**ASHISH C/o-Contact:** +971501685421 **~ E-Mail:** ashish.377816@2freemail.com

**Sr. Project Engineer**

**B.E -Electrical and Power system**

**Certified Management**

**Seeking senior level assignments with an organization of high repute in field ofProjects and Engineering Management**

 **PROFESSIONAL SYNOPSIS**

* Seasoned professional with 10+years of experience in Electrical field in the areas of Design Engineering, Construction,Co-ordination, Testing and Commissioning in Oil & Gas, Petrochemical, Rail, MEP Sector.
* Proficient in handling operations and accountable for quality service & timely completion of the projects.
* Sound exposure of EPC jobs encompassing engineering, procurement, installation, testing & commissioning of Industrial Plants (Substations, Process units, Railway & Building MEP).
* Well versed with the concepts of engineering of Industrial & Building Electrical Installations (Process units, Substations, Railways and Buildingsetc).
* Well versed with the concepts of Construction, testing & commissioning of Substation Automation System, HV/LV Switchgears, Numerical Relays, Motors, Transformers, MCC's from various OEM (Siemens, ABB, Schneider, AREVA, L&T, BHEL & CGL).
* Adept at carrying out various tests & inspection for various processes and checking the quality.
* Talent for proactively identifying & resolving problems, ramping up project activities on time and maximizing productivity.
* An effective communicator with excellent relationship management skills and strong analytical, leadership, decision-making, problem solving & organizational abilities.

**SCHOLASTICS**

* B.E. (Electrical & Power Systems) from University of Nagpur (India) in 2007. Secured 65%.
* Certified Energy Manager from BEE India

**PROFESSIONAL ENHANCEMENTS**

* Training for Smart PlantElectrical Software (Company In-house training).
* Offshore Sea Survival training (B.O.S.I.E.T)

**CAREER CONTOUR**

Control & Applications Emirates Sr. Project Engineer Sept'16 – till date

Tecnimont Abu Dhabi Principle Electrical Engineer Apr'14-spt'16

Tecnimont Abu Dhabi Sr. Electrical Engineer Jan’ 13 – Apr’14

Tecnimont India Sr. Electrical Engineer Apr'11 - Dec’12

Tecnimont India Electrical Engineer Jul'07 - Mar’11

***Core Competencies***

**Engineering and Project Management**

* Plan, manage and oversees the daily functions, operations, and activities of the system design, Operation and Construction services/Engineering support division.
* Manages day-to-day operational aspects of a project and scope
* Supporting Estimation team for tendering
* Manages and co-ordinates the work plan for the assigned division, meets with staff to identify and resolve problems; assign work activities, projects and programs; monitors work flow, reviews and evaluate work products, methods and procedures.
* Propose and define the work methodology for the Engineering unit, Supervises Design, Substation Installations, Testing and Commissioning team
* Direct and distribute the work activities in the area of design, testing and substation installation analyzing technology trends
* Review customer specifications and determine compliance to requirements and/or note exceptions. Review project related documentation to ensure its accuracy.
* Work with Customer, Suppliers, project Sponsors and other Divisions to optimize design and identify cost trade-offs
* Provides technical track for the development, Design and Systems Integration for Client Engagement from definition phase through implementation
* Create and executes development plans and revises as appropriate to meet changing needs and requirements
* Understand complex database concepts and effectively employs different database design techniques for engineering and technical support unit.
* Communicate with suppliers and attending the meetings to clear the technical issues including study of technical offers and advise procurement unit
* Ensure the documentation of technical department is systematically maintained under company systems for future reference
* Direct, review, advice and approve product design and changes.
* Executing FEED, concept & detailed engineering, equipment selection & calculation such as Generator Sizing, Power Transformer Sizing, NER, CT & VT Sizing Calculation, Cable Sizing Calculations, UPS & Battery Charger Calculationetc.
* Preparation of Hazardous area classification drawings.
* Formulating Key Single Line Diagram, Load Lists, Substation Layouts, Cable Trenches / Duct Banks, Layout (Lighting, Earthing, Lightning, etc.) Drawings and Fire Alarm Drawings.
* Gathering product specifications & designing and analyzing existing designs using specialized software such as ETAP.
* Implementing international standards such as IEC, IEEE for the equipment selection & sizing.
* Conducting power system studies as load flow, short circuit, transient stability, motor starting etc using ETAP software.
* Preparing specifications, data sheets, material approval requests for equipments and bulk materials.
* Devising the enquiry packages to different vendors and related technical / commercial discussions.
* Executing technical bid evaluation for finalizing the order for electrical equipments.
* Executing vendor drawing reviews associated with Power Generators, HV Switchgears, Transformers, LV Switchgears, Motors, etc.

**Construction, Testing& Commissioning**

* Overseeing installation, testing& commissioning to ensure operational effectiveness of utilities.
* Preparing plans, method statements co-ordination documents for smooth execution of projects
* Co-coordinating with different departments to ensure following :
1. Human resources are available on time for engineering, Construction and commissioning
2. Material Delivery at site made as per schedule
3. Test equipments and other materials to carry out the job is available
4. Work permits and other documents required for construction are available
* Monitoring the commissioning of HV/LV Power Generators, Transformers, Reactors, Switchgears, Motors, VVVF Drive and Cables.

