

# CURRICULUM VITAE



## **MADASAMY G**

Email ID: madasamy1990@gmail.com

Tamil Nadu – India

Contact no: +91-8144633407, +91-9101379523

### **OBJECTIVE:**

To work in a globally competitive environment on challenging assignments that shall yield thrice benefits of job satisfaction, steady paced professional growth and to contribute building the Nation.

### **PROFESSIONAL QUALIFICATION:**

- ❖ B.Tech,(Electrical & Electronic Engineering) with 6.853% from Kalasalingam University Tamil Nadu, India, in the year of passing:2011
- ❖ HSC, 85% from, Kalaimagal Higher Secondary School, April 2007.
- ❖ SSLC, 87% from, Kalaimagal Higher Secondary School, April 2005.

### **WORK EXPERIENCE:**

- ❖ Worked as a **Testing and Commissioning Engineer** in M/s. **PRECISION SEVICE, Chennai, India** from 14.05.2012 to 31.12.2015.
- ❖ Worked as a **Commissioning Engineer** in M/s. **VOLTECH ENGINEERS PVT LTD, Chennai, India** from 01.02.2016 to 27.12.2016.
- ❖ Working as a **Field Engineer** in M/s. **POWERGRID CORPORATION OF INDIA LTD, Bongaigaon, Assam, India** from 11.01.2017 to still Working.

### **PERSONAL SKILLS:**

- ❖ Good verbal and written communication skills
- ❖ Ability to deal with people diplomatically
- ❖ Willingness to work hard to fulfill the target with positive attitude

### **STRENGTH:**

- ❖ Having 8 years of Experience in EHV Systems in High Voltage Switchyards and Substations.
- ❖ Having knowledge in reading both Electrical and Civil schematic drawings.
- ❖ Installation, Testing & Commissioning of EHV Substations and Switchgears
- ❖ Presently working in Construction & Installation and Commissioning of 2 x50 MVA, 132/33 kV Transformer Bay at 132/33 kV AIS Sub-Station for Assam Electricity Grid Corporation Ltd through Power Grid.
- ❖ Erection & Commissioning of 1x50 MVA 132/33 kV Transformer, Charged Successfully.
- ❖ Experience in preparing documentation like Daily Progress Report, Work progress Reports, PPT, Testing and Commissioning Reports.
- ❖ Replacing of ACSR Zebra Conductor Transformer bay by ACSR Moose Conductor Transformer bay Conductor for AEGCL through Power Grid NER.

## CURRENT PROJECT:

### **Project Name: North East Region Power System Improvement Project (NERPSIP)**

- ❖ Construction & Installation and Commissioning of 2 x50 MVA, 132/33 kV Transformer Bay at 132/33 kV AIS Sub-Station
- ❖ Dismantling of 1x 25 MVA, 132/33 kV Transformer along with bay Equipment's
- ❖ Installation and Commissioning of Circuit Breakers, Isolators, Current Transformer, Surge Arrester, Bus Post Insulator.
- ❖ Installation and Commissioning of ACDB
- ❖ Installation of DCDB
- ❖ Installation of Battery Bank and Battery Charger
- ❖ Power and control cable laying for Transformer
- ❖ Power and control cable laying of switchyard Equipment's Circuit Breaker, Isolators, Current Transformer
- ❖ Power cable laying of ACDB, DCDB, Battery Bank, Battery Charger
- ❖ Erection of Main Earth mat(65mmx12mm GI flat), Auxiliary Earth mat for Isolators, Rod Electrode for Surge Arrester and Pipe Electrode for Transformer Neutral.
- ❖ Erection of Suspension and Tension Disc insulators, Hardware fittings, Equipment's terminal connectors, Bay marshaling Box
- ❖ Erection and commissioning Nitrogen Fire Fighting Protection System for Transformer
- ❖ Coordination with Contractor and sub-contractors for execution of Projects, Erection, Installation and Testing & Commissioning activities
- ❖ CIVIL WORKS:
- ❖ Foundation of 50 MVA, 132/33 kV Transformer along with jacking pads, rail track, oil soak pit, sump pit and fire resistant wall
- ❖ Foundation for switchyard Equipment's.
- ❖ Construction of DG drove Fire Fighting pump house building and fire water tank
- ❖ Construction of cable trench along with covers.
- ❖ Construction switchyard Road
- ❖ Soil Investigation Bore Hole work
- ❖ Construction of Fire Resistant wall for Transformer.

