

EDUCATION

Northeastern University, Boston, MA

April 2021

Master of Science in Project Management with Construction Management Major

Courses : Project Scope Management, Project Scheduling and Cost Planning, Introduction to Construction Management, Alternative Project Delivery Methods and Project Controls, Construction Law, Project Risk and Quality.

GNIEM, Nagpur University - India.

May 2017

Bachelor of Engineering : Civil Engineering

Work Experience

D.W. White Construction, INC. - Office Engineer, New Bedford, Massachusetts

May 2021 - Present

- Experienced estimator on more than 30 heavy civil projects worth \$400 million.
- Performed daily material takeoff including but not limited to Drainage, Utility, Civil, Curbing, Pavement Makings, and Signage.
- Assisted Assistant Project Manager (APM) with concrete quantities on major Massport, MassDOT, NYDOT, Airports, RHDOT and Port Authority projects.
- Engaged with Structural Engineer on Marine Piles takeoff for Port authority and dock extension projects.
- Performed cost-budget analysis, quote management, RFI's and vendor selection with APM and Chief Estimator.
- Managed an entire bid Portfolio by entering material quantities, selecting and scheduling Crews, Equipment, and materials on B2W (Bid to Win) bidding software.
- Estimated, managed and organised resources, project files, contracts, and legal issues that may delay or suspend the project.
- Managed submittals and shop drawing for major MassPort and MassDOT projects.
- Coordinated meeting minutes and summarised combined perspective of project manager and client.
- Performed Risk response plan with APM identifying early risk based on preliminary plans, contract documents and schedules.

Project Manager Intern - LI City Mechanics, New York

January 2020- June 2020

- Guided Project Manager with subcontractor meetings and helped performing cost analysis as per technical specifications.
- Performed takeoffs on construction materials like Sheet Rocks, Lighting fixtures, Rebars.
- Coordinated with vendors for bids on water tanks, Sliding Doors, electric switchboards, gearbox and other equipments.
- Maintained and updated RFI, change orders and submittal log in excel sheet.
- Executed site safety walks and assured every worker is complying with safety standards as per OSHA.
- Initiated tool box meetings, look ahead plans, daily progress reports and weekly payroll.
- Performed negotiation with vendors on pricing and saved around 20% on overall price on quotations.
- Conducted piles installation and inspection using standard testing with DOB (Department of Buildings) inspector.
- Prepared and maintained General labor, safety, delivery logs and Covid-19 contact tracing, daily wellness check, cleaning and disinfection logs as per NYC DOB (New York City Department of Buildings) and OSHA guidelines.

Project Engineer - Deshkar Construction Company, India

January 2018- July 2018

- Preparing detailed project schedule as per the project manager using MS project.
- Served as a liaison between Project manager, Owner, Vendors and Clients.
- Studied alternates on projects with project manager to develop cost and time efficient deliverables.
- Led weekly sub-contractor's conferences and facilitated communication to clear up critical site issues.
- Managed the day-to-day working, utilisation, implementation and technical consultants engaged on clients assignments.
- Attended and supported constructibility reviews between designers and subcontractors.

Site Engineer - Laxmi Constructions, India

July 2017 - December 2017

- Responsible for D.I (Ductile Iron) pipeline laying of 600mm, 350mm, 300mm, and, 250mm diameter as per CPHEEO (Central Public Health Environmental Engineering Organisation) manual.
- Created and maintained DPR (Daily Progress Report) on weekly and monthly basis and submitted it to Project Manager to further track laying progress.
- Chainaged detailing with outlining special bends required as per government proposed pipeline map.
- Performed concrete quality checks by determining slump cone and compressive strength test on water tank sites of 50,60,100,250,1100KL (Kilo-Litre) volume.
- Administered heavy machinery and manpower management of eight pipeline sites.

ACADEMIC PROJECT

Dynamic Analysis Of A Multi-storey Residential Building

September 2016 - May 2017

- Studied the effects of vertical irregularity on the seismic response of a structure.
- Calculated vertical irregularity on irregular and regular structures using Response spectrum analysis (RSA) and Equivalent static analysis (ESA).

- Assisted in comparing results of irregular structures with regular structures.
- Calculated the storey drift, stiffness matrix, storey shear force of irregular and regular structures.

TECHNICAL SKILLS

Certifications:

- CMIT (Construction Manager In Training)
- LEED GA (Green Associate)
- OSHA (Occupational Safety and Health Administration) 30 hours
- SST (Site Safety Training) 62 hours card

Construction Drawings, Construction Estimating, Crisis Management, Project Management, Project Leadership, Cross Cultural Communication Skills, Teamwork, Global Management.

Software Skills: AutoCad, Microsoft Project, Microsoft 365, Procore, Bluebeam.

PUBLICATION

- Bharti, Ramesh & Gotmare, Arihant. (2016). **Application of Soil Washing Technique for Remediation of Soil Contaminated With Pesticide**. IOSR Journal of Mechanical and Civil Engineering. 13. 109-121. 10.9790/1684-130407109121. Retrieved from <http://www.iosrjournals.org/iosr-jmce/papers/vol13-issue4/Version-7/P130407109121.pdf>.
- Gautam, B., & Gotmare, A. (2016). **FUTURE SCOPIC GEOTHERMAL COOLING**. Retrieved 18 February 2021, from <https://ijmter.com/papers/volume-3/issue-3/future-scopic-geothermal-cooling.pdf>