

## **B S MURALI KRISHNA LEAD ELECTRICAL ENGINEER**

### **Personal, Educational and Language Details:**

Indian Electrical Engineer, graduated B Tech in Electrical Electronics in 2004 from Jawaharlal Nehru Technical University, India with more than 17 years continuous professional experience specialising in LV and MV electrical design and distribution and over 7 years in the Middle East. Mother tongue is Hindi and fully fluent in written and spoken English.

### **Key Skills:**

Over 17 years in electrical distribution design and detailing from LV through to MV in the electrical industry with electrical contractors and consultants. Skilled and experienced designer, with design leadership experience on a wide variety of projects and with skills in design coordination and design management.

### **Experience:**

#### **2012-present: Fahd Alireza Engineering Consultants, Saudi Arabia – Lead Electrical Engineer:**

Lead Electrical Engineer in charge for all electrical design work in Yanbu office. Duties include preparing design concept for LV and MV single line diagrams, power, lighting, earthing layouts, lightning protection, fire alarms, panel board schedules, LV and MV distribution layouts for site. Preparing design concepts for electrical and telecommunications infrastructure; low current systems (data, voice, CCTV, IP public address, access control); fiber optic design; feeder routing, distribution routing, drop cable sizing and back bone cabling as per RC Yanbu Smart City, IT department requirements. Preparing design calculations for demand load, load flow and short circuit analysis; circuit breaker sizing, voltage drop, cable sizing, conduit fill, Dia-Lux lighting calculations. Familiar with preparing Design Basis Report, Instruction to Bidder, Specifications, Bill of Quantities; attending Design Review, Comments Closure, Co-ordination meetings, Value Engineering and Technical Workshops. Experienced in submitting design packages for review and approval by RC Yanbu and Marafiq various departments. Planning design workflow and allotting work to team to achieve target dates; estimating man hours during bid stage and monitoring during implementation. Projects undertaken include labour camps, central library, multi-purpose hall, medical centres, shoreline development, family apartments, college expansion, YTI housing expansion, manufacturing units, medical warehouse, doctors housing, High Institute for Elastomer Industries offices complex, Environmental Safety and Control Department laboratories and office building, security fences and check posts.

#### **2004-2012: Hindustan Dorr Oliver Technologies, India - Senior Consultant:**

Responsible for executing works according to latest approved revision of drawings and/or instructions of authorized authorities; follow up with AutoCAD Technicians; transformer sizing and incomer cable selection; preparation of power and earthing layout; cable schedules; voltage drop calculations; lighting layouts; design calculations; distribution panels; single line diagrams; installation and commissioning works. Projects undertaken include Electroherm Ltd, cogeneration plant; GAC Ltd, combined power plant 30MW steam turbine generation, Gujarat; GGS, Hydrocarbon Crude Oil Station, Assam; LPG bulk handling and bottling plant, Kakinada.

#### **2002-2004: Premier Engineering Company, India – Senior Electrical Engineer:**

Responsible for the following activities single line diagram; power and earthing layout; cable schedules; LCS schedule lighting layout; lighting design calculations; power and control scheme for PCC, MCC and lighting/ power distribution panels for Jumbo Bag, Unit 2, Chennai. Also prepared the single line diagrams; earthing layouts; cable schedules; power and control scheme for PCC, MCC and lighting/ power distribution panels for STANPACKS India Ltd, Unit 2. In addition, undertook the complete design, installation and commissioning of an MCC panel for Tata Iron and Steel Company, Jamshedpur.