

# Curriculum Vitae

POST APPLIED FOR: **Electrical Engineer**

## **MOHAMMAD RAJA ALI** **Electrical Engineer**

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### *Personal Data:*

Father's Name : Md.Rahimuddin Ansari

Date of Birth :27<sup>th</sup> January 1988

Sex : Male

Nationality : Indian

Marital Status : Double

Passport No. : J4170365

### *Hobbies:*

- Net surfing
- Playing cricket
- Listening to music

### *Languages known:*

1. English
2. Hindi
3. Urdu

### **Key Skill in Computer**

- MS Office ( Word, Excel & PowerPoint
- Internet

**STRENGTH JOB PROFILE IN LOW**

### **Objective**

To pursue a challenging career in a reputed organization where I can explore my potential an environment characterized by opportunity and growth continuously acquires skill in emerging with organization growth.

### **Technical Qualification**

- Degree in **Electrical & Electronic Engineering** from **All India council of Technical studies** in 2010.

### **Education al Qualification**

- Bachelor of Engineering from Maharishi Dayanand University in 2010.
- 12th from Bihar Intermediate Education Council in 2004
- 10th from Bihar School Of Examination Board in 2002

Total 6-Years Experience in Industrial (2800MW) Power Plant Project and Commercial Building Project. Out of this 4- Years Gulf Experience in Rabigh Power Plant Project in Saudi Arabia and 2-Years in Commercial Building Project in India.

### **EXPERIENCE SUMMARY:- 6-years**

**Name of Company:** Al-Rashid Trading Contracting Co. Ltd. (RTCC).

**Project Name** : KAP-4 Riyadh.

**Experience** : 19 April 2015 to 7 July 2016.

**Designation** : Electrical Engineer.

**Client** : Ministry of interior ,KSA

**Name of Company:** Sendan International Comp. Ltd.

**Project Name** : Rabigh Power Palant-2

**Experience** : 12/08/2012To20/07/2014

**Designation** : Electrical Engineer.

**Client** : Saudi Electricity Company, KSA

**Name of Company:** Swaki Electricals Pvt. Ltd.

**Project Name** : Cox and King Limited.

**Designation** : Electrical Engineer.

**Experience** : 12/07/2010 to 20/07/2012

**Client** : Cox and King Limited. India

**FIRE ALARM SYSTEM**

- Working with Installation of Fire alarm system with addressable control Panel, smoke detector and Heat detector (addressable type).
- Working with fire alarm bell hooter, manual call point (MCP) and Interface module Installation and testing.
- Working with loop-1 and loop-2 low smoke zero halogen 2x1.5 Sq mm cable pulling for fire alarm system.
- Installation of Main Fire alarm control panel, Emergency fire Telephone and fire telephone panel.
- Float switch and fire alarm connection for mechanical fire fighting valve chamber.
- Interface module interface with Novec control panel.
- Installation of multi sensor (gas,heat,smoke)detector.

**CCTV System.**

- Installation of CCTV Control panel, 21” LCD Monitors, PC & DVR-1 Multiplexer with capacity of 48 Cameras (Internal & External Cameras).
- RG-11 Coaxial Cable laying for each CCTV.

**Telephone System.**

- Installation of Main Distribution frame (MDF) 2000 pair.
- Installation of main terminal cabinet(MTC) 50 Pair
- Installation of Telephone Outlet terminal box (TB).
- Working with 2 pair Cat 3and 10 pair cat 3 Cable pulling.
- 50 Pair Telephone Cable installations inside 110mm diameter UPVC Conduit.

**STRENGTH JOB PROFILE IN MEDIUM VOLTAGE AND HIGH VOLTAGE**

**To implement Building Construction management system and 2800MW Power Plant projects.**

**MV and LV Switchgears**

- Working with 1250KVA and 1600KVA oil Transformer.
- Installation of 13.8KV MV and 4.16KV LV Panel.
- Installation of Lighting Panel and Rectifier panel.
- Installation of 800MVA delta-star step up transformer directly connected through IPB alternator to Power transformer. NONA Cooling system.
- Installation of 140MVA Unit transformer delta-star two output tapping each 70MVA.
- Installation of 10MVA auxiliary transformer delta-star NONA Cooling system.
- Installation of Oil type Transformer capacity of 1600 KVA.
- Installation of 42 & 36 way DB (Distribution Panel) for Lighting and Power Point.
- Installation of MDB (Main Distribution Panel).
- Installation of 25KA RMU.
- Working with 1250KVA and 1600KVA oil Transformer.
- Working with HT& LT Panel HVAC Panel UPS Input and Output Panel Installation, testing & Commissioning & handed over of the following equipments/items complete.
- Installation, testing & Commissioning of Compact Air insulated type 3P+100% N, 400 Amp Horizontal Distribution Bus trunking of Aluminum Bus bar.
- Installation, Testing & Commissioning of wall mounted type DB fabricated with bus bar & having incoming MCCB.
- Installation, Testing & Commissioning of Modular type workstation UPS and Raw Power Point.
- HT&LT Cable Pulling.
- Plug-in Box with MCCB 63A to 400A with thermo magnetic release & 35KA to 50KA breaking capacity.

