

# Ramón Avilés Quiroz

## Personal information:

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Panamá City, Panamá.

JTIA Civil Engineer: 2002-006-032  
Professional affiliations: ASCE, AISC  
Local affiliations: SPIA, COICI

## Objective:

**Share all my construction management knowledge and expertise with a well-respected organization such as the Smithsonian Tropical Research Institute, to help in the successful completion of their facilities and infrastructure projects in Panama. I complement this industry knowledge with essential interpersonal skills (excellent communication, analytical skill, ability to identify root causes and provide valid alternate solutions, etc.) that have helped me work effectively with English speaking professionals of diverse technical disciplines and from several different countries.**

## Education:

- University of Louisville, Panamá. **Master of Engineering in Engineering Management**, 2014
- Universidad Tecnológica de Panamá. **Graduate Certificate in Structural Engineering**, 2005
- Universidad Tecnológica de Panamá. **Civil Engineering**, 2002 (bachelor's degree)

## Certificates:

- CMAA Standards of Practice – Full Curriculum, 2018
- FIDIC Module No.1 – Practical use of FIDIC Contracts, 2018
- OSHA 30-hour Construction Outreach Training Course, 2017
- Over 100 PDH on construction management, project management and structural engineering

## Software knowledge:

- Autodesk AutoCAD
- Microsoft Office 365 (Excel, Forms, Outlook, PowerPoint, Project, SharePoint, Teams, Word)

## Work experience (related to civil engineering):

### **AECOM: August 2014 – December 2019, Civil Engineer II**

- Coordinated field activities with other engineers and client
- Verified compliance of safety requirements
- Prepared subcontractors' scope of works, bill of quantities and cost estimates
- Reviewed contractors' monthly progress payment applications
- Prepared official communications to owner / contractors
- Prepared monthly status reports to client
- Prepared and processed change order documentation
- Approved drawings, specifications, and design reports before final publication to client
- Prepared and submitted payment applications to client
- Completed project closeout process
- Maintained electronic project management system with official documentation and information

### Projects:

- Cervecería Panamá: Evaluation, reconfiguration, and redesign of existing warehouse
- Hutchinson Ports PPC, Port of Cristobal: Design of new wastewater treatment plant and pump station.
- Hutchinson Ports PPC, Port of Balboa. Fourth Bridge over the Panama Canal: Site inventory services and economic valuation of interferences at south border of port terminal.
- PSA Panama International Terminal, Phase 2 Expansion: Design and field inspection services

### **URS Corporation: April 2012 – August 2014, Contracts Manager**

- Reviewed owner's documentation for preparation of proposals
- Completed the bidding process for the selection of contractors
- Coordinated changes with owner and contractors and processed change order documentation
- Coordinated with field inspectors to verify specifications compliance
- Maintained official drawings on site
- Ensured compliance of other contractual requirements (bonds, safety, etc.)
- Reviewed contractors' monthly progress payment applications
- Prepared official communications to owner / contractors
- Completed project closeout process

### Project:

- Caterpillar Panama Demonstration and Learning Center: Construction management services.

**Ingeniería Continental, S.A. – ICONSA: January 2011 – April 2012, Project Engineer**

- Coordinated with field inspectors to verify specifications compliance
- Prepared and tracked submittals and RFI documentation
- Prepared drafts of official communications to owner / contractors
- Reviewed subcontractors' payment applications
- Prepared progress payment applications to client
- Maintained and followed up change order documentation with client
- Prepared monthly status reports to client / upper management
- Maintained project costs and schedule information
- Completed project closeout process

Projects:

- Melones Oil Terminal. Construction of 16 ringwall foundations for oil tanks.
- Panama Canal Expansion. Construction of sheet pile cellular cofferdam and Z wall.

**BVVH Administradora de Proyectos, S.A. / SYASA: April 2009 – January 2011, Project Engineer**

- Tracked communications with subcontractors and owner
- Issued drawings for construction to subcontractors
- Maintained and followed up change order documentation with subcontractors
- Maintained subcontractors' general performance indicators and materials inventory
- Coordinated with field inspectors to verify specifications compliance
- Reviewed subcontractors' monthly progress applications.

Project:

- Waters on the Bay (72 stories residential high-rise building): Construction management services

**Empresas Hopsa S.A: June 2003 – April 2009, Project Manager**

- Estimated, planned, controlled, and closed out fabrication and erection projects for approximately 5,000 tons of structural steel
- Supervised the preparation of fabrication and erection drawings
- Completed the bidding process for the selection of structural steel erectors
- Inspected steel erection activities on site.
- Audited for the Quality Management System of the company during the certification process as Certified Building Fabricator (BU) within AISC.

**Volunteer  
experience:**

- Mentor for the ASCE Mentor Match Program
- Virtual judge for the Technovation Challenge
- Volunteer at the World Youth Day 2019

**Awards and  
recognitions:**

- Selected for the AECOM Elevate Program, class 2018.
- URS Associate Project Manager Certificate, 2015
- URS Panama Office Outstanding Quality Award, 2014