



R.MARISAMY

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Carrier Objective: -

Seeking senior level management and key personnel positions for managing day - to day operations of a high growth oriented, large Diesel Power Stations/ Process Industries/ Project Engineering & Management.

Educational Qualification: -

- EEE Diploma from "Thanapandiyan Polytechnic", Madurai - 1995
- DIS from "Annamalai University annamalainagar", Chidambaram - 2001
- DIA from "Annamalai University annamalainagar", Chidambaram - 2006
- B.E., Graduate from "Thiyagarajar collage of engineering", Madurai", 2012

Summary of Background:-

- I am a graduate engineer, aged 44 years with 25 years of progressive management experience in a Power Plant and other Industries which includes a decade more of executive leadership as a high-energy and intuitive manager for installation, Testing & commissioning of Power and Generating Transformers and Maintenance & operation of a generating capacity of 106 MW Diesel Power Station with strong management skills and proven ability to assess the organisation need and implementing effective administrative procedures. Proficient at working independently, handling simultaneous projects and meeting deadlines.

Employment Chronicle & Positions:-

- Working as a Power Plant Operation and Maintenance engineer in AKSAF MADAGASCAR 2019- till date
- Electrical Project co-ordinator in AKSAF Mauritius 2018-2019
- Consultant of Power plant division in Samayanallur Power Investment Corporation (P) Ltd, 2016 -2018
- Asst. Manager, E&I Operation & Maintenance, Madurai Power Corporation (P) Ltd. 2004 – 2016
- Site Engineer – Erection & Commissioning in Bhuvaneshvari electrical (TNEB Regn.No MDU/W124/2001-02, CEIG ESA-227) 1999 – 2004
- Trainee Engineer - Erection & Commissioning in APEX ELECTRICAL Ltd one of the leading power & Distribution transformer manufacture in INDIA (In Technical collaboration with ELIN TRANSFORMATOREN, Gmbh, Austria) 1998 – 1999
- Supervisor in Hopes Engineering 1997 – 1998
- Supervisor Trainee in Bhuvaneshvari electrical (TNEB Regn.No MDU/W124/2001-02, CEIG ESA-227) 1995 – 1997

SRENGHTS

- Self-confident, self-sufficient high energy team leader and participant
- Have the ability to develop clear strategies and gain commitment to establish clear objectives and provide the leadership necessary to meet those objectives.
- Able to maintain cooperative and empowering relationship with employees and a cooperative relationship with the customers.
- Motivates others and establishes a teamwork environment.
- Communicates effectively at all levels within and outside of the organization
- Tolerant of various attitudes and cognizant of cultural differences
- Appreciates and cultivates the capabilities of others.
- Co-ordinate and Conducting periodical internal quality audits for QMS (9001), EMS (14001), OSHAS (18001)
- Having **ENERGY AUDITOR** Certificate from The Bureau of Energy Efficiency is an agency of the Government of India, under the Ministry of Power created in March 2002 under the provisions of the nation's 2001 **Energy Conservation Act. Licence No, EA-23947**
- Having **5-S AUDITOR** certificate from **AOTS ALUMNI 5S FORUM OF INDIA**
- Competency Certificate from **Chief Electrical Inspector of Government of Tamil nadu No.24046**
- Actively participated with top management for getting **PAT cycle-1** from The Bureau of Energy Efficiency is an agency of the Government of India, under the Ministry of Power
- Actively participated with **TERI** energy audit for plant internal audit
- Hands on experience of **MAMA-PRO & FORTI CLIENT SAP SYSTEM:** Maintenance management system with **MSSQL Server 7.0** as back end

CORE COMPETENCIES SKILL

Power Plant Operation & Maintenance Management: -

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|---|------------------------------------|
| ◆ Managing more than 100 MW Power plant operation | ◆ Fuel Logistics |
| ◆ Plant performance evaluation, | ◆ Resource-Allocation/Levelling |
| ◆ Implementation of cost-effective steps | ◆ MIS & KPI Reporting |
| ◆ Trouble shooting and break down analysis, | ◆ Safety Compliances |
| ◆ Inventory Planning & Control | ◆ Warehouse Administration |
| ◆ statutory compliances, | ◆ Coordinator & Implementation for |
| ◆ Implementation of cost-effective steps in energy efficiency | 5S, Kaizen, TPM & CLRI |

