



Rohit Makena

Engineer-in-Training, Civil Engineering/ Construction Project Management

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- Extensive experience managing large construction projects (Container Terminal Facilities, Warehouses, Offices, Hotels, residential Layouts and Interior Fit out Projects).
- Young entrepreneur with experience in developing real estate ventures
- Ability to manage multiple concurrent projects effectively while ensuring project schedules are met.
- Possess excellent interpersonal skills including proven experience communicating with upper and middle management, vendors and day labor.
- Excellent organizational and project management skills with a track record in completing projects milestones effectively and on time.
- Sound fundamentals in civil engineering principles. Equipped with a high level of technical, analytical and software skills including expertise in engineering, simulation, statistical and office tools.
- Practical experience with field equipment, data collection and management of active construction sites.

EXPERIENCE

Emirates Furniture Factory & Decoration LLC

Sep 2016 - Present

Project & Planning Engineer

- Coordinate and supervise interior fit out and FF & E works projects.
- Prepare a program of works which is acceptable to the client and which indicates the sequence of operations, dependencies and resource requirements.
- Prepare master project schedule and plans during various stages of projects.
- Monitor the shop drawings, material submittal, their approval and procurement schedule against the project plan and update or revise.
- Supervise daily activities on site and ensure it is being done as per standard methodology.
- Negotiate contract terms, conditions and pricing and follow-up to ensure the contracts are executed as per mutually agreed terms with clients, consultant and sub-contractors
- Weekly monitoring of project plan and preparation of weekly progress plan to be submitted for weekly project progress meeting.
- Attend weekly meetings with client and other contractors with regard to the project.
- Coordinate between other parties including Client, Suppliers and Contractors to determine and monitor the availability of all resources to avoid delay in execution
- Prepare and submit extension of time and prolongation cost claims in accordance with international codes of practice (FIDIC).
- Preparations of RA bills and coordinate the payments from client and to sub-contractors.
- Liaise with the Quantity Surveyor to indicate cost and return forecasts at the agreed payment dates and throughout the contract.

Visakha Container Terminal Pvt. Ltd. DP World

June 2015- Aug 2016

Assistant Manager, Projects

- Part of the project team to execute 2 major projects i.e. "Construction of new Container terminal" & "Construction of Container Freight Station"
- Project conceptualization, initialization including preparation of tenders, cost estimates, technical investigations and design coordination with consultant.
- Prepare work schedules and project plans for all civil, fabrication and electrical works.
- Preparation of Inspection test plan, method statements for contractors for various civil works.
- Inspection and execution of - cast in situ piles, storm water drains, heavy duty pavements, ground improvement techniques and earthwork, building and PEB structures.
- Ensure contractor compliance with approved design, drawings and other technical specifications.
- Certify quantity executed and clearance of bills.
- Conduct periodical meetings with PMC, client, contractors and preparation of catch up plans to ensure milestone activities are achieved in targeted timelines.
- Report back to top management of daily progress of projects.

Visakha Container Terminal Pvt. Ltd. DP World

June 2013 - May 2015

Assistant Manager, Engineering & Maintenance

- Led a 25 member construction team that includes site engineers, skilled and unskilled labor.
- Preparation of Annual Civil Engineering budget
- Preparation of project proposal for CAPEX projects and execution upon approval.
- Plan and execute civil maintenance works and facility management in the container terminal.
- Maintenance and restoration of deteriorating facilities including conceptualization and aesthetic enhancement
- Oversight of procurement process, billing and budget preparation and returning actual cost to the finance department for all completed project and existing civil assets
- Risk assessment and safety plan development for all construction activities
- Ensure compliance with operational health and safety, labor, environmental and security regulations for the construction team
- Point of contact for all construction related vendors
- Conduct quarterly departmental internal audits as part of the company wide internal audit team
- Initializing work orders for all activities through the company's ERP system "MAXIMO"

