



ABHISHEK MAHAJAN

☎: 09537223417/07055303997 | ✉: mahajan.slg@gmail.com

SENIOR ENGINEER | CONSTRUCTION

Location Preference: PAN India preferably in Kolkata

*Versatile, high-energy professional targeting assignments in **Project Management/Construction Management** with an organization of repute*

PROFILE SUMMARY

- An **achievement-driven professional** with experience of **over 7 years** in **Project Management** and **Construction Management**
- Expertise in quantity surveying, planning and billing; experienced in keeping a check on bills of store material, GRN, PO, cement, steel and aggregate
- In-depth knowledge of **financing, budgeting & monitoring** of projects; preparation of **Construction schedule** with **resource levelling** knowledge of **IS code, AutoCAD** and **MS Project**;
- Possess extensive knowledge gained from working with clients like **Essar Project India Limited, Bharat Heavy Electricals Limited, Reliance Industries Limited** and **JSW Steel Limited**
- Proficient in **slip form, substructure & superstructure works** and **using construction material** for excellent productivity in the project
- Gained exposure on **site execution** by working in **Reliance Industries Limited, Gujarat** under the guidance of **Du Pont** and created several **construction methodologies** during the same
- A leader with excellent communication, negotiation, analytical and interpersonal skills

CORE COMPETENCIES

Construction Operations
Risk Management
Contract Management

Quality Management
Resource Optimization
Project Management

Safety Management
Quantity Surveying
Cost Estimation

ORGANIZATIONAL EXPERIENCE

Doosan Power Systems India

Since Nov'17

Growth Path & Deputations:

Senior Engineer: Nov' 17- till now

(Clients: JVUNL)

Bygging India Limited

Growth Path & Deputations:

Asst manager:

Since April'17

(Clients: Bharat Heavy Electricals Limited (PSWR), Wanakbori;)

Senior Engineer:

Since July'12

(Clients: Reliance Industries Limited, Jamnagar Division; Reliance Industries Limited, Dahej Manufacturing Division; JSW Steel Limited, Maharashtra)

Construction Engineer Trainee:

Jun'11 – Jun'12

(Clients: Essar Project India Limited, Jamnagar/Hazira)

Key Result Areas:

- Coordination with designer for construction drawing schedule & review the same on behalf of site team.
- Preparation of financial budget depend upon resource deployment, schedule & tracking on monthly basis
- Administering a project named AHP silo & adjacent structures as an independent Site In-charge
- Finalizing requirements and specifications in consultation with collaborators.
- Anchoring on-site construction activities to ensure completion of project within the time & cost parameters and effective resource utilization to maximize the output
- Participating in project meetings for evaluating project progress providing technical inputs
- Directing project activities while ensuring strategic utilization of available resources as per schedules; executing cost saving techniques to achieve reduction in terms of man-days, raw materials & energy consumption

- Preparing project baselines; monitoring and controlling projects with respect to cost, resource deployment, time overruns and quality compliance to ensure satisfactory execution of projects
- Ensuring that the project target is achieved with acceptable quality (two 220 meters rcc tall win steel flue chimneys, 83 meters chimney with interior brick lining) and installing flue and providing quality check
- Inspecting field sites & structures, and to collect field survey data and measurements.
- Formulating & implementing stringent systems and quality plans / manuals to ensure high quality standards during all stages of project.
- Leading a team of professionals; ensuring suitable deployment and timely availability of manpower (designers & engineers)

Highlights:

- Acted as a **Team Leader** of civil jobs including:
 - 1x800MW WTPS 275m single flue RCC chimney, MCC & HCSD pumphouse along with AHP silo
 - All civil and architectural jobs at Coal handling plant with direct manpower
 - Substation building, HCSD pump house, MCC building, Administration building.
 - 2 nos.110 meter high RCC chimneys
 - Preparation of job methodology, risk assessment, project planning schedule for piling works of 2 nos. 220 meter high RCC Twin & Triple Flue Chimneys
 - Coke Oven Steel Plant like 30 meter high RCC Coal Blending joint 8 nos. silos, 145 meter high RCC chimney with interior brick lining & 48 meter high Coke Screening House
- Project scheduling, budgeting, monitoring of high worth 2 nos project of cooling tower, chimneys & CHP works worth **INR 262 crore** at **Doosan Power System India Pvt Ltd.**
- Administered a high net-worth project worth **INR 38 crore** involving an esteemed set of clientele including **Bharat Heavy Electrical Limited, Gujarat State Electric Supply Corp.**
- Initiated the timely execution of **Reliance, Dahej** project within budget; implemented cost control strategies such as **resource optimization, timely supply of resources** as well as effective estimates for site infrastructure
- Coordinated for collecting site requirement of manpower , material & other resources, before planned schedule, taking vendor approval from client , procure them by coordinating with higher authority after ensuring the best economical aspects
- Initiated a weekly audit on planning & assessing requirements for workers' accommodation to maintain standard of living at external workface which is equivalently needed to gain more productivity at internal work face

