

ROHIT S. SHINDE, EIT

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OBJECTIVE

Seeking a Full Time career in construction industry.

EDUCATION

Texas A&M University, College Station, TX

December 10

Master of Engineering in Civil Engineering (Construction Management)

GPA: 3.7

Graduate Certification in Business Management

KIT's College of Engineering, Shivaji University, India

May 07

Bachelor of Engineering (Civil Engineering)

GPA: 3.75

SOFTWARE SKILLS

Construction Management	Primavera P3 & P6	MS Project	Onscreen takeoff	Timberline
	ArcGIS	IDEF0	@Risk	Vensim PLE
Design, Drafting and other	SPSS 2000	STAAD PRO	AutoCAD	Google Sketchup
	AutoCAD 3D	C&C++	MS Office	Matlab

PROFESSIONAL EXPERIENCE

Independent Work:

- Generated estimate for the "First United Methodist Church" in Dickinson, TX Using MS Excel and RS Means

United Constructions Pvt. Ltd., India

Jun 06 – May 08

Project Engineer (Project Controls and Development)

Projects:

- Construction of a new recreational mall, with budgeted cost of 7 million Rupees
- Construction of a new 9 story office building of 500,000 Sq ft

Responsibilities:

Developed Estimates and scheduled projects with emphasis to on time under budget completion of projects

- Analyzed blueprints, specifications, proposals, and other construction documents to prepare time, cost, materials, and labor estimates including the application of alternative pricing
- Logged RFI's and tracked change orders
- Tracked actual cost relative to bid as the project progressed and rectified unfavorable costs
- Evaluated project performance of functional groups at regular intervals to prevent scope creep for the project
- Devised planning and escalation processes that increased on time delivery from 80% to 100%
- 100% project completion on time while meeting strict timelines and budget requirements
- Established Work Breakdown Structure's (WBS) as required by the RFP

B&B Constructions, India

Sept 05 – Jun 06

Project Engineer

- Daily site supervised and interacted with superintendent to understand the project progress
- Forecasted, planned, and provided support to the construction activities for fast paced commercial project of 200,000 Sq ft
- Retrieved successfully the cost of the project by forecasting accurate quantities for labor cost reports and precisely monitoring material ledgers
- Efficiently managed resources and scheduled all construction activities without foregoing safety, quality while maintaining cost under control
- Coordinated with clients regarding project status to resolve issues with construction, procurement, and engineering processes
- Increased productivity by 10% and reduced material and equipment expenses by 5% using efficient resource allocation, reduced rework, quality check, and by providing safe work environment

ACADEMIC PROJECTS

Project Development and Controls using EVMS for USCOE Facility at Ft Irwin, CA (Project Manager: Parsons)

- Developed baseline cost estimate, project execution plan, baseline schedule, resource allocation for progress measurement
- Evaluated project performance with reference to cost and schedule, and generated budget and schedule forecasts based on performance using Earned Value Management (EVMS)
- Developed recommendations to improve the project performance without slipping the deadline, and cost overruns avoid liquidated damages

Front End Planning and schedule control with lowest cost impact for Cogeneration facility in Mobile, AL (Modified ARCO project)

- Generated preliminary (factored) and detailed cost estimates from historical data, RS Means database
- Performed planning, CPM scheduling and accordingly performed schedule control with recommendations to accelerate schedule with the lowest cost impact using Primavera
- Generated project execution plan and project management plan for a facility supplying steam and hot water

Feasibility Studies, Concept and Detail Scope phases of Font End Planning to maximize return on investment

- Developed project owner/contractor work structure to generate font end planning, detailed design, procurement, construction and startup phases of project execution
- Implemented the Construction Industry Institute (CII) practices such as project definition rating index, project delivery and contracting strategy, and core competency toolkit for industrial facilities to assess scope definition at the end of the concept phase

Improved mobility and reduced congestion of Interstate I-5 in Thurston County, Washington State WSDOT Project

- Developed conceptual estimate and provided recommendations to avoid impact on scope, cost and schedule
- Analyzed sensitivity to various factors and performed risk analysis to determine optimum contingency and developed contingency management plan

Achieving Multiple Project Objectives through Contingency Management for the projects

- Developed an optimum contingency allocation model for construction projects
- Developed and tested hypotheses of the effectiveness of aggressive and passive management strategies on cost, timeliness, and facility value
- Investigated the prevalence of trade-offs between robust and high-performance contingency management policies in construction projects and the importance of incorporating uncertainty into project planning and management

CERTIFICATION

- Engineer-In-Training (EIT) - Texas Board of Professional Engineers

ASSOCIATIONS

- American Society of Civil Engineers (ASCE)
- American Concrete Institute (ACI)
- International Student Association (IGSA)