



Mukesh Kumar Sharma
Additional General Manager
Energy Infratech Private Limited
email: mukesh.s@energyinfratech.com

PROFILE

He is Civil Engineering Project Management professional offering National & International experience of 18 years in Project Management i.e. Procurement & Cost Control, Project Monitoring, Contract Management, Construction management, Risk Management and Project Engineering, Planning & execution of, Power, Infrastructure, 400 Kv HVDC Transmission Line Project for Hydro, Thermal & Solar Power Projects in UGANDA in East Africa, Himachal Pradesh, Uttaranchal, Punjab, Arunachal Pradesh, Maharashtra, Rajasthan and Gujarat States of India.

S/N	Name of the Project	Name of Organization & Type Of project	Designation / Job Band	Duration in Years	Year from-- To
1	6X100=600MW Karuma Hydro Electric Power Project - East Africa	Energy Infratech Pvt. Ltd, -Owner's Engineer Ministry Of Energy & Mineral Development Kampala Govt. of Uganda-Africa	Assistant General Manager – Civil Engg.- Project Monitoring & Cost Control	1.0	August 2015, -Till Date
2	03 NO. (2 MW Each)-Bulali, Tiun Stage I & II HEP-India	MMCS INTERNATIONAL-(Built Own Operate & Transfer)-BOOT	General Manager- Projects	1.25	March.2014 -August 2015.
3	960 MW Jhangi Thopan Powari HEP-Kinnaur-(Himachal Pradesh)-India	Functional Organization structure Adani Power Limited –(BOOT Projects)	Deputy General Manager-	4.75	Aug.2009-March.2014
4	6 X 660 MW Tiroda TPP-Maharashtra -India				
5	2X 660 MW Kawai TPP-Rajasthan-India				



			Techno Commercial –Job Band 5		
6	400 Kv HVDC Mundra Mahindergarh Transmission Line -India				
7	40 MWp Solar Power Project-Kutch-Gujarat-India				
8	4 X 250 MW Naying HEP-Arunachal Pradesh-India	Naying DSC Limited –(BOOT)	Additional General Manager- Project Investigation & Infrastructure	2	Sep.2007 - Aug.2009
9	3 X 10 MW Bhilangana HEP-Ghuttu ,Utrakhand-India	Polyplex Corporation-(BOOT)	Manager-Civil Engineering	1	Sep.2006 - Sep.2007
10	2 X 96 MW Allain Duhangan HEP-Manali-India	LNJ Bhilwara Group –(BOOT)	Assistant Manager-Civil & Infrastructure	3	June 2003-Sep.2006
11	3 X 42 MW Larji HEP-Larji – HPSEB-India	SSJV	Junior Site Engineer	5	June 1996 - Sep.2001

Professional Highlights

Energy Infratech Private Limited Assistant General Manager

Project Monitoring & Cost Control for 600 MW Karuma Hydro Power Project with Energy Infrastructure Pvt. Ltd. a consultant & Owner's Engineer to Ministry of Energy & Mineral Development Govt. of Uganda. , Key responsibilities include for review & Approval of Project Implementation Schedule with Primavera P-3/P-6, Price milestone Break Up, Cash Flow, Monitoring Project Progress Vs Target, periodic analysis i.e. Planned Value -Earned Value statements, S-Curve, Preparation, maintain & review cost/resource loaded P3/P6 schedules including budget and schedule development, forecasting and control, change order analyses, and reporting. Develop and maintain critical path logic networks and bar charts etc.

Contract Management Exposure (As per Silver & Yellow book):

Contracts & Procurement/Techno commercial & Estimation: Directing the various processes i.e. Vendor Short listing, Preparation of (NIT),tender documents ,Checking up correctness/Review of



Bill of Quantity (BOQ), Internal estimate, Analysis of Rates of Item of works, Review of bid documents (Technical & Financial), finalizing the construction equipment requirement, Preparation & Review of Construction methodology and floating Bids for various Civil Engineering works of Power, Infrastructure Projects, Project Townships, Apparel Factory etc. Pre Bid meetings, & Recording minutes, bid opening, evaluation/Comparison of bids, balancing the bids, final negotiation with prospective contractors, Preparation of Note for Approval (NFA's), Preparation of Contracts, Review of contracts as per standard operating procedures (SOP) & Service level Agreements (SLA) for award of fresh Contracts and amendments in ongoing Contracts with SAP. Monitoring the Contract pertaining to submission of Contract Performance Bank Guarantee (CPBG), Mobilization of Contractor to the work site, BATNA if required & monitoring the MIS reports.