**MV and LV Cables**

- Installation of 13.8KV 3Cx185 Sq mm MV Cables.
- Installation of 400V/230V 4Cx6/10/35/240/300 Sq mm LV Cables.
- Installation, testing & commissioning of the following 11KV, 13.8KV and 4.16KV Armored XLPE Insulated and sheathed Cu conductor Armored cable complete as required.

## **MA TV System.**

- Installation of Offset Dish 130CM with 4 Out Quarto LNB.
- Installation of TV sockets with faceplate.
- Installation of 3 way splitter 7/7 dB.
- Installation of 4-way
- Installation of 6-way splitter 10/10 dB.
- Installation of 2 way splitter 4/5dB.
- Installation of 2 way Tap 23 dB.
- Installation of 233310 Fiber Optic transmitter.
- Installation of 234501 Fiber Optic Splitter 16 ways.
- Installation of Fiber Optic Receiver.
- Installation of Tox Rack Amplifier.
- Installation of 24 port Fiber patch panel.
- Installation of 4 core fiber cable single mode .
- Installation of RG-11 and RG-6 Coaxial Cable.
- Installation of 1030 Antenna.
- Installation of 5301 Televes rack.

## **Intercom System.**

- Installation of 20 way MIS, Intercom bell & Screen with Cameras.
- Installation of Cat 5e UTP Intercom Cable.
- Intercom connected through access control system.
- Installation of Pushbutton and magnetic lock.

## **Cable Trunk for Low Voltage/Current**

- Installation of cable trunk (Size 100Wx50H, 300Wx50H, 300Wx100H). Using C-channel, L-angle, and Unistruct single and double channel.
- Horizontal, Vertical inside and outside Cable trunk fittings installation.

## **IPB and CRB**

- Installation of Compact Air insulated type 3-Phase, 2500 Amp Horizontal and vertical hexagonal Aluminum Bus bar. IPB Isolated Phase Bus through alternator to main transformer through mechanical structure.(make Alstom)
- Installation of CRB Cast Resin Bus unit transformer to MV Switchgear.

## **LIGHTING AND POWER DB**

- Working with 42 way and 36 way DB Panel, HVAC Panel UPS Input and Output Panel installation, testing & Commissioning & handover of the following equipments/items complete.
- Installation, Testing & Commissioning of wall mounted type DB fabricated with bus bar & having incoming MCCB
- Excellent working with SLD and all Electrical system drawing.
- Installation, Testing & Commissioning of Modular type workstation UPS and Raw Power Point.
- Plug-in Box with MCCB 63A to 400A with thermo magnetic release & 35KA to 50KA breaking capacity.

## **Lighting system**

- Installation of EMT, RSC, RGS and PVC conduit for lighting system.
- Installation, testing of 2- way, 3-way magnetic switch.
- Installation of DALI System wiring 2- way,3-way magnetic switch
- Wiring and cable pulling for Lighting.
- Installation of stair case magnetic switch.

## **Street Light system**

- Installation of Street light Pole and Pole base.
- Installation of Street light Panel and cable.
- Installation of photo Cell

### **Grounding and Lightning Protection Earthing system**

- Mess-loop type earthing cable laying.
- Bare copper and Y/G cable laying and Cadd welding earthing installation.
- Inatallation of Lightning protection air terminal rod over building and equipment.
- GI earth electrode pipe Bare copper and Y/G Cable as per requirement.
- Installation of Copper Clad Steel Rod 17.2x3000mm long.
- Installation of Grounding Electrode & Inspection Pit.
- Installation of Potential Equalizer Bus-bar(PEB) and (TEC) Transient earthing Clamp.
- Installation of 70 Sq mm, 95 Sq mm, 150 sq mm, 240 sq mm Bare Copper and Yellow/Green Cables.
- Installation of 3x 25 mm Bare Copper Tapes.

### **Conduit**

- Installation of PVC and RGS conduit (size 1-6 inch.)
- Making duct bank and Cable Trench for UPVC conduits and Cables.
- Installation of 1-4 inch RGS Conduit.
- Installation of UPVC Duct bank for MV, LV and LC Cables.

### **Cathodic Protection**

- Installation of Pt. Ti Anode and Cathode.
- Installation of sacrificial Anode and Pull box

### **Cable Tray**

- Installation of ladder and perforated cable tray (Size 900Wx100H to 300Wx100H). Using C-channel, L-angle, Unisturuct single and double channel. Horizontal , Vertical inside or outside building and industrial Cable tray installation.

### **Accountabilities:-**

- Monitoring implementation of Electrical management plan and policies and advice/suggest corrective actions, as and when deficiencies/weakness are identified in the implementation of the Electrical management system.
- Fulfill the requirements of this plan in advisory capacity.

### **Declaration**

I hereby declare that the above written particulars are true to the best of my knowledge & belief.

**Date** :

**Place** : Mumbai, INDIA

**(Mohammad Raja Ali)**

