

RALPH JIGGS CRUZ

BIM Modeler | Civil Engineer

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SUMMARY

Results driven with over 9 years combined experience in the construction industry including 7+ years in the Gulf region and 1+ year in the Philippines. Skilled in technical, project coordination and problem solving with proficiency in Revit, Autocad and Navisworks. Detail-oriented and adaptable with proven ability to work both independently and as part of team to deliver accurate, efficient and timely project outcomes.

PROFESSIONAL EXPERIENCE

TECHNICAL / BIM COORDINATOR

October 2022 – August 2024

Holistic Applications Solutions

Doha, Qatar

- Matching the architectural drawings to Structural drawings using BIM to ensure that there are no conflicts with both disciplines.
- Coordinating with other disciplines about clashes and other un-aligned issues in the structural model using Navisworks.
- Incorporating Electrical, Mechanical, HVAC, Telephone etc. openings to the structural model.
- Reporting on progress and technical guidance to technical manager
- Liaising with main contractor/structural designers concerning on the project design, drawing, quality control and projects specifications
- In work submission and approval of the technical submittals (shop drawings & as-built drawings)
- Supervise and providing technical support to site team for site execution (qtys, dwgs)
- Reviewing all the suppliers' documents (delivery notes, packing list) prior to site execution
- Involve on QA/QC works, prepare QA/QC submittals (Prequalification, MAR, Method Statement, project closing document O&M) and prepare Inspections and Testing Reports (MIR, WIR, 3rd Party testing)
- Preparing quantity take-off for variation issue
- Involve in Commercial department related to tendering projects. Working on the Project design concepts, quantities, technical proposals / presentations
- Document control / project documentation

TECHNICAL COORDINATOR

Feb 2019 – October 2022

Al Jaber Green Structures WLL

Doha, Qatar

- Reporting on progress and technical guidance to project manager
- Liaison with the main contractor and structural designers regarding submitted design based on IFC drawings
- Submission and checking of design reports and drawings received from structural designers

- Acquire approvals with 3rd party consultant on design verification and certification of structural reports
- Ensure the submittals are prior to target deadlines
- Guiding the commercial department on all variation orders
- Checking of packing list from manufacturer if matching with the design intent
- Provide quantity take-off, as requested
- Monitoring logs for all technical submittals
- Assisting the operations and stakeholders on drawings at site
- Preparing daily & weekly reports for weekly meetings
- Administrative task – project documentation

OFFICE ENGINEER

Sept 2017 – Dec 2018

Best Skilled Trading & Contracting Services

Doha, Qatar

- Assist Operations Manager with quantity reporting, project costs and updates
- Review drawing plans and prepare quantity
- Searching of potential suppliers and negotiate pricing
- Comparison and evaluation of quotations from suppliers
- Track orders and ensure time delivery
- Tender of proposals including cost estimate and its specifications
- Monitor pipeline and follow-up to-date status of submitted quotations/proposals
- Prepare technical comparison sheets received from the subcontractors' invoice
- Administrative task – project documentation
- Prepare on progress monthly report

SITE ENGINEER

Feb 2016 – Jun 2017

Ever Pacific Steel Industrial Inc.

Caloocan, Philippines

- Supervising and monitoring day to day site labor force
- Perform regular site inspection and ensure works as per the project compliance
- Assessment of actual work done by subcontractor prior to payment certification
- Checking materials and work in progress for compliance with specified requirements
- Checking plans, drawings and quantities to ensure accuracy of materials and works done
- Prepare as-built as per the site
- Prepare cutting list of reinforcement
- Pre-inspection of reinforcement diameter, length and quantities prior to concrete pouring permit
- Coordinate with management for materials and

EDUCATIONAL BACKGROUND

BACHELOR OF CIVIL ENGINEERING

Apr 2015

University of Perpetual Help System Dalta – Calamba

Laguna, Philippines

TECHNICAL SKILLS

- Autodesk Revit (Architecture, Structure, MEP)
- Navisworks
- AutoCAD
- Enscape
- Civil 3D
- MS Office (Word, Excel, PowerPoint)

LICENSE AND CERTIFICATION

REGISTERED CIVIL ENGINEER

July 2024

Professional Regulation Commission

CERTIFICATE IN REVIT ARCHITECTURE & STRUCTURE

October 2022

Microcadd

Philippines

CERTIFICATE IN AUTODESK ROBOT STRUCTURAL ANALYSIS

October 2022

Microcadd

Philippines

CERTIFICATE IN PROJECT MANAGEMENT PROFESSIONAL (PMP)

December 2019

Act Masters WLL

Doha, Qatar

CERTIFICATE IN AUTOCAD 2D & 3D

January 2013

Microcadd

Philippines

LANGUAGES

- **English:** Fluent
- **Tagalog/Filipino:** Native