**Chandramohan. N**

**Mobile:** +971523066294.

**E-Mail:** **chandru802011@gmail.com**

**Location-United Arab Emiraties.**

**Objective :**

Seeking Managerial Position in Project Work Execution/Process Enhancement with a Growth and Result Oriented Organization.

**PROFESSIONAL SYNOPSIS**

* A dynamic professional with over **17 years of Indian & overseas experience** in handling Erection & Installation works on Electrical Systems Projects including Maintenance. Functional expertise in handling the Plant Projects and Maintenance with key focus on bottom line profitability by ensuring Optimum utilization of resources.
* Excellent communication and interpersonal skills with strong analytical, team building, problem solving abilities, managing activities involving resource planning among various essentials.

**ACADEMIC QUALIFICATION**

* **Bachelor of Engineering (Electrical and Electronics) –** ‘**Kirupananda Variyar Engineering college’, Vinayaka Mission University, Salem, Tamil Nadu – India.**
* **Diploma** in **Electrical and** **Electronics Engineering** from ‘The Kavery Polytechnic College, **Tamil Nadu Technical Education Board**, Mecheri, Tamilnadu - India.

**AREAS OF EXPOSURE**

**Technical Skills.**

* Excellent work understanding of Electrical Drawing, Project planning, Erection.

Both practical as well as theoretical (calculative) Knowledge of different Electrical Equipment’s.

Contract Management, Engineering, Operations management, Airport Management, Team management, Procurement, safety management systems.

* Project execution, Tendering. Quotation, Meeting with client.
* 66 KV/11 KV Switch yard maintenance, underground and overhead line transmission.
* 132 KV Switch yard maintenance, 16 MVA Power Transformer Project and Maintenance.
* 11 KV Ring Main Unit Network, LT Switch Gears Project and Maintenance.
* Generator operation, maintenance, and related synchronous systems.
* IR Preparation and get approve from client, SAT&FAT Preparation and get approve from client.
* Passenger terminal building lighting systems.
* SCADA Power network systems installation.
* Applying for work permit for each task of the project.
* Making tender documentation for project.
* Air field ground lighting and control system Contract management, engineering, operations Management, Airport Management, Team Management, Procurement, Safety Management, Integrated Management, Airports, Project Planning management.

**CAREER ACHIEVEMENT**

 **Award from Bangalore International Airport for Individual Projects. Twice: 2011 & 2012**

**KARANATAKA STATE LEVEL QUALITY CIRCLE GOLD AWARD – INDIA (ASIA)**

**KARANATAKA - INDIA STATE LEVEL QUALITY CIRCLE GOLD - 2012 from ‘Bangalore International Airport’ for Individual Title of Project**

**2012 - 110 V BATTERY CHARGER Redundancy Supply.**

**2013 - Silver Award** **Reliability of PLC SCADA Communication System.**

**CAREER HIGHLIGHTS**

**Jan 2022 – Till date Worked as an Electrical Engineer in Universal Voltas LLC.**

* Responsible for the timely and accurate completion of all required monthly project review reports and profitable on-time completion of the project.
* Provide on-site leadership for project team by building and motivating team members to meet project goals, adhering to their responsibilities and project milestones.
* Maintaining the airside, Substation building interior lighting and Panel boards, metering cubicles wiring cabling.
* Ensuring the 24/7 aircraft stand High mast lighting serviceability and preparing the maintenance scheduling.
* Attended breakdown and preventive maintenance of all electrical substation equipment’s.
* Working knowledge in preventive & breakdown maintenance of HT Panels and LT Panels, Lighting systems.

**June 2020 –Jan-22 Worked as a Project Manager in Vardhman Airport Solution LTD.**

**(Bangalore International Airport LTD -North Runway Rehabilitation).**

* Responsible for developing and reviewing Project Development and estimates, schedules, risk management plan and qualifications prior to Customer Contract Execution.
* Prepare estimates and detailed project plan for all phases of the project.
* IR Preparation and get approve from client, SAT&FAT Preparation and get approve from client.
* Supervises day-to-day work activities by delegating authority, assigning, and prioritizing activities and monitoring operating standards.
* Procure adequate resources to achieve project objectives in planned timeframes.
* Overseeing all onsite and offsite constructions to monitor compliance with safety regulations.
* Reviewing drawing for Electrical/AGL systems, finalizing vender, getting work permit from client.
* Strong leadership skills including motivation, organization, and constructive monitoring.
* Estimate of total cost related to completing a project.
* Determine needed resources (Manpower, Equipment and Materials) from start to finish with attention to budgetary.
* Raising Inspection request to client and raising invoice as per the client accepted IR.

