**ALAGARSAMY. S**

**Deputy Manager - Electrical**

1/121, Vachakarapatti, R.R.Nagar (Post),VirudhunagarDistt, Tamilnadu, Pin– 626204.

E-mail: [alagareee@gmail.com](mailto:alagareee@gmail.com)

Phone:+91-9816976761

**PRECIS:**

Accomplished with significant experience in Erection and commissioning of all power plant Equipments and project coordination. Possess Extensive Educational qualification with Diploma in Electrical& Electronics Engineering recognized for strong adherence to safety working Ability well as team member and leader.

**CORE COMPETENCIES AND PROFESSIONAL STRENGTH INCLUDE:**

* Erection, Electrical Testing and Commissioning.
* Control room, all electrical panel and plant auxiliary panel cable laying and Termination works.
* Power House & Substation illumination works.
* Extensive knowledge in load calculation, selection of cables, and optimization of supply systems.
* Maintenance of all Electrical Equipment’s.
* Dynamically involving in coordination with NRLDC, CEA, Power Grid Corporation India ltd to smooth operation of power house.
* XLPE Cable Laying and Termination works (132 KV & 400 KV ).
* Cost Controls&Purchasingworks.
* Safety Compliance.
* Documentation & inventory management.

**CAREER HIGHLIGHTS:**

* Having around **11+years of Experience in Electrical Engineering and Utilities**.
* Successfully erected and commissioned the **100 MW hydro power project(2X50 MW)** from the construction stage which includes the 2 no’s of 63.9 MVA of 11/132 KV generating transformers, 2no’s of 50 MW hydro generator, interconnecting substation of 132/220KV and other Power house auxiliaries.
* Successfully Commissioned the **9.6 MW Hydro Power Plant ( 3X3.2 MW)** which includes 3 No’s of 4 MW Generators, 2 No’s of 12.50 MVA Transformers, 22 KV Substation and transmission lines.
* Involving O&M including preservation activities in **100 MW Himachal Sorang Power Project** which includes 2 No's of 68.4 MVA of 11/ 400 KV Generating transformers, 2 No's of 50 MW Generator, 400 KV GIS (Gas Insulated Substation).
* Had been done the Erection, Commissioning, Operation & maintenance of **400KV GIS (ABB) & PotHead Yard.**

**PROFESSIONAL EXPERIENCE:**

**Present Company: GREENKO-HSPL**2X50MW Hydro Electric Power Project (Himachal Pradesh).

**Designation** : Deputy Manager – Electrical.

**Duration** : May-2013 to Till Now.

**Role : O & M Activities at Power house, 400 KV Gas Insulated Substation& Intake area.**

**Nature of work:**

* All Panels cable termination and Testing works.
* 400 KV XLPE cable laying, termination and Testing works.
* 400 KV Pothead Yard erection, Testing and Commissioning.
* Control panels, Relay panels & Bus Bar protection panels scheme checking
* Generator and Transformers site tests.
* Fire fighting systems and Cooling water system testing and commissioning.
* LV switchgear scheme checking.
* CAP, UAP, HVAC MCC, ACDB’s & DCDB’s testing and commissioning.
* Protection relays testing and commissioning ( Generator, Transformer and Transmission line Protections)

**Previous Company: Everest Power Private Ltd (ISO 9001/2008) -**

**Underground 100 MW Hydro Electric Projects(Himachal Pradesh).**

**Designation** : Associate Engineer– Electrical.

**Duration** : Sep 2008 - May-2013.

**Role : Electrical Maintenance- Power house &220KV Substation.**

**Nature of work:**

* Power House & Substation All panels cable laying, termination and testing works.
* All Power house & Substation illumination works.
* Actively involving in contract management with the service provider like ABB, Andritz Hydro, Fit well Power and other small contract to commission the power project.
* Factory inspection and site inspection and testing of Generating transformer, generators and other power Equipments.
* Maintain monthly fuel & energy consumption report for energy management solution to reduce the running cost of the project.
* Maintenance of DG, transformer selection of cable, optimization of supply system, compressors, Battery, UPS commissioning of motors, pumps, blowers and ropeway drives, and control systems. Etc...
* 3&2 BHK Guest House& Colony (for Employees) electrical works.

**TRAINING PROGRAMS:**

* Company : Delta engineering works, Sivakasi, Tamilnadu.

Nature of work:**Rewinding Works for Motors & Transformers ( 18 Days).**

* Company : Voith Siemens , Noida.

Nature of Training : **Operation & Maintenance ofPower plants (15 Days).**

* Company : MVS ACMEI, Hyderabad.

Nature of Training : **Vibration Analysis.**

* Company : AECOM International Company.

Nature of Training **: Health, Safety and Environment.**

**ADDITIONAL SKILLS:**

* Coordination with consultant, client & lead the team to execute the project.
* Well versed with AutoCAD, MS Office.
* A team player with good managerial skills, packed with technocratic attitude.
* Resolve to walk the extra mile to achieve excellence.

**ACADEMIC CREDENTIALS:**

* Currently I am studying B.E (Electrical Engineering) at IEI (Institution Of Engineers India) Kolkata.

(Section A Completed).

* Diploma in Electrical & Electronics Engineering with **89.7 %** from ArasanGanesan Polytechnic College (Directorate of Technical education, Chennai), Tamilnadu.
* SSLC with **86.4 %** and HSC with **78.9 %** from K.V.S.H.S.S., Virudhunagar (State Board of education), Tamilnadu.

**PERSONAL DETAIL:**

Name : Alagarsamy S

Date of birth : 16-06-1989

Father’s Name : Solairaj

Mother’s Name : Alagulaxmi

Languages known : English, Tamil, Telugu & Hindi.

Marital Status : Married.

Permanent Address : 1/121, Vachakarapatti, R.R.Nag ar (Post),

Virudhunagar Dist,

Tamilnadu,India, Pin–626204.

Aadhar Card No : 630011929934

Passport No : L8085678.

Date of Expiry : 23/03/2024.

**DELARATION:**

I vouch for authenticity of the information furnished above.

**(S.ALAGARSAMY)**