

Carlos R. Ramos Ramos, BSCE-ST

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EDUCATION

BACHELOR OF SCIENCE - CIVIL ENGINEERING, SURVEYING & TOPOGRAPHY

CIVIL ENGINEERING DEPARTMENT

University of Puerto Rico, Mayagüez Campus, PR, 1993

ASSOCIATE DEGREE ON PRE-MEDICAL

NATURAL SCIENCES DEPARTMENT

University of Puerto Rico, Arecibo Campus, PR, 1989

PROFESSIONAL CERTIFICATION

Certified Safety & Health Officer (CSHO)

NIEVES & NIEVES ENGINEERS AND CONTRACTORS, INC.

Construction and Operations Manager, June 13 - April 15

Responsible for all construction, safety and operations management main duties on a daily basis to maintain best Quality Control and Assurance practices. In charge of the stakeout, surveying/topography, earthwork movement activities, muck excavations and dewatering systems. Responsible for the site and civil works for the construction of sewage systems, including large sanitary transmission pipelines, as well, stormwater and surface drainage systems. Full responsible for the field Safety Plan implementation, monitoring and compliance enforcement in a continuous daily basis. For construction project:

- Improvements Sanitary Sewer System for Mayaguez Terrace, PR/PRASA CIP# 5-50-5000 (\$6 Mi)

CONSTRUCTORA I. MELENDEZ S.E.

Construction and Operations Manager, January 08 - April 13

Responsible for all construction, safety and operations management main duties on a daily basis to maintain best Quality Control and Assurance practices. In charge of the stakeout, surveying/topography and earthwork movement activities, including trench excavation in clay and rock formations. Responsible for the site and civil works for the construction of sewage systems, including pumping station and sanitary transmission pipelines, as well, stormwater and surface drainage systems. Full responsible for the field Safety Plan implementation, monitoring and compliance enforcement in a continuous daily basis.

The last project at Cabo Rojo included the construction of a new Wastewater Treatment Plant and pumping station, large dewatering system for excavation protection/control, and complex site-civil, mechanical, electrical and instrumentation works. For construction projects:

- Elimination of Wastewater Treatment Plant at Villa Taína, Cabo Rojo, PR - PRASA/AFI CIP # 8-12-5000 (\$7 Mi)

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- Relocation of Highway PR-108, Mayaguez, PR / PRTHA, AC-010821 (\$16 Mi)

Also, performed administrative and management tasks such as preparation of construction bid packages, cost estimates, project scheduling, change management and certifications breakdowns development and control.

ARITEL, INC. - San Sebastián, PR

QA/QC and Field Supervisor, April 06 – January 08

Responsible for all construction QA/QC, safety, scheduling and site-civil works for the execution and development of new water filtration plants, raw water intake facilities, pump stations, distribution tanks, transmission and distribution pipelines, excavation plans, dewatering and by-pass systems, as well, stormwater and surface drainage sub-systems. Full responsible for the field Safety Plan implementation, monitoring and compliance enforcement in a continuous daily basis. For construction projects:

- Construction of Las Marías Potable Water Filter Plant, PR - PRASA CIP # 4-08-6175 (\$21 Mi)
- Improvements to Potable Water System – New 4.0 MG Filtration Plant, Intake Dam, Raw Water Pumping Station and Distribution Tanks, Pumping Station and Distribution Lines (completion of project), Espino Ward, Lares, PR - PRASA CIP # 2-09-7092 (\$7 Mi)

GMA GENERAL CONTRACTORS, INC. - Lares, PR

Consulting Services, September 05 – April 06

Assisting CEO as a consultant, in QA/QC, scheduling and documents control duties for the following construction project:

- Construction of Punta Palmas II Pump Station Sanitary Sewer System, Barceloneta, PR - PRASA CIP # 2-09-5003 (\$2 Mi)

CABIMAR, S.E. - Hormigueros, PR

Consulting Services, August 05 – March 06

Assisting CEO & Attorney Law Firms during construction claims suit processes as an Expert Testimony Technician at US Federal Court, PR. For constructed projects by CABIMAR, S.E.:

- PRTHA, AC-200184 and AC-010243, Mayagüez, PR (\$8 Mi and \$5 Mi)
- PRTHA, AC-011514, Aguada, PR (\$9 Mi)
- PRTHA, AC-200217 and AC-313201, Peñuelas, PR (\$8 Mi and \$16 Mi)
- PRTHA, AC-038508 and Rehabilitation of Mercedita Airport, Ponce, PR (\$7 Mi)

IBERICO TECHNOLOGIES, INC. - Vega Baja, PR

Construction and Operations Manager, April 03 – July 05

Responsible for all major operations, construction and safety management main duties on a daily basis to maintain the best Quality Control and Assurance practices. In charge of the stake-out, surveying/topography and earthwork movement activities, including trench excavation

