

CURRICULUM VITAE

P. VELMURUGAN

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Summary:

Electrical & Electronics Engineering with around 6 years of experience in the field of Electrical Engineering using **AutoCAD, MS-Office** and providing MEP, L.V switchgears, Engineering Design on various projects in Residential and Commercial, oil & Gas, Refineries, Power and Process plants.

Educational Qualification

B.E Engineering: Electrical & Electronics Engineering–Anna University, Chennai, India. (2011)

H.S.C : State Board of Higher Secondary Education–Chennai, India. (2007)

S.S.C : State Board of Secondary Education–Chennai, India. (2005)

Professional Experience

Electrical Building Design in JSE Engineering Pvt Ltd

Training with JSE Engineering Academy at Chennai.

Period: Jan 2018–May 2018.

Description:

- Design and Drafting of Electrical System Design with Software tool like 2D Auto Cad and Dialux.
- Design and Drafting all kind of Electrical Building Drawings as per DEWA Regulations.
- Preparation of Electrical Services Design and Shop drawings for Lighting Layout, Small Power Layout, Fire alarm, Containment Layout.
- Light fitting co-ordination with False ceiling layouts and other Mechanical services.
- Developing of Conceptual Drawing, Design Drawing, Shop Drawings, SLD, DB Load Schedule, etc...
- Preparation of Enlarged details & section details for Electrical room and Transformer room.
- Design of Electrical Services Included Telecom and Data services, Lighting services with Trunking, Power services, Containment services and CCTV services.
- Calculations of Conductors & Insulators, Cable Selection Calculation, Voltage Drop Calculations, Trunking Calculations, Cable Tray Calculation and Basic Electrical Calculation.
- Design of Fire Alarm Services, Emergency Lighting services, SMATV services, etc.
- Capable of completing AutoCAD drawings in short period.

Projects Done:

Project#.1

Project Title: RIYADH METRO PACKAGES 3, DUBAI

Client: RAS GAS COMPANY LIMITED

Services: Lighting, Power, Telecom, and CCTV.

Project#.2

Project Title: REGIONAL HEAD OFFICE AND DISTRIBUTION CENTER, UAE

Client: DB SCHENKER

Services: Lighting, Power, Telecom, and CCTV.

Project#.3

Owner: SHARM RUJAIRAH REAL ESTATE L.L.C, UAE

Client: RW ARMSTRONG

Present Company: Bays Engineering Consultant –Chennai

Designation: Electrical Draftsman

Period: May 2017–till Date.

Previous Company: Integra International Trading and Contracting –Qatar

Designation: Electrical Draftsman/Design Engineer (MEP, LV Switchgear)

Period: Feb 2014–Sep 2016.

Previous Company: SCG Ex d TECH PVT. LTD. – Chennai - India

Designation: Production Engineer (LV Switchgear)

Period: Jan 2012 – Jan 2014

Software Proficiency:

- MS-Office (experience with MS Excel, Word, PowerPoint)
- AutoCAD
- Microstation (Basics)
- Dialux

Job Profile Summary:

- Understand the scope of work for a project and prepare engineering deliverables.
- Design and Drafting all kind of Submittal Drawings as per Kharamaa Regulations.
- Preparing General Arrangements and quantity based on Bill of Material.
- Designing of Panels from FORM -2 to FORM -4 Type.
- Busbar Size Calculations for Copper.
- IP Standards of Panels respectively.
- Formulation of Control & Power Logic and basic Interlocks & it's implementation.
- Project Engineering status and database management.
- Project design based on standards like IEEE/IEC,etc,
- Attending Panel Inspections at vendor places.
- Coordination with site issues and advising the site engineers to solve the issues.
- Coordination with site Modification work and Submit the Site Modification details to Estimation for Costing.

Projects Handled:

Project#.1

Project Title: BARZAN ONSHORE PROJECTS OPERATION CENTER (BXK-02), QATAR

Client: RAS GAS COMPANY LIMITED

Consultant: JGC CORPORATION.

Components used:

- ABB: Cap. Bank Panel, SMDBs, DBs
- MCCBs, Isolators, Capacitors, MCBs, ELCBs, etc...

Activity:

- General Arrangement Drawings - Based on Electrical room Layout & Cable Entries by coordinating with MEP Contractor.
- Preparing Shop Drawings by Complying Local Electricity Regulation and Consultant Specifications
- Breakers & Components selections by Complying Local Electricity Regulation and Consultant Specifications
- Submittal Submission to consultant and take approval by clearing consultant doubts and Questions
- After Consultant Approval to prepare Bill of Materials and submitting to purchase Department.
- Approved Drawings issuing to Production Departments.
- Guiding to Production Engineer and Technicians to Execute the Panels Production
- Attending Factory Acceptance Testing with Production Engineer and take approval from consultant.

