

DEBABRATA SANYAL

Manama, Bahrain - **Actively looking to Relocate**

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Year of Birth : 1983

Profession: Electrical Engineer

Specialisation: Electrical Transmission, Project Management, MEP

Position in Current Organisation: Electrical Manager

Year of Joining Current Organisation: 2015

Skills

A highly experienced Electrical Engineering manager offering over 13 years of expertise in commercial construction and heavy electrical engineering projects. Areas of expertise include, but not limited to, construction, electricity substations, MEP, contract management, solar and conventional power / industrial projects. Proven consistency in achievement of targets through winning performance based awards. Hands on expertise in prioritising conflict project responsibilities in pressurised conditions. Extensive people management experience having managed teams of up to 100 people. Keen to continue career within a project oriented environment.

AREAS OF EXPERTISE

Project Management	High Voltage Design	Contract Engineering
Site Construction Supervision	Resource Management	Report Generation
Commissioning	Governmental Compliance	Due Diligence

EXPERIENCE RECORD

2015- Till date- Electricity & Water Authority, Bahrain

2015-Till date - Electrical Manager

This Authority provides the Electricity and Water as part of their efforts to continuously improve the standards of living in the Kingdom of Bahrain. The Authority employs approximately 5000 employees under various directorates, looking after different aspects of power & water - production & transmission serving an area of 780sq.km with a population of approximately 1.5million. I work in a project driven role covering construction & energisation of electricity grid stations and substations for transmission of power up to 400kV level. The following are just two example of the type of projects undertaken by me:

- 400kV Riffa Grid Substations (EPC contract) : A greenfield project to build the power station substation comprising of MEP works, 3 x 400MVA, 400/220/21kV Power transformers, 1 x 400kV 100MVAR Shunt Reactor (Umm Al Hassam) and 1x 400kV, 120MVAR Shunt Reactor, 3 x 21kV 40MVAR Shunt Reactors along with 13 bay 400kV & 19 bay 220kV GIS and 21kV Switchgear, plus related protection equipments, ICS & SCADA and complete building services. The aim of this project is to reduce the overall short circuit rating of the system and bulk power exchange in the region.
- New Al Matar BSP : 3x 150MVA 220/66/11kV Power Transformers along with 220kV & 66kV GIS and 11kV Switchgear & associated equipments along with complete MEP & building services.

2006-2015 CESC Limited, RP-SG Group, India

2006-2015 Senior Electrical Engineer - Construction Division

CESC is the flagship company of RP-Sanjeev Goenka group is an utility responsible for electric power generation, transmission and distribution for the metropolitan city of Kolkata, as well as parts of Howrah, Hooghly, 24 Parganas (North) and 24 Parganas (South) districts in the state

of West Bengal, India. It caters to a total area of 567sq.km serving a population of approximately 3million consumers. The company employs approximately 10000 employees serving various functions in the utility from services & construction to IT & billing. I was working in Construction division which is primarily responsible for construction of medium & high voltage substations up to 220kV. The following are few examples of projects undertaken by me while working with CESC Limited:

- CESC-NI Solar Station : US\$ 5 million worth Pilot project of Greenfield Solar Station generating 9MW power in Gujrat, India with real time solar tracking technology and connectivity to conventional national electrical grid.
- Park Circus Substation :Underground Substation project for commercial shopping mall (*Quest Mall @ Kolkata*) consisting of 132/33kV, 75MVA Transformers, 132kV & 33kV GIS withMEP works comprising of building services, lighting and sanitation works in densely populated area in Kolkata.
- Eastern Metropolitan Substation : Greenfield project of 220/132kV Outdoor Switchyard consisting of 5 nos. 160MVA 220/132/33kV Power Transformer with associated EHV Breakers, Isolators, CTs & CVTs and complete MEP works in the GIS & control room building.
- E.M. Substation : Major up-rating / retrofitting of 245kV EHV Outdoor Equipments at - diameter no. 6 along with 1 no. 132kV 30MVAR Capacitor Bank with associated equipment at EMSS, Kolkata.

Further details available on request.

EDUCATIONAL AND PROFESSIONAL STATUS

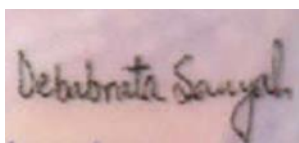
- † B.Tech (2006) & M.S. (2020) in Electrical Engineering.
- † Specialisation Certificate courses in Electricity Station earthing, power system protection and Gas Insulated Substations from Engineering Staff College of India, Hyderabad.
- † Distribution System Technology course certificate from IIT- Kharagpur.
- † Member of Institution of Engineering and Technology, U.K. (MIET).
- † Electrical Engineer license No. EPP/MIN/022/EL/35-B from CRPEP (The Council for Regulating Practice of Engineering Professions), Kingdom of Bahrain.

TRAINING HISTORY (Full details upon request)

- † 400kV Transformer Type Testing at HHI, Ulsan- South Korea Factory.
- † 400kV Cables Routine & Type testing at VISCAS, Japan factory, LS Cables factory in S.Korea, Prysmian Cables in Italy & France.
- † 66kV GIS Routine testing at GE Factory, Switzerland.
- † 220kV Transformer special testing at Meiden, Singapore factory.
- † 245kV Siemens GIS and Outdoor Current Transformer at their works.
- † 3 day workshop on Earthing Practices in Electrical Installations at ESCI, Hyderabad.
- † Inspection of 75MVA BBL make power transformer at their works in Mumbai.
- † Special Two day course on Gas Insulated Substations at ESCI, Hyderabad.
- † Management Gen-Next programs conducted by IIM-C.

IT & Language SKILLS

- † Office Suite: MS Office 2010, MS Project 2007, SAP, Autocad.
- † Operating Systems: Windows 98, 2000, XP & Windows 7.
- † Language : English (Fluent - Read & Write), Hindi (Proficient), Bengali (Proficient), Tamil (Basic).



(DEBABRATA SANYAL)