**ARSHAD**

**ARSHAD.334695@2freemail.com**

B-tech (Electrical &Electronics engineer) with 3 years of experience in construction company

**Carrier Objective:**

To initiate my career in a technical organization where I could utilize my strong conceptual base technical knowledge and provide innovative solutions to technical problems.

**Work experience:**

1)

**Position: Electrical Supervisor (SEHA Approved)**

**March 2016 to (Still continue)**

**Al Mariah United Group**

**Al-Gharbia Project**

**Al-Sila Hospital**

**Abu Dhabi, UAE**

**Duties and Responsibilities:**

* **CAFM System**
* *Working as a Electrical Supervisor on CAFM system*
* **Other Responsibilities**
* Planning and scheduling of Preventive and Corrective maintenance.
* Supervising of all electrical maintenance works.
* Reporting to Maintenance Coordinator, Project Manager daily.
* Power Distribution System, Illumination, Uninterrupted Power Supply, helipad control.
* LV Systems like Fire Alarm, Access Control, SMATV, Automatic Doors, Nurse Cal System.
* Report making on daily and monthly basis.
* Third party maintenance work certification regularly.
* Testing and Troubleshooting.
* Switchgear and Protection.
* Stock Inventory, Preparation of MRF.
* *Conducting load test of generator on monthly basis.*
* *Knowledge and practiced ADDC wiring regulation.*
* *Load scheduling of mep project*
* *Maintenance of chiller plant,pump room,sng plant*

**2) ORGANISATION : RAJLEELA ELECTRICAL PVT LTD**

DESIGNATION : **ELECTRICAL ENGINEER – SITE**

**Total experience : 3 years**

**PROJECTS EXECUTED**

* Previously Executed project - **hotel holiday in Chennai(10 stories building) as a Electrical Site Engineer** from 20 jan 2015 to till now.

* Previously executed project – **Relience GHQ project Santacruz Mumbai as a training engineer** from 10 april 2012 to 1 march 2013
* previously involved in the **d mart project (6 stories building) wagle estate kamgar road thane Mumbai as a Electrical Site Engineer**from 4 march 2013 to 30 may 2015**.**

**Job description:**

Responsible for leading the Electrical Designing related to abu dhabi agh (High rise buildings for offices, CTO’s and Staff residential villas) using International standards and codes.

* Reporting to the General Manager – MEP
* Assisting the General Manager in the preparation of tender from beginning stage till the submission.
* Detail study of the Scope of tender, drawings, schedule equipment’s, specifications, quantity take off and Preparation of Bill of Quantities for Electrical equipments in excel format for lump sum projects as per principles of international codes, measurements, project duration scheduling and submitting to Bidding Department for Bid.
* Electrical load estimation, design as per international and local standards (medium and low voltage), NEC, Abu dhabi Building code. Development of single line diagram and control schematics, electrical equipment selection sizing and protection (Transformer, generator, motor, Bus duct, Capacitor Bank, UPS, etc). Cable sizing, bus bar, earthing system according to the load analysis and routing, Short Circuit Calculation, voltage drop calculation, lighting and illumination design.
* Building security systems, Access control systems, CCTV, Public Addressable systems, Fire Alarm System, Lighting control system, telecommunications, data services, cable tray routing.
* Providing guidance to prepare Lighting layouts, power layouts, Load schedule, single line diagram and the related engineering calculations like panel board circuits and main distribution board circuit breaker size selection etc.
* Involved in Preparation of Lighting Design with Architect Engineer using Di-Lux software and producing lighting Distribution based on Lux level Scheme.
* Accountable for attending meetings with Team/ User for resolving different technical issues at the design stage.
* Making Site Survey for upcoming Projects.

**Work Details during Execution:** Duties & Responsibilities

Involved in the technical and Management supervision along with site execution and highly driven in various project related to airlines.

* All electrical low and Medium Voltage installation works, which were being carried out as per BOQ specifications and material as per standard codes NFPA-70, 72, NEC & Saudi Building code.
* Evaluate engineering proposals, shop drawings and design comments for sound electrical engineering practice and conformance with established safety and design criteria and recommend approval or disapproval.
* Planning and execution on the electrical side for MEP projects closely monitoring the construction activities, attending weekly meetings at site with other Engineers and Contractor- Maintained weekly status reports.
* Review and approval of shop drawings & material submittals submitted by Contractor.
* Installations of all electrical works were carried out as per approved shop drawings ensuring compliance with safety requirements and as per standards.
* Coordinate with Mechanical, civil, Architect Engineers, Discuss technical aspects of electrical system with Contractor towards successful completion of project.
* LV switchgear substation, Installation of transformers up to 1000 KVA, termination into panel boards.
* Installation of Electrical Installation (Internal + External) - Addressable Fire Alarm system, Security (CCTV and Access control), Public Address, Internal & External Decorative light fixtures, Illumination and dimming systems, Power receptacles, Cable Routing, Earthing, cable trays for tunnel, Panel Board and Building Management System, automation System, Audio Video System, Interactive TV system & video in demand with HDMI, UPS System, Lifts, ATS panels, Computer network (Fiber Optics, cables), Telephone Network, Diesel generators, Lightning Protection System, LV & Switchgears (MDB, SMDB, MCC….).
* Following higher management time schedule instructions and advices, reporting work field condition problems & statues to higher management, following activities of other departments in site.
* Coordinate with Contractor for the fast progress work on site implementation of advanced system and material available in market as per the requirement and conduct weekly Site Inspection & prepare Monthly Progress Reports.
* Conduct inspections for Quality Control and Quality Assurance Program, reporting, finding and recommendations.

