- Assisted engineering department in PLC and HMI programming changes.
- Created material requisitions for engineering department based on material list and schematics.
- Created project manuals including research and complication of vendor data, schematics, operation instructions, and PLC programs.

TECHNICAL EXPERTISE:

- Proficient in AutoCAD 2000-2010 and Microsoft applications including, Microsoft Word, Microsoft Excel, and Microsoft Power Point.