

**EDWIN R. ROSARIO DIAZ, P.E.**

## **SUMMARY**

Mr. Rosario is an experienced professional electrical engineer whose expertise also include the development and implementation of engineering and estimating standards, policies and procedures. His expertise also covers scheduling and budgeting of engineering and construction jobs, including purchasing of equipment and materials. Edwin is well versed in the preparation of monthly projections and profit/loss reports to forecast the completion of the projects within time and budget. He has handled projects that required preparation of submittals, as-built drawings, monthly logs, schedules, production reports and monthly pay requisitions.

## **EDUCATION**

Bachelor of Science in Electrical Engineering - University of Puerto Rico (Mayaguez Campus)

## **REGISTRATIONS & CERTIFICATIONS**

Registered Professional Engineer:

- Florida #53497
- North Carolina #034026
- Puerto Rico #12791

Certified Electrical Contractor – Florida #EC13002677

## **PROFESSIONAL ASSOCIATIONS**

Puerto Rico Engineers and Land Surveyors Association, member

## **CONTINUING EDUCATION**

Courses and certifications completed in the following:

- AutoCAD
- ACCUBID
- Construction Link (CLI) Estimating
- Primavera Scheduler

## **CAREER HISTORY**

### **FORCON International – Electrical Engineer**

Conducting forensic engineering investigations and expert services as it relates to his fields of expertise.

### **Caribbean Technical Services, Inc. - Electrical Engineer**

- Designed Solar photovoltaic systems for industrial, commercial and residential clients.
- Designed electrical systems for Industrial, Educational and Commercial Facilities.
- Assist in the marketing efforts of the company.

### **Steven Feller, P.E., Inc. - Electrical Engineer**

- In charge of coordinating Mechanical, Electrical and Plumbing design of tenant improvements for high end condo units.
- Performed site inspections to confirm compliance with National Electrical Code and contract documents.
- Took over MEP contract administration responsibilities for a high rise under construction.

### **HYPower Inc. in Fort Lauderdale, FL - Vice President of Engineering**

- In charge of the electrical design for a Marina and electrical retrofitting for a restaurant.
- Supervise 3 CAD operators during the design and engineering phases of the projects.

# FORCON INTERNATIONAL

- Perform quality control checks to the final engineered drawings before submittal for permits.
- Point of contact for clients to facilitate the design phase and, eventually, the construction activities.
- Developed and implemented the Engineering Services Guidelines for Hypower, Inc. including field survey forms, field survey base drawings, quality control checklists for field engineering, design and permitting of jobs.
- Successfully completion of jobs that were designed, permitted and built within the specified time and budget.

## **HYPower Inc. in Fort Lauderdale, FL - Electrical Engineer & Estimator**

- Procurement of items such as pull boxes, manholes, fiber optic and accessories, PVC Conduit and others.
- Estimated and budgeted the Electrical and Electronics Components that were included in our bids.
- Supervised three electricians that assembled the communications equipment inside the cabinets.

## **Consolidated Electrical Distributors in Miami, Florida - Manager Trainee**

- Handled Industrial, Institutional and exporting accounts.
- Completed Request for Proposal for Electrical Materials.
- Achievements: Established relationships with prospective new accounts that brought in approximately \$10,000 in new business every month.

## **HYPower Inc., Fort Lauderdale, Florida - Project Manager**

- Managed four major renovation projects for a combined contract amount of \$4.9 Million Dollars in Miami Beach, Florida and for the Florida Department of Transportation.
- Supervised 2 superintendents during the electrical construction of these jobs.
- Developed schematic drawings to help the field workers to better understand the work to be performed and what was expected from them.
- Identified and priced Changes to the scope of work.
- Managed the work to avoid labor and equipment inefficiencies.
- Developed a quality control checklist for the duct bank installation.

## **Lord Electric Co. of PR, Inc. - Río Piedras, Puerto Rico - Project Engineer/Estimator**

- Managed and supervised the Electrical and Mechanical construction of a Multipurpose Building. The contract amount of this job was \$1.2 Million dollars.
- Supervised three superintendents and a jobsite purchasing agent throughout the construction phase.
- Prepared the original budget, the monthly projections and profit and loss reports as well as the monthly pay requisition.
- Estimated projects for Signalization and Street Lighting work, Power Lines and Substation work and Outside Plant Infrastructure.
- Assisted the project managers during the procurement and selection of the equipment and materials based on the specifications.
- Identified and priced changes to the scope of work.
- Scheduled labor, equipment and material to meet the project deadline within budget.
- Developed an incentive program for the field personnel that helped accelerate the job without compromising quality.

## **General Instrument Puerto Rico Inc. - Barceloneta, Puerto Rico - Quality Control Engineer**

- Managed the test and troubleshooting area during the second shift.
- Collected data to determine compliance of the product with Quality Assurance Department's Guidelines. This data also identified problems in the manufacturing process that needed to be fixed.
- Became familiar with the software and operation of the testing equipment used in the area.
- Provided technical support to the Production Team.
- Supervised equipment operators at the Test and Troubleshooting area.