**SMIT SANGHVI**

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**EDUCATION**

**Northeastern University,** Boston, MA **Expected June 2020**

Master of Science in Civil Engineering **GPA:3.81**

Concentration in Construction Management

**Gandhinagar Institute of Technology,** Gujarat, India **June 2017**

Bachelor of Engineering in Civil Engineering

**WORK EXPERIENCE**

**Chevron Builders,** Boston  **May - December 2019**

*Project Engineer*

* Assisted the project manager in preparation of Change orders, Purchase orders, Scheduling and RFP responses
* Reviewed shop drawings and catalog data in accordance with plans and specifications, scope, installation procedures, site considerations
* Maintained, documented and reviewed Field reports, RFIs and Submittals
* Assisted the project manager with subcontractor buyouts and bid leveling to assure conformance to budget
* Supervised on site construction team to ensure quality and conformance to contract specifications
* Created and reviewed Strategic Site-specific Logistics Plan for space optimization
* Prepared WBS for scheduling activities related to foundation work, demolition and structural elements
* Assisted the PM with monthly budget update, reporting, cost code updates and requisition updates
* Assisted the team with contract negotiation and contract administration
* Utilized Revit and Assemble Systems to carry out quantity take-offs
* Linked the project Schedule to 3D model in Navisworks for 4D sequencing simulations

**Dhara Developers,** Gujarat, India **July 2017 - June 2018**

*Jr. Site Engineer*

* Inspected site to monitor progress and ensured that design specifications and safety standards were met
* Presented reports, plan and schedules for approval and obtained relevant permits
* Maintained daily progress reports of sitework to track schedule and carried out labor productivity using the same
* Maintained and documented contract documents, RFQs and carried out rate analysis
* Oversaw procurement of materials by comparing quotations from suppliers for economy
* Supervised and executed concreting of structural elements
* Reviewed blueprints and provided inputs in modifications of architectural, structural and services drawings

**ACADEMIC PROJECTS**

**BIM 4D Modelling April 2019**

* Prepared a schedule network and linked with 3D model utilizing Navisworks
* Performed Clash detection tests and grouped 9700 clashes to provide suggestions
* Carried out quantity take-offs using Assemble Systems and prepared a detailed cost estimate for the project

**RFP Response March 2019**

* Prepared response to an RFP for $937 million South Coast Rail Commuter Rail Program
* RFP response included Project Understanding, Management Approach and Technical Approach
* Identified key management and technical challenges, risks and provided approaches to mitigate them

**Scheduling project October - December 2018**

* Developed schedule reports for 5-mile pipe laying project using Microsoft Project
* Allocated resources and revised schedule in accordance with resource constraints
* Prepared cost estimate for entire project

**SKILLS**

Software: Bluebeam Revu, ProCore, Microsoft Projects, Microsoft Office Suite, Autodesk Revit, Autodesk Navisworks

**CERTIFICATIONS**

OSHA 10-hour, Procore PM(Core Tools), Procore (Financial Management)