Plan to prevent problems and resolve any emerging ones

**Nov-2018 –March-2020 as an Electrical Manager (Contract Basis) at Larsen and Toubro Engineering Construction Company (Bangalore Airport & Hyderabad Airport).**

* Reviewing drawing for Electrical finalizing vender, getting work permit from client.
* Design coordination & approval from client and Execution.
* Installation of (2 MVA) HT generator and synchronous panel, RMU network systems.
* Installation HT, LT Transformer & power monitor systems ABB Scada systems.
* Integrating existing systems with new Electrical Systems PMS HT, LT Systems (Power Monitoring Systems).
* Determine needed resources (Manpower, Equipment and Materials) from start to finish with attention to budgetary.
* Raising Inspection request to client and raising invoice as per the client accepted IR.
* Plan to prevent problems and resolve any emerging ones.
* Prepare the method statement for each active of the installation Electrical systems & AGL Systems.
* Parallel taxiway and Apron lighting systems installation as per the ICAO.
* Understanding of all facets of the construction process.
* Provide on-site leadership for project team by building and motivating team members to meet project goals, adhering to their responsibilities and project milestones.
* Prepare estimates and detailed project plan for all phases of the project.

**Aug-2015 –Sep-2018 worked as an Electrical Engineer at ADB SAFEGATE. (ABUDHABI-UAE) Abu Dhabi International Airport.Rehabilitation CAT-III B Taxiway, Runway & Substation work.**

* Project execution Electrical, Preparing of BOQ, Bill of materials, Airside inspection and coordinate with drafter to preparing of drawing. Site inspection and handling site engineers
* Project work execution and site inspection & making report, coordination.
* Handling, supervising and managing the all aspects.
* Lead a team and giving solution for the onsite issues.
* As per ICAO Annex 14 /FAA Standard project work execution.
* Airport substation installation for dedicatedly aircraft taxiway & runway power supply.
* Coordinate with sub-contractor for work progress, Site safety induction.
* Power calculation for airfield and power systems, redundancy power supply for airfield.
* Material submittal to client.
* Substation power distribution panel installation respective tray arrangement cable laying electrical and Airfield light cable laying.
* HV/LV Substation up to 2500 A panel installation and cable laying as per the drawing.
* Implementing PTW/LOTO System at Plant.
* Improved the safety environment in the entire plant.

**October 2013 to Aug-2015 date working as Senior Project Engineer in Vanguard Systems and Services International LLC.(Project Site: Khazzan Oil and Gas Project (Client: BP in Oman) Project Consultant: Jacobs Engineering)**

* Project Design and execution, Tendering and estimation. Quotation Meeting with client for client requirement, Supervision and Testing and commissioning.
* 1000 KVA \* 3 No’s DG (CAT DG Set) Testing and commissioning.2500 KVA Transformer
* Synchronizing panel and troubleshooting. Preparing for project document method statement QA/QC Documents.LT Panel installation and commissioning, LT Panel Schematic drawing updating.
* Preparation for project document Method statement. Project work force handling. Making tender documentation for project Lighting and control panel for motor.
* Permit holder for project execution. Water treatment plant Electrical maintenance, pump, DGs, Panels.
* Design and Erection Installation, Quotation, Tendering.HT /LT Panel installation and commissioning.11 KV Ring Main Unit Network. Transformer and Generator Project and maintenance.
* Making project method statement and making project schedule. International standard Code IEE/IEC.

**Mussina Airbase**.

* Project work coordination, execution, and site inspection. Preparing MS Project scheduling, Daily Report, Monthly report. Total control and monitoring of Airfield electrical.
* Runway lights. Taxiway lights. Precision Approach Path Indicator lights.