I. At Project Division: -

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|--|-------------------------------------|
| ◆ Facilitate & manage site establishment & Closure | ◆ Administration, Problem solving |
| ◆ Multilingual communication | ◆ Planning & Supervisory skills. |
| ◆ Monitoring & controlling. | ◆ Meeting Dead Lines |
| ◆ Generating project status reports | ◆ Basic & Detailed Engineering. |
| ◆ Material Codes, design & manufacturing standards | ◆ Review of P&IDs, PFDs. |
| ◆ Bill of Quantity & Tech. specification | ◆ Evaluation of technical bids |
| ◆ Equipment & Material selection | ◆ Vendors Evaluation & development. |
| ◆ Follow up for material resources and logistics. | ◆ On site & off-site inspection |
| ◆ Liaising | |

Power Plant Maintenance Management: -

As a Asst. Manager direct all activities on the plant property related to operation of the generating station and support equipment of 106 MW oil based Diesel Engine Power Plant to produce Electricity, safely and efficiently and within regulatory and procedural requirements established by the operating permits of the facility obtained by the Company and maintain uninterrupted power supply to grid. The primary duties are.

- Supervise and schedule the Maintenance staff on day-to-day operations of the plant.
- Provide leadership and direction to the Maintenance staff.
- Co-ordinate with Maintenance and operation Manager for repair and Operation of the plant.
- Provide planning and co-ordination of maintenance activities to minimize the downtime and to optimise the plant output and availability.
- Provide expertise in safe operation of the plant, Supervision and enforcement of safety procedures.
- Direct the activities of the plant maintenance to achieve superior performance and to operate in the most cost-effective manner by ensuring all rules, regulations, procedures and guidelines are adhered.
- Direct, develop, maintain and manage a proficient, efficient and competent work force for continual improved performance.
- Direct and define the development of procedural changes to operation staff necessary to maintain reliable and efficient operation of the plant.
- Direct the formation of applicable portions of the budget and recommend major maintenance and capital budget items and equipment changes to enhance the performance of the facility. Provide accountability of budget performance in accordance with the Operating Plan.
- Implementing the energy efficiency aspect activities and awareness.
- Monitor equipment and operator's performance to meet plant performance objectives.
- Liaising with Governmental bodies and other institution for statutory Compliances.

At Project Division: -

- Facilitate & manage site establishment, independently lead and motivate a project management team that is accountability for project execution.
- Managing EPC Project construction/erection at site including activities such as fabrication/ construction/ erection and completion of projects within schedule and in budget.
- Responsibility included for daily, weekly running of work schedule, undertaking/execution of work plan in coordination with vendors, contractors.
- Conducting site co-ordination meeting, analyse major scope of works for criticalities, liaison with client regarding project related issues and keep the client & management updated on project progress and provide technical expertise & advice regarding project scopes, problem solving.
- Familiar with International codes, Standards for design and manufacturing e.g. API, ASTM, BS, DIN, ASME, TEMA, ANSI, NFPA, NEMA.

- Study of basic & detailed engineering, review of P&IDs, PFDs & Piping drawings. Preparation of Bill of Quantity, Technical Specification for static & rotary equipment.
- Evaluation of technical bids/quotes and Equipment selection, and Material selection for steel pipes & fittings, structural and pressure parts.
- Finalizing vendors, Vendors development, Logistic for material resources and follow up. Carry out on site & Off-site inspection for heavy engineering equipment manufacturing.
- Evaluation of Plant performance, preparation of site history records & documentations. Closure of pending points, additional claims, transfer/disposal of site establishments/surplus materials.
- Liaising with all Governmental bodies and other institution for information, sanctions & approvals.

