**Curriculum Vitae**

**POST APPLIED FOR**: **Electrical Engineer**

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| ***MOHAMMAD RAJA ALI***  ***Electrical Engineer***  C/O:-MAHUA MUKUNDPUR  P.O:-MAHUA DIST:-VAISHALI  BIHAR-844122  *Contacts*:  *Mobile* ***:+919955079848***      ***E-Mail:***  ***Skype ID: raja.ali4452***  [***raja.ali0786@gmail.com***](mailto:raja.ali0786@gmail.com)  [***raja.ali75@yahoo.com***](mailto:raja.ali75@yahoo.com)  ***Personal Data:***  *Father’s Name : Md.Rahimuddin Ansari*  *Date of Birth :27th  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 VOLTAGE/LOW CURRENT**  **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.   **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 Unisturuct single and double channel. * Horizontal, Vertical inside and outside Cable trunk fittings installation. | **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 in2004 * 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  **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 insulted 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.   **IPB and CRB**   * Installation of Compact Air insulted 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 Lightining Protection Earthing system**

* Mess-loop type earthing cable laying.
* Bare copper and Y/G cable laying and Cadd welding earthing installation.
* Inatallation of Lightining 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)**