Visakha Container Terminal Pvt. Ltd. DP World

July 2012 - May 2013

Management Trainee

- Rotated through all departments inside VCTPL-Operations, Engineering, Finance, HR, IT, Procurement & Stores, Quality, Health, Safety, Environmental and Security departments
- Conducted a survey of manpower utilization and developed a more effective planning system in conducting engineering plant and maintenance activities
- Well versed with vessel, yard, and gate operations of the container terminal including use of terminal operation system NAVIS N4
- Review and revision of economic order point (EOP) and reorder quantity (ROQ) of the terminal store's inventory
- Conducted a VED (Vital, Essential and Desirable) analysis for the engineering inventory (spares and consumables)
- Trained in ERP software IFS used for recruitment and employee assessment
- Trained in safety techniques such as incident cause analysis methods (ICAM) and hierarchy of controls for risk mitigation
- Understand the regulation and requirements of security as per International Ship and Port Facility Security Code (ISPS) standards

Intermodal Freight Transportation Institute, UOM

Sep 2009 - Aug 2011

Research Assistant

- Developed simulation models of road networks and distribution centers using various simulations and GIS software
- Conducted and presented road and traffic safety evaluation studies at various locations in Memphis, TN as part of the various programs initiated by the University of Memphis Civil Engineering Department.
- Worked closely with the state department of transportation on implementing ITS for interstate highways.
- Reviewed the existing Bicycle route system in Memphis and assisted the government in improving the city bicycle routes.

RR Infra Developers pvt. ltd.

June 2014 - Present

Director

- Development of a real estate venture – "A residential layout spanning 15 acres"
- Preparation of master plan, survey and marking of plan on site and coordinate with government officials to seek their approvals.
- Preparation of tender BOQ, identify civil & electrical contractors for various activities i.e. excavation, Bitumen roads, culverts, CC drains, underground electrical cabling and landscaping, negotiate and finalise the contract agreements.
- Preparation of drawings and final master plan and monitor on a regular basis.
- Develop marketing teams and strategies in sale of residential plots developed.
- Oversee land purchase and registration processes and ensure full customer satisfaction.
- Ensure prompt book keeping of accounts and expenditure and filling of taxes.

EDUCATION

University of Memphis

Masters Degree in Civil Engineering

Aug 2009 - Dec 2011

Grade: 3.8 out of 4

Thesis: Preliminary Evaluation of Efficiency of High Occupancy Vehicle Lane Operation on I-40 Eastbound Memphis, TN

Andhra University

Bachelor's Degree in Civil Engineering

Grade: 3.45 out of 4

Report: Design of Rock Bolting and Netting system as a mitigation measure for rock fall hazard project

SKILLS

Managerial

- Project management
- Contract Management
- Project Planning & Schedule Management
- Claims and Disputes
- Staff supervision, training and mentoring
- Risk Management
- Procurement Management
- Cost Management
- Vendor management
- Inter-departmental and inter-agency coordination
- Stakeholder, customer and press relations
- Occupational health, safety and environmental regulations

Technical

- **Engineering Tools:** AutoCAD, ArcGIS, Transcad, STAAD PRO
- **Planning Software:** MS Project, Primavera P6
- **Office Tools:** MS Office with Visio, MS Access, Photoshop
- **Statistical Tools:** Excel, Minitab
- **Simulation Software:** ARENA, Paramics, Syncro, Flexsim
- **ERP Software:** MAXIMO, IFS
- **Container Terminal OS:** NAVIS N4
- **Computer Languages:** C

Field

- Operation of ship to shore (STS) cranes, rubber tire gantry cranes & forklifts
- Operation of utility and heavy vehicles
- Oversight of construction field crews
- Under jetty inspections and Repairs
- Land Surveying (Theodolite, Auto Level and Auto station, GPS)
- Concrete and Geo-technical/Soil Testing
- Traffic data collection
- First aid, firefighting techniques, safe work at height techniques

*****References upon request*****