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OBJECTIVE

Seeking challenging and highly motivated assignments in Oil & Gas, brown field, on-shore and Off-shore EPC projects with an organization to deliver my best experience and upgrade my skills, thereby growing along with the organization.

SYNOPSIS

- Over 14 years of experience in Onshore & Offshore as Electrical & telecom Design, procurement, construction and site coordination in Basic, FEED, Detailed Engineering and EPC projects for various sectors like Power, Oil & Gas, Refinery, Petrochemicals, Waste oil/water Treatment and Chemicals Industry
- Experience of site visit in oil and gas on shore and off shore plant, Power Plant, Electrical Sub-Substation, waste water treatment plant and chemical plant.
- Designing and construction of electrical distribution system, layouts, cable laying and schedules. Erection & commissioning of LV Motors, LV Switchgears, LV & HV Cable Laying & Termination.
- Proficiency in Vendor drawing review, Tender review, Site Visit and assessment & Site Support/Coordination.
- Expertise in handling ELV projects comprises CCTV, access control and fire alarm system
- Preparing project schedules integration with procurement, reinforcements and manpower requirements & .
- Knowledge of International & Local Standards, codes and Specification likewise IEC, BS, IEEE, NFPA, NEC, NEMA, ADCO, GASCO,ADWEA,DEWA, PDO, QP, local engineering and building codes, Royal Commission of Jubail & Yanbu, SABIC & Engineers India Limited.
- Experience in implementation of Quality Management System and safety in organization.
- Quick learner having strong problem solving ability and analytical skills. Ability to manage multitasks and works on a diverse range of requirements and projects simultaneously. Highly **versatile** and professional person with good interpersonal qualities and communication skills.

AREAS OF EXPERTISE

- Handling Electrical and ELV (Telecom, CCTV etc) projects for engineering, Procurement and construction.
- Preparing Technical Bid evaluation and analyzing the specification of the equipment's.
- Reviewing vendor specification, data sheets, schematics, wiring diagrams etc.
- Preparing and reviewing project specifications and data sheets as per international standards IEC, NEC, NEMA, ANSI, UI & Client specifications.

- Preparation & reviewing of Installation Standard Drawings as per International standards IEC/NEC/UI/ANSI/ADCO/GASCO/SABIC/ARAMCO/QG/QP/Royal Commission of Jubail & Yanbu Standards.
- Detail Engineering Electrical Layout of Earthing, Power, Lighting, Cable Routing, Hazardous Area and Equipment room layout.
- Detailing of Electrical Earthing Cable Block Diagram, Earthing philosophy, Electrical Cable Block Diagram and Electrical Interconnection Diagram.
- Preparation & reviewing Cable Schedule, Electrical Equipment Schedule, Electrical Junction Box Schedule, Socket Schedule, List of Electrical equipment and technical data sheets.
- Preparation & reviewing Cable Routing Layout, Equipment Location Layout.
- Expertise in Single Line Diagram, General Arrangement drawing, bill of materials and schematic diagram.
- Designing and installation of Fire Alarm system according to NFPA 72.
- Sizing cables, cable trays, Generators, transformers, switch gears etc.
- Carrying out the lighting calculations for offshore platforms, module package & control room.
- Active participation in project studies HAZID/HAZOP/SAFOP/E-HAZOP/Constructability review/design risk assessment review.
- AC & DC UPS sizing calculations.
- Preparing MTO, installation drawings and interconnection drawings.
- Electrical equipment installation, testing and commissioning.
- Electrical power panels installation, testing and commissioning.
- MCT selection and arrangement drawings.
- Performing Adequacy checks for switchgears, UPS etc.
- Reviewing vendor schematics, wiring diagrams, GA, specifications etc.
- Site visit and preparation of assessment reports.

KEY RESPONSIBILITIES

- Prepare procurement engineering that includes preparation of RFQ/ MAR, technical query & Vendor document review.
- Detail Vendor drawing/documents reviews of HV/LV Switch board, distribution transformer, DC, UPS System, navigational Aid, Solar power systems, battery & battery charger, Generator Package, Mechanical packages, Instrumentation cabinets & packages, power etc.
- Designing, engineering and construction for the HT/LT electrical systems for Offshore & Onshore oil & gas field and handling the sizing of equipment, earthing & lighting and equipment layouts.
- Preparing drawings through extensive stud of technical documents on detailed engineering, resolving site queries to meet execution requirements, understanding the technical & functional specifications.
- Collecting data for design and coordinating the entire operation including requirement analysis, finalizing specifications and designing, dealing directly with client for technical queries and resolving with the best solutions.
- Reviewing techno commercial offer (Bid document study, man-hours estimation, man-hour matrix and develop required pre bid deliverables.
- Preparing technical bid evaluation and resolving technical aspects with subsequent vendors.
- Hazardous area classification layouts and selecting the equipment based on source list input for process area, tank farm area and offshore platforms.
- Ensure all electrical deliverables are reviewed

- Ensure the works comply with the contract documents including drawings and specifications.
- Ensure the design drawings are compliance with site (site assessments) and standards codes.
- Ensure the procured material as per design and standards NEC, IEC, NEMA, Client specification/standards etc.
- Required modifications to be prepared/updated according to site or clients requirement compliance with international standards.
- Ensure the design execution on site with site coordination with technical support.
- Liaison with Technical Services and Shared services personnel for delivery of design, costs, schedules and overall project support.
- Establishes regular meeting to review package status, formulate action items and follows up on close out.
- Works proactively, constructively and fairly with all parties to ensure the successful execution of the project,
- Performs other responsibilities associated with this position as may be appropriate
- Takes an active, personal role in the establishment, implementation and management of project Safety Management Systems and Procedures
- Arrange Timely obtaining of clearances, approvals and permissions.
- Notify the client / subcontractors of ant delay to the work.
- Involved in Testing and commissioning of equipment's

MAJOR PROJECTS EXECUTED

1. Project : EPC SERVICES FOR EMERGENCY DIESEL GENERATOR AT BARZAN OFFSHORE PLATFORMS

Location : Barzan Offshore Wellhead platforms BT-1, BT-2 & BT-3

Client : QATARGAS Operating Company

Scope : Detail Engineering of UPS modification works in BT-1 and Installation of emergency Diesel generator in BT-2 & BT-3.

