

## **Cedric Orejola**

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### **EXPERIENCE**

#### **Project Engineer**

##### **Current Projects: Oceanwide Plaza Project**

Lendlease, Los Angeles, CA

October 2017 – Present

- Trade manager for the LED Signage Scope of work - \$24M scope of work
- Trade manager for the Doors/Frames/Hardware Scope of work - \$18M scope of work
- Lead the bidding & buy out of the Telecommunications Scope of work - \$16M scope of work
- Review monthly trade pay applications to verify billed materials work complete on site with trade project manager.
- Manage subcontractors change order logs & submittals
- Participated in design review & weekly meetings with owner, architect & subcontractors.
- Review and author RFIs for MEP trades, drawing discrepancies & field conditions.

#### **Project Engineer**

##### **LAX – United Airlines Terminal Redevelopment Program (T7/T8), LAX – T2 Systems/Finishes, LAX – IT MPOE**

Limbach Company LP, Los Angeles, CA

May 2016 – October 2017

- Participate in jobsite walks with sheet metal and pipe general foreman to observe current and existing field issues.
- Develop RFIs based on field conditions and drawing discrepancies to the contract documents.
- Review RFIs, architectural supplemental information, and contract drawing revisions to assess the impact to the scope of work and potential change orders. Priced up change orders for HVAC mechanical sheet metal and piping systems.
- Participate in weekly mechanical design assist meetings and mechanical resolution meetings.
- Maintain drawing revision history, update equipment status logs and develop submittal data packages for the general contractor.
- Performed heat load analysis calculations using Energy Pro, system layout using AutoCAD, and pipe sizing to assist take-off estimate for design assist efforts during project bidding.

#### **Project Engineer: University of Southern California ‘The Village Project’**

University of Southern California, Los Angeles, CA

August 2015 - May 2016

- Built and maintained complete drawing revision history of The Village Project USC team using Bluebeam Sets.
- Assisted project managers by providing them with the latest drawing revisions from Architect Narratives along with slip-sheeted drawing sets.

#### **Engineer II: Freshwater & HVAC Ship Systems Waterfront Engineering Group**

General Dynamics Electric Boat, Groton, CT

June 2012 – April 2015

- Resolved emergent shipyard issues for the Freshwater and HVAC Ship Systems during the construction, testing and certification processes of US Navy VIRGINIA class nuclear submarines.
- Coordinated with other engineering groups and design on ship system modifications to minimize the impacts to ship's delivery schedule while maintaining technical quality and
- Altered construction shop drawings, classified system diagrams, ships manuals and test procedures to resolve construction deviations that affected system performance and specifications.
- Developed, tested, and validated a 3-D printed modification for airflow measuring equipment for the ship's test organization.
- Managed the HVAC laboratory and wind tunnel while upholding laboratory and wind tunnel safety procedures. Provided test equipment tutorials and supported in test setups for other engineering groups.

#### **Junior Estimator**

Paladin Construction Corporation, Brooklyn, NY

May 2011- May 2012

- Prepared take-off estimates of interior glass, windows, glazing, curtain walls, and store fronts for project bid proposals by reviewing architectural plans, specifications and addendums.

### **EDUCATION**

#### **Bachelor of Science: Mechanical Engineering**

New York University: Tandon School of Engineering, Brooklyn, NY

September 2007 - May 2011

GPA: 3.0/4.0

### **TECHNICAL SKILLS**

Proficient in Microsoft Office (Word, Excel, PowerPoint, Visio, Project), Bluebeam Revu, Revit, Autodesk ESTmep, AutoCAD, Navisworks, EnergyPro, SolidWorks, Plan Grid

### **CERTIFICATION**

Engineer-In-Training (EIT) Certification New York

October 2011

### **AWARDS AND HONORS**

Dr. Morris Young Outstanding Project Design Award: Urban Wind Turbine Senior Design Project

May 2011

Electric Boat Employee Recognition Team Award, Freeze Protection

November 2013

Electric Boat Employee Recognition Award, SSN 782 PSA HVAC Zone Balance

September 2014

Electric Boat Employee Recognition Award, 3-D Printed Shroud HVAC Test Support

February 2015