**Team Management**

* Leading, mentoring & monitoring the performance of team members to ensure efficiency in process operations and meeting of project targets.
* Creating and sustaining a dynamic environment that fosters development opportunities and motivates high performance amongst team members.

**IT SKILLS**

* ETAP for Power System Studies (Training & Certification by OTI - USA).
* Smart plant Electrical and Instrumentation
* Lighting Software's.
* AutoCAD 2011.
* Microsoft Application Suites such as Access, Excel, Word & Power Point.

***MAJOR ASSIGNMENTS HANDLED:***

* **Detail Engineering & Commissioning for:**
* **ADMA Power System Upgrade project – ADGAS - Offshore: 2016-2018**

Client: ADGAS/ADMA - Abu Dhabi - Offshore

Nature of Work: 80 X 100 M Substation with 5 25 MVA transformer Bay, 33kV , 4000A, GIS switchboard, 3 \* 18 MW Gas turbine Generators, NGT, NER, AC/DC UPS, Transient fault recorder, SERGI transformer protector, 3 nos 11kV AIS with 120 cubicles, 800 kVA containerized Emergency Diesel Generator, power management system, Generator control panels, modification in existing boards, more then 150 Kms of cables laying, Power management system, relay and protection cabinets.

 Substation auxiliaries associated with Distribution transformer, LV boards, Bus duct, lighting and small power, Earthing, Lightning protection HVAC, Chillers, F&G system, Inergen system

* **ADCO Surface Facility, NEB-III, Al Dabb’iya, Abu Dhabi : 2015 – 2016**

Client: ADCO - Abu Dhabi - Offshore

Nature of Work: Project Contains a Central Processing Plant, Onshore + offshore Oil

Clusters, Pipeline (Onshore+offshore), 33kV OHL works, etc.

Preparation of Detail Engineering Documents (SLD, Load List, Equipment Layouts, Cable Schedule, Interfacing with ADCO & Transco, Review of Vendor & Subcontractor Drawings, Preparation of Purchase Requisitions and Technical Documents & SOW for Subcontractors, Preparation of TBE, Project Management and Site Supervision for 33kV OHL works, etc.

* **Shah-Habshan-Ruwais Rail Project (Etihad Rail)Client: 2013 - 2015**

Client: Etihad Rail - Abu Dhabi

Nature of Work: Preparation of Detail Power Engineering Documents, Interfacing with Etihad Rail & with ADDC, Review of Vendor & Subcontractor Drawings, Preparation of Purchase Requisitions and Technical Documents & SOW for Subcontractors, Preparation of TBE, Project Management and Site Supervision for 33kV, 11kV Substations Depot Yard Lighting works, MEP Works for Buildings etc.

* **RCF Thal, Fertilizers Plant (Thal India): 2009-2012**

Client: RCF Thal India

Nature of Work: Preparation of Detail Engineering Documents & Power System Bill of Quantity, Review of Technical offers from the Suppliers and Power Sub-contractors, Preparation of SOW for subcontractors and Preparation of Technical Bid Evaluation, Review of Mechanical Package Documents, Liaising with Project Management Consultants (PDIL) & Client (RCF) for Technical Clarification, Site Construction Management, Testing & Commissioning of Major Electrical Equipment’s& Substation Energization.

* **GPIC CO2 Recovery Plant, Sitra Island, Baharain: 2007-2009**

Client: GPIC, Bahrain

Nature of Work: Preparation of Detail Engineering Documents & Power System Bill of Quantity, Review of Technical offers from the Suppliers and Power Sub-contractors, Preparation of SOW for subcontractors and Preparation of Technical Bid Evaluation, Review of Mechanical Package Documents, Liaising with Client (NFCL) for Technical Clarification, Site Construction Management, Testing & Commissioning of Major Electrical Equipment’s& Substation Energization.

* Key equipments handled during Engineering & Commissioning of above projects :
* 33/11 kV Substations, Substation Automation System, HV, LV Transformer (25 MVA), Switchgears, UPS, SCADA, Fire Alarm and Protection of Various Ratings for Oil and Gas Industry.
* 33 kV, 2500 A, and VCB's of Siemens - Germany.
* HV & LV MCC's, Transformer, Motors, Switchgears, etc.
* Sq. Cage Motors up to 2.5 MW at 3.3 kV.
* AC Harmonic Filters& MV Capacitors of Schneider & AC Drives of L&T up to 250 Amps.
* 11kV Packaged Substation and RTU’s of Schneider.

***SIGNIFICANT HIGHLIGHTS:***

* Significantly ensured to maintain S/E (Spent/Earned) ratio less then 1.
* Received an appreciation from management for record time completion of Etihad Rail Project.
* Substantial cost saving (55 million AED) by preparing cost – effective techno commercial proposal for changing the conductor material for around 300kM cable, changing the operation philosophy for 11 no’s Infeed substations (11kV), Depot Yard Lighting by reducing height of the towers, etc.
* Achieved unity power factor for the installations by introducing Reactive Power Compensators for 300kM cable connected in Ring by submitting detailed calculation by considering the capacitive effect of MV cable.

**PERSONAL DOSSIER**

Date of Birth : 29thOct, 1985

Nationality : Indian

Languages Known : English, Hindi, Marathi and Sindhi

Marital Status : Married

Visa Details : UAE - Residents with NOC.

Driving License : Pursuing UAE driving License