**Specialties**: Site Engineering, Design, Supervision, Construction and Maintenance, Pricing**, Testing and Commissioning**.

**April 2012 – march 2013**

Worked as a Consultant in Power and Energy Department with ‘**APITCO**’, (Formerly Andhra Pradesh Industrial and Technical Consultancy Organization Limited, Hyderabad) Joint Venture of SIDBI, APIDC, IDBI, IFCI, ICICI, APSFC & NATIONALISED BANKS).

* Head of the project for Supply and Erection of the Single Pole STR, CTPT STR, 11 KV SFU, Earthing, 2-160 KVA T/F with its switchgear and HT and LT cabling in **Central Institute for Tool Design**.
* Worked as a team member for T/F selection, load calculation, Breaker selection, cable sizing calculation, lux level calculation, capacitor bank selection and Earthing calculation for view point (G+6) &(G+5) Commercial+ Residential complexes at Hyderabad.
* Worked as a team member - Energy audits for **Ten Base line and five post implementation studies** for calculating the GHG emission levels completed in Steel Re-rolling industries at different locations in India, founded by **UNDP/GEF** (United Nations Development Program/ Global Environment Facilities), **Ministry of Steel**.
* Worked as a team member - **BEE** (Bureau of Energy Efficiency) Project related SME Clusters to analysis of possibilities for undertaking Energy Efficiency measures, potential of impact, status of technology and energy use and identification of possible Energy Efficiency Measures in Warangal Rice Milling Cluster and Bhimavaram Ice Making Cluster.
* Completed Five Electrical Energy Audits in Waste Minimisation in Imitation Jeweler industries.
* Worked as a team member - Evaluation of National Biogas and Manure Management Programme (NBMMP) during the 10th Plan in Six Regions, for **MNRE**- (Ministry of New and Renewable Energy).
* Completed 20 Building energy audits in Andhra Pradesh during the year 2009-2012.
* Worked as an Assistant Electrical Engineer in 220 KV AP Transco Substation, Mahabubnagar – Andhra Pradesh, India.

**NATURE OF WORK:**

**Duties & Responsibilities:**

* Report to Projects Engineer- Sr. Consultant.
* Technical Proposals preparation, B.O.Q and Report writing related to Power and Energy.
* Providing guidance to prepare Lighting layouts, power layouts, Load schedule, single line diagram and the related engineering calculations like panel board circuits and main distribution board circuit breaker size selection etc.
* Calculate the T/F selection, Electrical load calculation, Breaker selection, cable sizing calculation, lux level calculation, capacitor bank selection, bus bar and Earthing calculation, voltage drop calculation, lighting and illumination design for Commercial+ Residential complexes.
* Preparation of Single line diagram layouts, specification for Electrical Equipments such as Transformers, Energy meter, Fuses, Circuit Breakers (MCB,MCCB), capacitor bank, RYB cables, Voltage Drop Calculation, Distribution Boards, etc.
* Preparation of Bill of Materials and cost Estimates of Electrical Wiring Installations, repair and maintenance of reports for residential and commercial buildings.
* Client meetings, site visits- coordinate with junior engineer’s reg. work progress.
* Quotations for electrical equipments- collecting from local services providers and submitted to external consultants.
* Conduct inspections for all electrical material deliveries.
* Prepare daily QA/QC report regarding inspections, material, Non conformances etc.
* Prepare weekly surveillance reports, non-conformance reports and verification of corrective actions.
* Checking the drawings and documents used at site for approvals and compliance with project requirements.
* Assist / coordinate the preparation of the final handing over documents such as QA/QC documents, testing, commissioning reports, finding and recommendations for energy saving schemes etc.
* Maintaining records and archives to company standards.

**Professional quqlification:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Education Level** | **Board/ University** | **DGPA** | **Year of passing** |
| B-Tech(EEE) | W.B.U.T | 7.45 | 2014 |

 **Academic qualification:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Education Level** | **Board/ University** | **%age** | **Year of passing** |
| 12th class | B.S.E.B | 68.6 | 2009 |
| 10th Class | B.S.E.B | 53.8 | 2006 |

**Professional Training:**

**WBSETCL 132 KV S/Station**

**Title :** Summer Training

**Duration :** 17th June 2013- 29th June 2013(13 days)

**Role :** Trainee

**Description :** Transmission & Distribution.

**Strengths:**

* Hard working and discipline,
* Sincerity and confident
* Quick Learner & Punctual,
* Good communication skills

**Hobbies and Extra Curricular Activities:**

* Playing chess, Surfing net & Reading books

**Personal Information**

**FatheDate of Birth :** 15th February1991

**Language Known :** English & Hindi

**Declaration:**

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