Major Projects:~Refer to the Annexure

ACADEMIC TRAINING

Title:	Observation & Study of Various Components of 1.324 km Flyover
Organization:	Kolkata Metropolitan Development Authority, West Bengal
Duration:	1 month
Description:	Detailed study of pre-cast beams, grade slabs, I section beam placing, piar, substructure & superstructure and reinforcement along with their drawings

ACADEMIC PROJECTS

Title:	Truss Design
Organization:	Haldia Institute of Technology, West Bengal
Duration:	6 months
Description:	Learnt about the design & calculation of Truss structure
Title:	Septic Tank Design
Organization:	Haldia Institute of Technology, West Bengal
Duration:	6 months
Description:	Learnt about the design & calculation of Septic Tank
Title:	G +12 Office Building Design
Organization:	Haldia Institute of Technology, West Bengal
Duration:	6 months
Description:	Learnt about calculating the dead load, live load & earthquake load and designing of beam, column, staircase & shear wall

ACADEMICDETAILS

- **B.Tech. (Civil)** from Haldia Institute of Technology(WBUT), West Bengal in 2011; secured 71%
- **12th** from Siliguri Boys' High School under W.B.C.H.S.E., West Bengal in 2007; secured 67%
- **10th** from Siliguri Boys' High School under W.B.B.S.E., West Bengal in 2005; secured 81%

IT SKILLS

- AutoCAD
- Sketch up
- MS Office Tools: Word, Excel, MS Project & PowerPoint
- Operating Systems: Windows XP, 8 & 10

PERSONAL DETAILS

Date of Birth: 01st February 1990
Languages Known: English, Hindi and Bengali
Passport Details: J7572181 expires on 20th June 2021
Present Address: Etah, Uttar Pradesh-200701
Permanent Address: Arabindapally, Near Arabinda Sporting Club, P.O. – Rabindra Sarani, Darjeeling – 734006, West Bengal

ANNEXURE

Major Projects:

Organization: Doosan Power Systems India
Client: JVUNL
Designation: Senior Engineer
Period: Nov' 17 – Present

Responsibilities:

- Preparation of budget, handling contractors, billing, material procurement
- Managed contracts, prepared schedules, preparing budgets ,methodology & arrangement drawings Chimney, CHP & Cooling tower
- Tracking of construction drawings, analysis of root cause of delay & optimizing critical path by provision of requirements

Organization: Bygging India Limited
Client: Bharat Heavy Electricals Limited, Wanakbori, Gujarat
Designation: Assistant manager
Period: Sep' 15 – Nov '17

Responsibilities:

- Supervised, scheduled & monitored the construction of project
- Managed contracts, prepared schedules, methodology & arrangement drawings
- Led a team of Civil Job of 1x800MW WTPS 275 m single flue RCC chimney

Organization: Bygging India Limited
Client: Reliance Industries Limited (Jamnagar Division)
Designation: Senior Engineer
Period: May'15 – Sep'15

Responsibilities:

- Administered project management like material & manpower management
- Led a team of Civil Job like 3 no's 110 meter high RCC chimneys

Organization: Bygging India Limited
Client: Reliance Industries Limited (Dahej Manufacturing Division)
Designation: Senior Engineer
Period: Feb'14 – Apr'15

Responsibilities:

- Gained knowledge of operations & functions involved in 5*99 MW Coal Captive Power Plant Project by attending an orientation program on the same
- Led a team of Civil Job for piling works of 2 no's 220 meter high RCC Twin & Triple Flue chimneys

Organization: Bygging India Limited
Client: JSW Steel Limited (Pen, Maharashtra)
Designation: Senior Engineer
Period: Dec'13 – Jan'14

Responsibilities:

- Led a team of Civil Job in Coke Oven Steel Plant like 30 meter high RCC coal blending joint 8 no's silos, 145 meter high RCC chimney with interior brick lining & 48 meter high coke screening house

Organization: Bygging India Limited
Client: Essar Project India Limited (Jamnagar & Hazira)
Designation: Construction Engineer Trainee
Period: Jun'11 – Nov'12

Responsibilities:

- Gained knowledge of operations & functions involved in Power Project by attending an orientation program on the same
- Ensured that the project target is achieved with acceptable quality (two 220 meters rcc tall win steel flue chimneys, 83 meters chimney with interior brick lining) and installing flue and providing quality check