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Name : Tamil Selvan.K
Current Position : Sr.Electrical Engineer
Qualifications : Bachelor of Engineering – Electrical and Electronics
University : Anna University, Chennai, Tamil Nadu, India
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Personal Details:

Date of Birth : 10th June 1974
Nationality : Indian
Marital Status : Married
Language Proficiency : English, Tamil & Hindi
Driving License : Valid UAE Driving License

Certified from DEWA - PV Solar Junior Engineer

Membership - Society of Engineers -UAE

Expert Professional Experience

Having 18 years' experience in the field of Electrical & Electronics and handled different projects for the various Clients.

Total Professional Experience in Gulf Region 12 Years

CAREER SUMMARY:

I have 12+ years' experience in construction in MEP services and all infrastructures, according to Local regulations and international standards.

Experience includes construction design, drawing development, installation, T&C of Electrical & ELV systems and project management of complete MEP system. Plans, organizes and execute MEP Works of various buildings such as Commercial buildings, large Shopping malls, Residential building, High rise buildings etc.

AREA OF EXPERTISE:

- ❖ Construction Design.
- ❖ Review scope of work with issued tender drawings, specifications, and BOQ.
- ❖ Project Planning & scheduling drawing and material submissions.
- ❖ Preparation of shop drawings & obtain approvals from consultant
- ❖ Reviewing shop drawings from specialist subcontractors and obtain approvals
- ❖ Preparing all required documents related and obtaining Authority approval
- ❖ Prepare material take off / quantification.
- ❖ Preparing the Bill of Quantity for Intending Materials
- ❖ Involve in Material submissions and its approvals.
- ❖ Coordination with Consultant & Clients. Attending meetings, prepare progress review.
- ❖ Anchoring on-site erection & commissioning activities and ensuring completion of the project within
- ❖ The Time & cost parameters (effective resource utilization to maximize the output).
- ❖ Preparation of Materials & Labors Reconciliation, monitoring day to day site activity & Reporting to Management, Maintain daily Progress Records, Quality Records

DUTIES AND RESPONSIBILITIES Sr.Electrical Engineer:

- ❖ Studying tender drawing, specification/contract document and raise the quarry to consultant/client For preparing the drawings & solve the problem if any at the starting stage
- ❖ Administer the construction process of Electrical & ELV activities and management against Appropriate construction program through proper planning, execution and monitoring
- ❖ Managing a team of engineers & CAD technicians, project planning, resource allocations for various projects.
- ❖ Overall Execution of Electrical & Low current system works at site as per approved drawings and in compliance with Local Electricity and Civil Defence Authorities Regulations.
- ❖ Lighting & power point wiring, testing, and commissioning, Cable tray work, Cable laying and termination and Earthing.
- ❖ Electrical Systems like LV Panels, Capacitor Panels, SMDB and DBS
- ❖ Fire Alarm system, Emergency light, Voice Evacuation, Building Management System, Structured Cable System, CCTV Security and Access Control System,
- ❖ Erection and commissioning of Transformer, HT/LT Breakers.
- ❖ Working out resource requirement for each activity and produce resource requirements.
- ❖ Liaising with Consultants and contractors in MEP Works.
- ❖ Assessment and preparing for required materials and equipment for the work site.
- ❖ Preparation of Voltage Drop Calculation for cable to wires for the complete project, testing & commissioning for Various Equipment Like LV Panels, Pumps, AHU's, FCU's Various Fans
- ❖ Adept in swiftly ramping up projects in close co-ordination with clients, contractors & Consultants And ensuring on time deliverables.
- ❖ Coordination of works with Main contractors, sub-contractors, consultants and also with Architects.
- ❖ Monitor the supply of materials, Ensure works are carried out safety in Accordance with company safety policy.
- ❖ Plan resource needs and inform and continually update to the project manager

PROJECT EXPERIENCE AND ACHIEVEMENTS:

April– 2016 to Working as Sr. Electrical Engineer

M/s FUTURE POWER ELECTRO MECHANICAL L.L.C- DUBAI, U.A.E.