**July’07 to October 2013, date worked as an Electrical Engineer in Bangalore International Airport Limited**

**Electrical Utility**

* 2500 KVA Transformer, 10 Nos X 1500 KVA Diesel Generator synchronizing panel Auto/Manual synchronizing.
* 11 KV Substation, VCB, ACB.LT Panel erection and execution.
* Scada (SIEMENS) PLC Panel erection and execution, integrated with old Substation.
* Total control and monitoring of Power System Having Electrical Project & Maintenance.
* Good understanding of Electrical Drawings, Planning of Projects, Erection & Maintenance.
Both practical as well as theoretical knowledge of Different Electrical Instruments.
* Understanding HT/LT protection control logics
* Project work coordinating and doing site inspection & making report. Project updating and conducting project meeting.
* 66 KV/11 KV switchyard (4bays) ,16 MVA 4 bay power transformers.
* operation and maintenance of 66 KV SF6 Breakers & Power transformers
* 11 KV (48 Nos.) Network RMU operation and Maintenance. Transformer & switchgears protections relay (SIPROTEC).
* 5 \* 1500 KVA Diesel Generator synchronizing using Woodward Governor systems.
* Control and Monitoring of power system equipment using SCADA (WinCC)
* Siemens Optic Link module maintenance and trouble shooting.
* Airport runway emergency generator 400 KVA Operation and maintenance.

**PANTALOON (INDIA) RETAIL LTD Division of Big Bazaar Mall in Bangalore-India. (**August 2006 to 2007 July)  **Facility management of retail Electrical, HVAC, Plumping, Civil, work force handling.**

* Installations Maintenance of Powerhouse, HT Power (11 KV Transformers)
* Installations LT Power Distributions and Maintenance.

**JINDAL ALUMINIUM LTD in Bangalore-India** (2005 Feb to August 2006)

**Aluminum process unit**

* 11 KV furnace, 3.3 MVA Transformer, 2500 KVA\*4 Transformer, AC/DC motor drives
* HT/LT Panel operation and maintenance, trouble shooting, power analyzing

**Tamilnadu Government Electricity Board -** Tamil nadu-india (Feb 2004 to Feb 2005 Training)

* 132 KV Substation, all type of distribution transformer operation and maintenance.

**COMPUTER LITERACY**

**Operating Systems : AUTO CAD Completed, Windows -7, 2000, XP Desktop OS**

**Packages : MS-Office, Power point, MS-Project, SAP.**

**TRAINING**

**Switchgear products and maintenance** in Siemens Technical skills Development Centre in Kalwa Mumbai. Duration – (20-11-07 to 22-11-07).

**M.V and switchboards and vacuum breaker, 3AH3 Siemens breaker**

In Siemens Power transmission and distribution Duration (01-02-08 & 03-02-08)

Training programme for **SF6 Circuit breaker in Siemens LTD**. Duration – (19-02-09 to 20-02-08).

Training programme for **8 PU LOW VOLTAGE SWITCH BOARDS & 3WL AIR CIRCUIT BREAKER** in

Siemens LTD.

**11 KV RMUs** in Siemens LTD. Duration (17-01-08 to 18-01-08)

**Emergency panel with MTU/VOLVO Engine** in Siemens LTD India.Duration (11-03-08 to 14-03-08).

**Power System protection –Siprotec Relays** in Siemens LTD.Duration -09 -01-08 to 10-01-08).

**PMP exam preparation seminar completed -24/05/2020.**

**PERSONAL DETAILS**

Present Address : **United Arab Emiraties.**

Permanent Address : Salem, Tamil Nadu, India

Passport No. : M5245197 (04/02/2025)

**Driving License : United Arab Emirates License.**

License’s : ‘C’ Government of India Karnataka License (HT/LT Electrical) Supervisory)

**LANGUAGE PROFICIENCY**

English, Tamil, Kannada, Telugu, Hindi

**DECLARATION**

I hereby declare that the above statements are correct to the best of my knowledge and belief.

**DATE:**

**PLACE: N. CHANDRA MOHAN**