**CORE COMPETENCES**

* **Electrical Pre-commissioning**
* **Electrical Installation**
* **Instrument Installation**
* **Material Management**
* **Project Planning**

**AREA OF EXPERTISE**

* **HT/LV Transformer Installation**
* **HT/LV Panel Installation**
* **Bus Duct Installation**
* **Lighting Installation**
* **HT/LV Cable Pulling**
* **Cable Tray Installation**
* **Earthing and Bonding**
* **Electrical Pre-Commissioning**
* **Fire & Alarm**
* **FM200**
* **Building Management System**
* **CCTV**
* **DCS & ESD**
* **Field Instrument calibration**
* **Field instrument Installation**

**VENGEDESAN SINGARAVELU**

## ✆+966 599469678

🖂**vengadesan2006@gmail.com**

**CAREER OBJECTIVE**

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| A versatile, accomplished & goal-oriented professional in Testing & Commissioning Construction Operations, Site Management, Project Management, Quality Operations, Material Planning, with proven track record of delivering consistent business results through adept leadership and application of sound management practice  **PROFESSIONAL SUMMARY**   * Having **13+ Years** of work experience in Field Engineering and Construction of Metro Rail, Oil & Gas, Power plant, Aluminum refinery and paper plant. * Performed Electrical & Instrumentation Field Engineering, Construction of Electrical Installation and commissioning work of Power Transformers, HT/LT Panel, Area lighting, F&A system and cable pulling. * Experienced with CCTV Systems, BMS, Public Address, Access control, Intrusion and Parking Management systems * Carried out loop checking, logic test for DCS & ESD system, performed Instrument Hookup work and various Instrument Calibration & Installation in process areas to perform commissioning and start-up. * Capable of ensuring Safety and Quality procedure are followed at site * Familiarity with safe Electrical work practices, hazard assessments and personnel protective equipment requirements * In coordinating with Client approval of field submittals – drawings & documents and materials. * Capable of managing all technical correspondence with Client. * Able to manage all commercial and contractual aspects related to contract invoice and variations.   **EDUCATION** |

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| 2009 - 2011 | **Alagappa University, Karaikudi, India**  MBA in Project Management with First Class Grade |
| 2003-2007 | **Pondicherry University, Pondicherry, India**  B. Tech, Instrumentation & Control Engineering First Class Grade |

**PROFESSIONAL EXPERIENCE**

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| **June,2016 to Present** | **BACS Metro Rail Project (RMP) Riyadh, Saudi Arabia (KSA)**  Position: MEP Electrical & Instrumentation Engineer |
| **Oct,2014 to June,2016** | **RELIANCE J3 Gasoline Up-gradation Project**  Company: **EDAC AUTOMATION LTD (SPIC Group)**  Position: Lead Electrical & Instrument Engineer |
| **Oct,2013 to Oct,2014** | **OPG 2x 150MW Power Plant, Bhadreshwar, Gujarat**  Company: **EDAC AUTOMATION LTD (SPIC Group)**  Position: Lead Electrical & Instrument Engineer |
| **April-2013 to Sep-2013** | **Jindal Steel and Power Ltd, Angul, Odisha**  Company: **VOLTECH INFRASTRUCTURE PVT LTD**  Position: Sr. Electrical Engineer (Erection & Commissioning) |

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| **March-2013 to April-2013.** | **Utkal Alumina International Limited.**  Company: **VOLTECH INFRASTRUCTURE PVT LTD**  Position: Sr. Electrical Engineer (Erection & Commissioning) |
| **Feb-2013 to March-2013** | **BILT Graphic Paper Product Limited**  Company: **VOLTECH INFRASTRUCTURE PVT LTD**  Position: Sr. Electrical Engineer (Erection & Commissioning) |
| **March 2008 to Feb 2013** | Company: **CHEMIN C & I PVT LTD.**  Position: Electrical and Instrumentation Engineer Field Service |
| **Aug-2007 to 28 Feb-2008** | Company: **CHEMIN C & I PVT LTD.**  Position: Engineer Trainee - Instrumentation |

**JOB RESPONSIBILITY:**

* Performed erection and coordination of testing and pre-commissioning of LV/ MV switchgears, UPS panel, lighting, cable-pulling, cable ladder in substation and process area.
* Performed erection and coordination of testing of 33/11KV Transformers, 33KV switchgear, LV Bus Ducts.
* Performed Material take off based on drawings and request the necessary materials to contractor
* Prepared the method statement, Inspection test procedure (ITP) for electrical activities.
* Attended weekly contractors and internal meeting to discuss about progress and constrains.
* Prepared the monthly billings and invoices. Attended the punch list/ Mechanical completion walk downs, issued punch lists attended the punch list Review Meetings, and signed off hundreds of punch list items.
* Ensured worker are compliance contractor Health and safety Procedures and implemented safe work practices.
* Ensure that the installation are done as per Codes & Standards like NCE,IEC,NFPA & etc..
* Experienced with CCTV Systems, BMS, Public Address, Access control, Intrusion and Parking Management systems.
* Erection and commissioning of all Field Instrument
* Calibration of field instrument like pressure gauges, pressure transmitter, pressure switches, RTD, Thermocouple, MTM Thermocouple Temperature Switch, Temperature Gauges and Temperature transmitters, Level gauges, Level Transmitters, Level switch and Flow Transmitters.
* Coordinate and monitor the work of subcontractors. Receives technical and operational supervision from supervising construction engineer or assigned supervising discipline superintendent
* Review data to determine material type and size then prepare itemized lists. Purchase, expedite and receive permanent material to ensure proper quantity and quality are received.
* Coordinates with engineering design on constructability issues.
* Rising RFI (Request for Information) and FCD (Field Change Notice) to Engineering.

**PERSONAL INFORMATION:**

Date of Birth : June 17, 1986

Nationality : Indian

Language : English,Tamil,Hindi

Sex : Male

Civil Status : Married

Passport No : Z5181882

Passport Validity Date : 26/06/2029

Transferable Iqama : Yes

**TRAINING:**

* **Electrical and Instrumentation Field Engineering Training by BECHTEL**
* **Resolving Conflict training by BECHTEL**
* **Communication and accountability Training by BECHTEL**
* **Effective Communication Training by BECHTEL**
* **Running Effective Meeting Training by BECHTEL**

**KEY SKILLS**

* **Problem Solving**
* **Analyzing Information**
* **Developing Standards**
* **Process FMEA**
* **ITP & CWP**
* **Supplier Billing & Payment**
* **Client Billing MDWP**

**SOFTWARE SKILLS:**

* **Aconex**
* **VBC**
* **MS Windows & Office**
* **AutoCAD, BIM-Revit**
* **Navisworks**