

SHINE EDWIN

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PROFESSIONAL SUMMARY

MEP Engineer with 9 years' experience in mep quantity survey engineering (post tendering) and execution of mep services like LV/HV and ELV installations, medical gas system, fire hydrant and fire alarm system, HVAC services, drainage and domestic water supply system in high rise buildings including commercial, residential, hospital, factory, warehouse etc.

WORK EXPERIENCE

MEP QUANTITY SURVEYOR

Sep 2019 - Present

ALBAWANI Co. LTD • RIYADH, Saudi Arabia

- Estimation and Installation of electrical engineering installations (Hospital Project- Re-measurable contract) includes estimating of LV (lighting, small power) and ELV System (Telephone, Data System, cctv, Access Control Systems, PAS), estimation of fire alarm system (detectors, alarms, pull stations, beam detectors, gas leakage sensors and alarms), estimation of LV cables for power distributions.
- Installation of underground wiring and UG cables through conduits and ducts, Installation of switch gears, panels, Installation of power and control cables to audio visual and public addressing systems, Installation of overhead cables using cable trays, Installation of building and equipment earthing.
- Estimation and execution of mechanical engineering installations (Hospital Project- Re-measurable contract) includes estimating of copper medical gas piping, Upvc rodi water piping for dialysis unit, High pressure steam and condensate piping for heat generators, heat exchangers and AHU, low pressure hot water copper piping for VAV, low pressure chilled water for FCU and AHU, copper domestic water supply piping, Upvc and Copper foul drainage piping, fire hydrant and firefighting piping, preparation of measurement sheets for HVAC -supply, return, fresh air and toilet exhaust ducting.
- Estimation of Irrigation and Landscaping- includes estimating upvc water supply pipes, hdpe drip lines, Solenoid valves, bubblers, sprinklers, quick coupling valves, surge protector, decoders, irrigation timer control panels, control cables etc. Brand-Rainbird.
- Change orders, Estimates material and labour costs for VO, preparation of RFI, preparation of material approval sheets, prepares materials inspection requests (MIR) and inspect deliveries of requested electrical and mechanical materials at site,
- preparation of external electrical and mechanical re-measurable services BOQ, preparation of As-Built drawings.
- Preparation of final handing over documents, pre-final and final payment certificates.
- Coordinate equipment and material deliveries at site.

MEP CONTRACT ENGINEER

Jan 2017 - Jul 2019

B.S ENGINEERING WORKS • Thiruvananthapuram, India

- Deals with execution of infrastructure mep services includes installation of street light poles, timer control panels, solar panels and control system, lightening arresters, LT cable laying and terminations, main switch boards, sub switch boards, earthing, electrical wiring, electrical equipment installation
- Estimation and installation of firefighting and fire hydrant system, zone control valves,

- gate valves, deluge valve, sprinklers, hydrant pumps, HDPE and GI hydrant lines.
- Estimation and installation of compressed air and gas lines.
- Estimating and installation of ELV system (Telephone, Data System, Access Control Systems), estimation of external and internal drainage and water supply system, external irrigation system.
- Installation of foul drainage and storm water drainage networks. preparation of As Built drawings, ,

MEP Q.S ENGINEER

Jun 2014 - Dec 2016

ARABIAN SUPPLIES AND CONTRACTING L.L.C • MUSCAT, Oman

- Quantity take off from tender, IFC and approved shop drawings, preparation of cost variation with respect to discrepancies between tender and IFC drawings, submission of variation notifications to register time and cost Implications,
- project monthly interim valuation preparations, preparation of sub-contractor payment certificates, monthly budget preparations, preparation of time extension documents, change orders, preparation of RFI, preparation of variation notifications, preparation of material approval sheets,
- preparation of external electrical and mechanical re-measurable services (provisional sum) BOQ, preparation of external mep As-Built drawings, certifying material requests from site.

Electrical Engineer

Jan 2013 - Jun 2014

COMMAND MEP SOLUTIONS • Thiruvananthapuram, India

- Involved in the procedure of execution of Electrical work according to the Approved Drawings, Contract documents, Specifications & Standards. Monitor daily works of in site, ensure that installation and maintenance of electrical system undertaken by electricians are done with utmost quality of workmanship.
- Maintains the operational work flow, implementation of cost reductions and develop system and procedures. Manages directly and provides engineering and technical support for all the electrical related work groups at site.
- Prepares materials requests and inspect deliveries of requested electrical materials at site. Prepares the work reports, collect receipts/ documents concerning electrical works & materials. Prepares measurements sheets of installed materials, electrical items and prepare bills/invoice.

EDUCATION

B-TECH Electrical and Electronics Engineering

Jun 2006 - May 2010

University of Kerala • Thiruvananthapuram, India

- Completed **B-Tech in Electrical & Electronics Engineering** under **Kerala University**, from **PRS College of Engineering & Technology** with **GPA: 6.12, 2006-2010.**
- Completed Plus-2(HSC) from Christ Nagar Higher Secondary School, Thiruvananthapuram with 70.17% marks. 2004 to 2006.
- Completed SSLC from Christ Nagar Higher Secondary School, Thiruvananthapuram with 78% marks. 2004.

SKILLS

- **MEP Course in Electrical Designing and Draughting.**

- **Auto CAD MEP 2013 & Auto CAD Electrical 2012 by AUTODESK, MS Dynamics.**

PROFESSIONAL CREDENTIALS

- COMPLETED IELTS -GENERAL TRAINING WITH OVERALL BAND SCORE : 6.5
- Completed Educational Credential Assessment for Immigration, Refugees and Citizenship Canada
- ELECTRICAL ENGINEER REGISTRATION - STATE OF QATAR

DUTIES AND RESPONSIBILITIES

- Involved in the procedure of execution of electrical work according to the approved drawings, contract documents, specifications & standards, preparation of technical query, inspection requests.
- Preparation of external electrical and mechanical services BOQ, preparation of as-built drawings, equipment's data sheets and schedules, load balancing, air balancing, testing and commissioning of electrical equipment's.
- Coordinate with suppliers for any technical faults, preparation of fault analysis troubleshooting, prepare service records and operation manuals.
- Prepares materials requests and inspect deliveries of requested electrical materials at site.
- Prepares measurements sheets of electrical installations and prepare bills/invoice.
- Attend site technical and progress meetings, coordinate with consultant site engineer for inspection requests, shop drawings, change orders and invoices approvals.
- Attend fire and safety training, conduct weekly tool box, first aid training and safety induction at site.
- Cost variation preparations against tender and IFC quantities, submission of variation notifications (Time and Cost Implications) , interim valuation preparations , sub-contractor billings , monthly budget preparations , preparation of time extension documents etc .
- Involved in the tendering procedures – Pre- tendering & Post tendering, also familiar with material budgeting & cost Estimation. dealing with suppliers for quotations.
- Preparation of variation / change orders, preparation of variation notifications, preparation of material approval sheets etc.

PASSPORT DETAILS

- Passport No : X7205371
- Place of Issue : Thiruvananthapuram, Kerala
- Valid from : 08-05-2023
- Valid to : 07-05-2033

DECLARATION

I hereby declare that the above given information's are true according to the best of my knowledge and belief.

Place: Kerala, India.

Date : 06-03-2025

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