

# **PANDIYA RAJA.M**

26/1, Anna Nagar,

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## **Electrical Engineer in Construction Engineering Field**

Aspiring to work with a growing organization that offers a challenging assignment across Construction Engineering Field, where I can carve a niche for myself and effectively deliver towards contributing to the organization's target & aspirations

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## **CARRER HIGHLIGHTS:**

- A Dynamic Professional with more than 7 years of Experience in Supervision, including setting Goals and Objectives, Project Development, Planning and Installation, Budget Monitoring and Cost Control.
- In-depth knowledge of Electrical, MEP, Safety Concepts and Principles, familiarity with Projects like Residential, Commercial, Villas and High-Rise buildings.
- Ability to Follow the Rules and Regulations of Standards like NFPA, OHSAS.

## **CAREER EXPERIENCE:**

1. **Working with Mahathi Engineering Builders, Vedasandur, Tamilnadu, India from September 2014 to Present as Electrical Engineer.**
2. **Worked with Construction Excellence Company, Qassim, Kingdom of Saudi Arabia from July 2012 to July 2014 as Electrical & Safety Engineer.**
3. **Worked with MSP Homes, Chennai, Tamilnadu, India from September 2009 to June 2012 as Electrical Engineer.**

## **PROJECT DETAILS:**

- **Administration Building and Residential Complex (14 Floor), Qassim University-Ministry of Higher Education, Buraidah, Kingdom of Saudi Arabia.**
- **Arts and Science College, Qassim University-Ministry of Higher Education, Buraidah, Kingdom of Saudi Arabia.**

## **DUTIES AND RESPONSIBILITIES:**

- Responsible for Installation and Commissioning of all Electrical Equipments like Transformer, Motor, Generator, Panel Boards, UPS, Lighting, Bus Bar, Relays etc.,
- Providing Guidance to Prepare Lighting Layouts, Power Layouts, Load Schedule, Single Line Diagram, Earthing Layout and the Related Engineering Calculations such as Panel Board and Main Distribution Board Circuit Breaker Size Calculation.

- Responsible for Installation of Transformers up to 1000 KVA, Circuit Breakers (MCB, MCCB, ELCB), LT/HT Switch gear, Lighting fixtures, Power receptacles, LT/HT Cables, Cable Tray, Fire Alarm System, Fire Fighting System, Public Address System, Telecommunication System, Earthing System, Lightning Arrestor System.
- All Electrical Low and Medium Voltage Installations works, which were carried out as per BOQ Specifications and Materials as Per Codes like NFPA70, 72 and NEC.
- Handling and Inspection of Materials Such as HDPE, UPVC, PVC, Galvanized Steel, Stainless Steel, Copper Pipes and relevant joints like rubber rings, Solvent and Welded Joints and Fittings. Installation of Plumbing Fixtures and Sewer Lines.
- Installation and Pipe Laying of Galvanized Steel pipes for Fire Water and Reinforced Thermosetting Pipes (RTR) Storm Water Drainages Lines as per Detailed Drawings.
- Assisting with the Design Engineer and Quantity Surveyor in the Preparation of Bill of Quantities, Lighting layout calculations and Power Load calculations.
- Perform all MEP Site activities and coordinate with Construction, Engineering and Architecture Departments during the Installations of Electrical and Mechanical systems to ensure quality and execution of work according to client satisfaction.
- Reporting to Project Manager about Regular Site Activities and taking instructions from him to Implementing the Project Procedures as per project Schedule.
- **SPECIALITIES:** Project Management, Site Supervision, Inspection.

#### **ACADEMIC QUALIFICATION:**

- **Bachelor of Engineering in Electrical and Electronics Engineering** from Anna University with an aggregate of 72% in the year 2009.
- **Diploma in Fire and Industrial Safety Management** from **Bharat Sevak Samaj-Promoted by Government of India** with an aggregate of 89% in the year 2010.

#### **COMPUTER SKILLS:**

- **PLATFORMS:** Microsoft Office, Windows-XP, 7, 8.

#### **PERSONAL DETAILS:**

Father's Name	:	M.Murugapandian.
Date of Birth	:	6 <sup>th</sup> August 1988.
Nationality	:	Indian.
Marital Status	:	Married.
Languages known	:	English, Tamil and Arabic.
Passport Number	:	H7251146.

**(Pandiya raja.m)**