Construction Management Exposure:

Experience in Construction Management & Construction of major Hydro, Thermal, Solar & Canal based Hydro Power and Infrastructure Projects involving construction of Cofferdam, River diversion works/ Diversion Tunnel up to 12.50 M finish Diameter & Channel, Construction of Approach Road in Plain & Hilly terrain, Construction of 15 Meter High Dam & Power Intake structure, Maintaining the Cycle time, Review of Drilling Pattern, Construction of Main Access Tunnel (MAT) and Construction Adits up to 8.50 m dia, Ground, Underground Excavation & Channels/ Head Race Tunnels up to 7.0 m Diameter, Pressure Shafts up to 7.0 meter Diameter, Underground Power House caverns up to Size 200m X 62 M X 24M, Transformer Caverns up to Size (200 X 19 X 45) M, Surge Chambers (340x21x 53)m, 109 m deep Ventilation & Cable shafts, up to 7.7 meter Diameter (HRT's), Construction of Tail race tunnels (TRT's) 13.0 Meter excavation Diameter (Heading & Benching Method), Project Roads up to 10.0 meter carriage way width as Per IRC recommendations, Concrete construction including mass concrete for Dam Flow & Non Overflow sections, Power House Machine /Unit foundation, Reinforcement Concrete lining in big size Tunnels, Concrete lining in Surge Shaft, Pressure Shaft with installation of steel liner, Hydro Mechanical works Dam Radial gates, Dam Sluice gates, TRT Gates etc. Directing the Development of Master Plan for Permanent Camp including Residential and Non Residential Buildings of 150 different type of Houses, Sewage Treatment facility, Water Treatment Facility, Internal Roads, Plumbing and firefighting facilities. Certification of Bills for the works done (Interim Payment Certificates) under Item Rate Contract and EPC Contracts. Directing the Construction of cooling water pipe line for TPP, Pump House, Construction of Reservoir/Anicut, Transfer Houses, Coal Handling Plants, and Permanent Housing for Project Employees etc.

Exposure on Project Investigation & Civil Engineering Design & Estimation:

Conducting Due diligence studies, Ranking studies, feasibility studies and developing pre feasibility reports (PFR) & Detail Project Report (DPR) for Hydro Power Projects up to 1000 MW (of single capacity), concept planning, site identification and investigation, hydrological studies, obtaining statutory clearances as per the Government regulations, Defining scope of works, Establishment of G&D Site, infrastructure development. Project Budget and other inter organizational presentations, Preparation and review of Power Potential studies, Tariff calculation, Planning the Infrastructure Requirement, Project Cost estimate in compliance with CEA/CWC/CERC Guideline. Analysis & Design of Hydro Power Structure & Finalization of Elevations & preliminary



dimensioning of various components of Highway & Hydro Power Structures like Tunnels i.e. Highway Tunnel, Water carrying tunnels i.e. HRT, TRT, Penstock, Power House & Surge Shaft, other Residential & non residential multistory buildings.

Educational Qualification

M. Tech –Civil Engg. + A.M.I.E (India)-Civil + 3YDC in Architectural Assistantship + Short term Training & Certification)

Short Term Training & Certification

- Professional Engineering License-Chartered Engineer IEI (India), 2008-India
- Management development Program(MDP)-AIIM-Ahmedabad,2010-India
- Adani Emerging Leadership Training (AIIM- Ahmadabad),2011-India
- Contract Management (AMA- Ahmadabad),2011-India
- Finance for Non Finance People (AMA- Ahmadabad),2012-India
- Management Competencies Advancement Program (AIIM-Ahmadabad),2012-India
- Professional Enhancement Program (AIIM-Ahmadabad), 2013-India.