Role : Sr. Project Engineer.
2. Project : EPC SERVICES TO UPGRADE EXISTING CAPACITOR BANKS FOR GUTOR MAKE UPS AT NORTH FACILITY & OFFSHORE PLATFORMS

Location : LR1, LR2, RLTO, QG1, QG2, QG3, QG4, CLNG, JBOG AND OFFSHORE WHP 4, WHP 5, WHP 6, WHP 7, WHP 8 & WHP 9

Client : QATARGAS Operating Company

Scope : Detail Engineering of UPS modification at QATARGAS North & OFFSHORE platforms.

Role : Sr. Project Engineer (Electrical and ELV systems)
3. Project : UPGRADE OF LOW VOLTAGE PROTECTION SYSTEM FROM CLINK I TO CLINK II AT QG1 (NORTH) AND TRAIN 1&2 (SOUTH) PLANT.

Location : QATARGAS NORTH & SOUTH FACILITIES

Client : QATARGAS Operating Company

Scope : Detail Engineering of CLINK I UPGRADE TO CLINK II AT SS-101, SS-201, SS-301, SS-

- 901, SS-902, SS-903, SS-801, SS-802 IN QG NORTH & SS-11, SS-12, SS-13, SS-14, SS-23 AT QG SOUTH.
- Role : Sr. Project Engineer (Electrical and ELV Systems)
4. Project : ELV & FIRE ALARM SYSTEM INSTALLATION – CCTV, ACCESS CONTROL AND TELECOM
 Location : KSA
 Client : MINISTRY OF INTERIOR KSA
 Scope : Review of existing system and upgrade/install new CCTV, Telecom and access control
 control
 System.
 Role : Sr. Project Engineer (ELV systems)
5. Project : Integrated Waste Recycling Center
 Location : Dammam, Rabigh, Yanbu, Johfa & Jubail, Kingdome of Saudi Arabia
 Client : GEMS (Global Environmental Management Services)
 Scope : Detail Engineering and construction of Electrical, ELV , Fire Alarm and Instrumentation for Integrated Waste Recycling Centre in Dammam, Yanbu & Jubail.
 Role : Project Lead (EPC)
6. Project : Interconnection of ADWEC CRS to DEL at Taweelah
 Location : Taweelah, Abu Dhabi, UAE
 Client : GASCO
 Scope : Detail Engineering electrical and ELV systems
 Role : Electrical Engineer
7. Project : EPC for replacement of existing Power Skid for Clusters – 40 to 45
 Location : Bu Hasa, Abu Dhabi, UAE
 Client : ADCO
 Scope : Detail Engineering.
 Role : Electrical Engineer
8. Project : As-Built and Conversion of Drawings/Documents to Smart Plant Enterprise.
 Location : ASAB, Abu Dhabi, UAE
 Client : GASCO (Abu Dhabi Gas Industries Ltd).
 Scope : As-Built and Conversion of Drawings/Documents to Smart Plant Enterprise.
 Role : Electrical Engineer
9. Project : Flow line & Wellhead installation in ADCO fields.
 Location : Bu Hasa, Abu Dhabi, UAE
 Client : ADCO
 Scope : Detail Engineering- the Scope Of work consists of EPC work of wellhead piping and pipeline from wellheads to Manifold area. Total 14 no's of charismas trees are in Work scope which is sub-divided in six type of wells (Oil Producing, ESP, Water Disposal, Water Injection, WAG & Gas Lift).
 Role : Electrical Engineer

CAREER SUMMARY

Company	Designation	Duration
CGC Technologies – MEKDAM Holding group- Qatar	Sr. Project engineer	Jan-2019 to march-2020
A&I Energy Services LLC Project Development Consultant- United Arab Emirates	Project Engineer	March 2018 to Nov 2018
ICEM consultants -Saudi Arabia	EPC Project Lead Engineer	<u>Oct 2014 to Feb 2018</u>
Advance Engineering & Constructions - UAE	Electrical Engineer	July 2011 to Jun 2014
<u>First point construction Services - India</u>	Asst engineer MEP	Feb 2008 to Mar 2011
Arys Innovative solutions India	Assistant Engineer	April 2005 to Dec 2007

SOFTWARE SKILLS

- Working experience on MS-Office
- Autodesk (AutoCAD)
- Lighting Calculation Software - DIALux

EDUCATION

Qualification	Institute / Board	Year
M-Tech in Power electronics Engineering	JNTU INDIA	2013
B-Tech in Electrical & Electronics Engineering	JNTU INDIA	2011
Diploma in Electrical Engineering.	JNTU INDIA	2004
SSC	State Board	2000

PERSONAL PROFILE

Nationality : Indian
 Date of Birth : 25-11-1984
 Marital Status : Married
 Passport No. & Validity : Z4386319 (Expire on - 02-01-2028).
 Languages known : English, Hindi, Telugu, Arabic

DECLARATION

I hereby declare that the above information provided is true to best of my knowledge.

Safeullah Khan
 Electrical Engineer
 Dated: 5th Sep, 2020