Project#.2

Project Title: (2B+G+38F) AL ABDUL WAHAB GHOLAM TOWER HOTEL AND RESIDENTIAL APARTMENT TOWER, QATAR

Client: AL ABDUL WAHAB

Contractor: RADIUS ENGINEERING W.L.L.

Components used:

- EATON: 2500A LV Panels, Cap. Bank Panel, SMDBs, DBs
- ACBs, MCCBs, Isolators, Capacitors, MCBs, ELCBs, etc..

Activity:

- General Arrangement Drawings - Based on Electrical room Layout & Cable Entries by coordinating with MEP Contractor & Flange Provision by coordinating with Flange Suppliers.
- Preparing Shop Drawings by Complying Local Electricity Regulation and Consultant Specifications
- Breakers & Components selections by Complying Local Electricity Regulation and Consultant Specifications
- Submittal Submission to consultant and take approval by clearing consultant doubts and Questions
- After Consultant Approval to prepare Bill of Materials and submitting to purchase Department.
- Approved Drawings releasing to Production Departments
- Guiding to Production Engineer and Technicians to Execute the Panels Production
- Attending Factory Acceptance Testing with Production Engineer and take approval from consultant.

Project#.3

Project Title: DOHA MALL, QATAR

Client: H.E.Sh. HAMMAD BIN JASSIM BIN JABER AL-THANI

Consultant: DARA ENGINEERING CONSULTANT

Components used:

- ABB: 2500A LV Panels, Cap. Bank Panel, SMDBs, DBs
- ACBs, MCCBs, Isolators, Capacitors, MCBs, ELCBs, etc..

Activity:

- General Arrangement Drawings - Based on Electrical room Layout & Cable Entries by coordinating with MEP Contractor.
- Preparing Shop Drawings by Complying Local Electricity Regulation and Consultant Specifications
- Breakers & Components selections by Complying Local Electricity Regulation and Consultant Specifications
- Submittal Submission to consultant and take approval by clearing consultant doubts and Questions
- After Consultant Approval to prepare Bill of Materials and submitting to purchase Department.
- Approved Drawings releasing to Production Departments
- Guiding to Production Engineer and Technicians to Execute the Panels Production
- Attending Factory Acceptance Testing with Production Engineer and take approval from consultant.

Project#.4

Project Title: (4B+G+M+7) COM, AND ADM, BUILDING (P-106) NAJMA, QATAR

Client: MOHAMMED ABD AL-LATTIF A. AL-MANA

Consultant: AL-AQSA ENGINEERING CONSULTANT (Q.E.C)

Components used:

- ABB: MCC Panels, Motor Starter Control Panels(VFD, Soft starter, Star-Delta& D.O.L)
- VFD, Soft Starter, MCCBs, MCBs, ELCBs, Contactors, Thermal Over Load Relays, etc..

Activity:

- General Arrangement Drawings - Based on Electrical room Layout & Cable Entries by coordinating with MEP Contractor.
- Preparing Shop Drawings by Complying Local Electricity Regulation and Consultant Specifications
- Preparing Power Drawings by Coordinating with Motor Suppliers.
- Preparing Control Drawings by Coordinating with Project requirements and BMS Suppliers.
- Preparation Control Drawings Based of Input/output signals list from BMS
- Breakers & Components selections by Complying Local Electricity Regulation and Consultant Specifications & Coordination Charts
- Submittal Submission to consultant and take approval by clearing consultant doubts and Questions
- After Consultant Approval to prepare Bill of Materials and submitting to purchase Department.
- Approved Drawings releasing to Production Departments
- Guiding to Production Engineer and Technicians to Execute the Panels Production
- Attending Factory Acceptance Testing with Production Engineer and take approval from consultant.

PERSONAL PROFILE

Name : P. VELMURUGAN
Fathers Name : POOMARIAPPAN
Sex : MALE
D.O.B : 26-06-1990
Passport No : L-2301616
Martial status : Single
Languages Known : English& Tamil
Countries Visited : QATAR,UAE
Present Address : CHENNAI

I hereby assure that the above-furnished details are correct to the best of my knowledge.

Place:
Date:

(P VELMURUGAN)