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processes in karst rock formations. Large stormwater and surface drainage systems were installed for road sub-surface protection in transportation projects. Full responsible for the field Safety Plan implementation, monitoring and compliance enforcement in a continuous daily basis. For construction projects:

- PRTHA, Rehabilitation of Trio Vegabajeño Avenue, Vega Baja, PR (\$4 Mi)
- PRTHA, Improvements to Highway PR-2, Unit I, From Km. 83.4 to Km. 85.2, Hatillo, PR (\$5 Mi)
- Continuation of the Multi-Use Purpose Center, Alturas de Yanes Ward, Florida Municipality, PR (\$1 Million)

Also, performed administrative and management tasks such as preparation of construction bid packages, cost estimates, project scheduling, change management and certifications breakdowns development and control. Support for other construction projects engineer on field works supervision, as requested by the CEO.

CONSTRUCTORA FORTIS, INC. - Morovis, PR

Construction Superintendent and Project Manager, November 98 - March 03

Responsible for the field operations, construction and safety management main duties on a daily basis to maintain the best Quality Control and Assurance practices. In charge of the stake-out, surveying/topography and earthwork movement activities, including bridge and soil embankments excavation and stabilization using blasting techniques or pre-splitting processes. Most projects included the construction of sanitary sewer system including pumping station and transmission pipelines, as well the construction of stormwater and surface drainage systems. Full responsible for the field Safety Plan implementation, monitoring and compliance enforcement in a continuous daily basis. For construction Projects:

- Public Transportation Terminal for the Municipality of Comerío, PR (\$1.5 Mi)
- Mirador Villaba-Orocovis, PRHTA (\$6 Mi)
- Access Ramps for Highway PR-670 in Vega Baja, PRTHA (\$1.25 Mi)
- Sinkhole Enhancements at Highway PR-22 in Vega Baja, PRTHA (\$8 Mi)
- Construction of Río Hondo Bridge in Comerío, PRTHA (\$4 Mi)
- Wetland Mitigation Plan - Planning and Construction, Highway PR-22, PRHTA (\$6 Mi)
- Urban Elemental School for the Municipality of Orocovis, Public Housing Authority, PR (\$16 Mi)

Also performed the following additional management tasks: Preparation of construction bid packages and technical proposals, cost estimates, project scheduling, change management and certifications breakdown development and control. Support for field works supervision and surveying activities, as requested by the CEO, for several other minor projects.

ARF DEVELOPMENT - Hato Rey, PR

Surveyor/Construction Superintendent, December 96 - October 98

Responsible for the construction, safety and quality control management duties including field personnel supervision. In charge for all the stake-out, surveying, earthwork movement activities, construction of sanitary sewer system including pumping station and transmission

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pipelines, stormwater and surface drainage systems, and field QA/QC duties, among others, during the execution of the following Housing Development / construction projects:

- Jardines de Lares, Federal Public Housing Development Project, Lares, PR (\$5 Mi)
- Paseo Real, Private Housing Development Project, Arecibo, PR (\$11 Mi)

CARRO CONSTRUCTION, INC. - Ponce, PR

Surveyor, April 94 – November 96

Responsible for the all the stake-out, surveying, complex earthwork movement activities, sinkholes hydrologic and hydraulic treatment, stormwater systems construction, soil and rock embankments construction and gradient terraces stabilization using blasting pre-splitting processes, and additional field quality assurance duties, during the development of the following large fast-track and environmentally sensitive road infrastructure / construction projects:

- Construction of Highway PR – 137 from Vega Baja to Morovis, PRTHA (\$12 Mi)
- Construction of Highway PR – 10 from Arecibo to Utuado, PRTHA (\$18 Mi)

Responsible for the supervision of the field personnel and construction site daily operations, as requested by the Project Manager or CEO.

CAPITOL ENGINEERING CORP. - Yauco, PR

Project Supervisor, December 93 – April 94

Responsible for the entire stake-out and surveying duties during the construction of housing development project , including water and sewage utilities raceway systems, highways and structures siting and construction. In charge of the project execution and supervision of field personnel during weekend periods. For construction project:

- Estancias de Yauco, Private Housing Development Project, Yauco, PR (\$4 Mi)

F & R CONSTRUCTION - Hato Rey, PR

Project Supervisor and Surveyor, July 93 – December 93

Responsible for the entire stake-out and surveying duties during the construction of a multi-level building Project. Performed the surveying and coordination related works for the building pile foundations and final site grading. Supervised field personnel for construction of:

- Fondo del Seguro del Estado, Ponce, Puerto Rico (\$5 Mi)

SPECIALIZED TRAININGS

- 30-Hour OSHA Training and CSHO 2015 Certification (General Industry)
- 10-Hour OSHA Training and CSHO 2015 Certification (Construction)
- US Corp of Engineers, 2004, Construction Quality Management for Contractors, Diploma

References and Additional Information Available Upon Request