## BILLING AND DOCUMENTATION:

- ❖ Power Grid Contract and Maintenance, Construction of Substation (Supply & Service) Billing through SAP.
- ❖ Preparing Note for Exciting Agency (Amendment, Time Extension of Project, Contract Closing, Take over Certificate after Completion of Project).
- ❖ Record of Materials, Test reports activates. ( Site Order Register, Hindrance Register, Drawing Register, Stock Register, Road Leveling, Cement Receipt, Consumption and Test

frequency record, Compaction Register, Concrete Pour card Register, Store material In and out Registers)

- ❖ Observation and Monitoring Field quality plans, contract and statutory. ( Details of Bank Guarantees by Excising Agency, Labor License, BOCW Registration, All Risk Policy, OSM Insurance, Marine cargo policy, Workman Compensation policy, Third party liability, Automobile / Vehicle Insurance i.e. JCB, Hydra, Crane, Etc.)

### **EXECUTED PROJECTS:**

#### **Projects:**

- ❖ Construction, Installation, Testing and Commissioning of 1 no 50 MVA 132/33 kV Transformer
- ❖ Construction, Installation, Testing and Commissioning of 145 kV Equipment's SF6 Circuit Breaker, Current Transformer, Isolators, 120 kV Surge Arrester along with Support structure.
- ❖ Construction, Installation, Testing and Commissioning of 36 kV Equipment's SF6 Circuit Breaker, Current Transformer, Isolators, 30 kV Surge Arrester along with Support structure.
- ❖ Dismantling of Transformer along with 145 kV and 33 kV Equipment's

Organization: 132/33 kV Dhaligaon S/S, AEGCL, Dhaligaon, Assam

#### **Projects:**

- ❖ Testing & Commissioning of Switch Gears (33KV, 11 KV, 6.6 KV, 415 V) Current Transformer, Circuit Breaker, Potential transformer, Feeder protection relays over current, Earth fault, under voltage relay, Motor Protection relay and Power Transformer.

Organization : JINDAL STEEL LTD VIDYANAGAR WORKS, Karnataka, INDIA.

#### **Projects:**

- ❖ Testing & Commissioning of 11KV, 6.6 KV, 415V, CT testing, Feeder protection relays over current, earth fault, over voltage, under voltage relay testing, Motor Protection relay testing and Scheme checking and Cable HI-POT tests.

Organization : BRAHMAPUTRA CREAKER AND POLYMER LTD, Assam, INDIA.

#### **Projects:**

- ❖ Testing & commissioning of 6.6 KV, CT testing, Feeder protection relays over current, earth fault, over voltage, under voltage, relay and HT cable tests and Power Transformer

Organization : CARBORUNDUM UNIVERSAL LIMITED, Kerala, INDIA.

#### **Projects:**

- ❖ Testing & commissioning of 6.6 KV, 415V CT , Feeder protection relays over current, earth fault, over voltage, under voltage relays of HT&LT and Cable HI-POT testing.

Organization : IOCL BOTTLEING PLANT, Tamil Nadu, INDIA

**Projects:**

- ❖ Testing & commissioning of 11 KV, 415V CT testing, Feeder protection relays over current, earth fault, over voltage, under voltage relays of HT&LT and Cable HI-POT testing.

Organization : HETERO INFRASTRUCTURE SEZ LTD, Andhra Pradesh, INDIA

**Projects:**

- ❖ Testing & commissioning of 415V CT, PT, BREAKER, RELAYS testing, Feeder protection relays over current, earth fault, over voltage, under voltage relays of HT&LT and Cable HI-POT testing.

Organization : M/S ABB LTD, Korba West, Chhattisgarh, INDIA

**PERSONAL DETAILS:**

**Name** : MADASAMY G  
**Date of birth** : 03.04.1990  
**Father's Name** : P.Govindaraj  
**Language's known** : Tamil, English and Hindi (only Speak).  
**Nationality** : Indian.  
**Permanent address** : 115/118, Saliyar Street, Agathapatti, Sundarapandiam (POST),  
Srivilliputtur(TK),Virudhunagar(DT)  
TamilNadu, India, Pin: 626126.  
Contact No: +91-8144633407.

**DECLARATION**

I hereby declare that all the information furnished above is true to the best of my knowledge and belief.

**[G.MADASAMY]**