Job responsibilities:

- ❖ ***Dubai International Airport Expansion, Contract No. DP/BLD/060-East GSEM Satellite & DNATA Offices-Supply, Installation, Testing and Commissioning of Electrical Works***
- ❖ ***Dubai Airport Expansion Phase (III)-SP330-Support Facilities, South Super Gate-for Electrical, FA and ELV system installation***
- ❖ ***Dubai Airport worked at DA43 /2018 – Installation of MV and LV Earth cable of various units***
- ❖ DEWA -Warsan Power Generating Station-Phase IV Extension-400 kv GIS Extension works in Warsan
- ❖ DEWA -132kv-Saadast S/S Extension-132kv GIS Extension works.
- ❖ DEWA -Warsan Power Generating Station-132kv-WRSN Extension-132kv GIS Extension works in WRSN 132kv substation
- ❖ Installation works at various 132kv substations of DEWA under the sub contract of ETA.
- ❖ Various Electrical works done from Dubai Properties , Emaar groups
- ❖ Designing, testing and commissioning of various jobs as per DEWA regulations and guidelines.
- ❖ Preparation of quotations for various jobs after conducting necessary surveying and meetings.

**DEC– 2015 to Apr 2016 Working as Electrical Engineer
Steel Man Electromechanical Contracting LLC Dubai, UAE**

Job responsibilities:

❖ **PROJECT: 2B+G+9+RF Cambridge Business Tower, Dubai Silicon Oasis.**

Cable sizing, bus bar, voltage drop calculation.

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.

DEWA Online Submission for Shop Drawing approval

**Dec 2008 to DEC-2015 Working as Electrical Engineer– from
M/s PRIME ELECTRICAL CONTRACTING COMPANY L.L.C - DUBAI, U.A.E**

Job responsibilities:

❖ **132/11 kV DEWA Sub Stations:**

Monitoring and supervision of all electrical erection works in 132/11 kV substations of DEWA as per schedule and specification.

Work includes the Erection of 132kV GIS, Erection of 132 KV Transformers and Reactors, 11/0.4 kV Earthing Transformers, Capacitors including damping reactors and unbalanced CT's, 11 kV Switchgear panels and bus ducts, 132 kV Control and protection panels.

Erection of Batteries, Charger panels and Erection of cable trays Assistance to testing and commissioning activities.

Laying of HV and LV control and power cables as per scheduled routings. Glanding and termination of HV and LV cables

Earthing works as per specifications for all equipment's, steel structures. Lightning, Protection System. Installation and Commissioning of DB, MDB, SMDB, Capacitor Bank.

Major Project include:

- ◆ **132/11kV DEWA sub-Station, Jumeirah Golf Estate, Dubai.**
- ◆ **132/11 kV DEWA Sub-station Kifaf, Dubai**
- ◆ **132/11kV DEWA Sub-Station, Jain, Dubai.**

Supply and Installation of Street Light Projects

- ◆ **R 902/1- Improvement of Emirates Road Stage 2-Phase 1(Parsons)**
- ◆ **Palm Deira access Bridge (Parsons)**
- ◆ **Jebel Ali Down Town (Limitless)**
- ◆ **R-801- Leveling & Roads at Al Barsha (Parsons)**
- ◆ **R-800-3B Ras Al Khor Crossing (Parsons)**
- ◆ Preparation of shop drawing for the Street Lighting, LV and HV cable laying, LV control panels.

Reaction of various types of Street lighting Poles, installation of Feeder Pillars, Laying and termination of cables Co-ordination with DEWA & RTA for the shop drawing approvals and NOC's. Coordination with main contractor, consultant and making all the correspondence to keep the project up to date in terms of financial and technical aspects. Preparation of Red marks up drawings. Keep monitoring the safety measures during the activities at site. Updating all variations done at Site into schedules and drawings. Material submissions and its approvals.

Roles & Responsibilities:

- ❖ Prepare M&E co-ordination drawing and M&E submissions.
- ❖ Assist the M & E Engineer in planning and monitoring of construction work progress reform cost analysis and prepare a budget for senior management review.
- ❖ To Coordination/Supervision of services in blocks and underground site.
- ❖ Possess effective skills and knowledge in reading building plan, site monitoring and managing construction activities.
- ❖ Act as liaison between builders and contractors to ensure an adequate supply of resources.
- ❖ Coordinate with site inspectors to check the ongoing project status and development
- ❖ Maintain reports of contractors for proper execution of key projects on a daily basis
- ❖ Prepare penetration drawings for submission.
- ❖ Monitoring the Execution works and regularly updating the project head
- ❖ Preparing progress report and submitting to the project manager

SOFTWARE EXPOSURE:

AutoCAD

MS office Tools

DECLARATION:

I do hereby declare that the particulars of information and facts stated here in above are true, Correct and complete to the best of my knowledge and belief.

Place: Dubai

Yours Sincerely,

Date:

Tamilselvan.K