HIGHLITED PROFESSIONAL ACHIEVEMENTS

- Operation & Maintenance of **11 X 6MW WARTSILA 18V32LN** Engines with 11/63KV, 26MVA G.T, Grid connected main bus Substation Enhanced Electrical & PLC SCADA System
- Commissioning, Testing, Operation & Maintenance of **4 X 6mw DEUTZ BV 16 M 640** engine with 11/63KV, 18MVA G.T, Grid connected main bus Substation and Enhanced Electrical & PLC SCADA System
- Long term preservative Operation & Maintenance of **7 X 15.14MW WARTSILA 18V46** Engines with all related axillary rotary and electrical equipment's
- Operation & Maintenance of **7 X 15.14MW WARTSILA 18V46** Engines with 11/110KV, 24/40MVA G.T, Grid connected main & transfer bus Substation with Enhanced Electrical & PLC SCADA System. (Fuel and lube oil unloading & treatment plant, R.O water, Cooling water system, DAF, JOWA oily water sludge treatment & Effluent treatment plant, Vapour absorption plant and Fire Hydrant Sprinkler Plant)
- **CUMMINS Make NTA – 855-G4** Model Engine complete erection, commissioning and Operation & Maintenance
- **ESUN** make **OLTC** overhauling work in **100MVA EMCO** make Autotransformer.
- 3nos of **110KV C.T. IR** value improvement & overhauling at Sriperumbuthur **400/230KV SS** & pasumalai **230 KV SS** at Madurai.
- **8MVA & 16 MVA 110/11Kv** power Tr. Rewinding work at Samayanallur TNEB repair bay, Madurai.
- **16MVA** power Tr. L.V & H.V Coil reassembling work at 1050MW Tuticorin Thermal Power Station.
- Rectification and leak arresting of radiator bellows and **OLTC** of **230/110/11 KV** auto Tr.1 and II Theni **230 KV SS** TNEB
- Rectification of failed 1 no **3MVA 110/22 KV** power Transformer work at Samayanallur TNEB repair bay, Madurai.
- complete overhauling of **13nos** of **14 MVA 11/110 KV** Single Phase Generating Transformer at 140MW Periyar Hydropower station.
- Testing and rectification of **DELLE** make **66 KV current Tr.** at 32MW Servalar Hydropower station, Papanasam
- Complete overhauling of **6nos** of **110 KV oil bushings** at 140MW Periyar Hydropower station.
- Hot oil circulation and commissioning of **10 MVA NGEF** make power Tr. at Meilakkalur **110 KV/11 KV SS**.

- Erection, hot oil circulation and commissioning of 1 No of **100MVA 230/110kV EMCO** make transformer at Senbhagarampudhur.
- Erection, hot oil circulation and commissioning of 1 No of **100MVA 230/110kV** transformer at SIPCOT 230kV Substation Tuticorin.
- Dismantling of 1 No **10MVA HHE** make power transformer from Mangalam S.S, loading, transporting, unloading, erection a commissioning at Nelmudikarai S.S

Short term Challengeable Project Work Completion Experience with Hindustan photo film at ooty

- Defect & rectification of 8 MVA Voltas make OLTC work Polyester X-Ray plant, Hindustan Photo film, ooty.

Short term Challengeable Project Work Completion Work Experience with Neyveli Lignite Corporation

- Bharat Bijlee make 25 MVA – 230/11KV power Tr. IR value improvement work at Neyveli Lignite Corporation.

Project Assignment productively completed in the Present & Past companies

Client	: M/s GPCE
Project	: 4 X DUETZE BV 16 M 640, 6MW Engine H.V, M.V Electrical Protection System, PLC & SCADA testing, commissioning & operation.
Client	: M/s Thermax
Project	: 2X575 TR VAM with siemens S7-200 micro PLC controlled. (Vapour Absorption machine) Single cycle systems commissioning & operation
Client	: M/s Thermax -Shellmax boilers
Project	: 3 pass wet back smoke tube boiler – SM30DL 3000kg/Hr. systems commissioning, Operation & Maintenance
Client	: M/s Wartsila India Pvt Ltd.
Project	: 2 numbers of EGB (Exhaust gas boiler of 18V46 Turbo charged Wartsila Engine) shifting, testing, commissioning & operation
Client	: M/s Wartsila India Pvt Ltd.
Project	: CEMS (Continuous emission monitoring system for 18V46 Turbo charged Wartsila Engine) testing, commissioning & operation
Client	: M/s ABB India Pvt Ltd
Project	: LEVEL-1 to 4 & LEAP Test of 15.14MW AMG 1600SS12 DSEB ALTERNATOR
Client	: M/s TNPCB (Tamilnadu Pollution Control Board)
Project	: SOX, NOX, CO, ETP IN/OUT FLOW, ETP pH, ETP TSS and Flue Gas SPM data testing, commissioning & operation established from site to TNPCB CARE AIR CENTER through static IP.
Client	: M/s. TECNOVERITAS ENERMULSION (The unit blends about 10% of water and 90% of HFO. When this blended fuel is used, fuel savings up to about 5% is possible)
Project	: LSHS oil conservation with Siemens S7-500 micro PLC controlled testing, commissioning & operation

Personal:-

Date of Birth/Marital Status : 12.07.1975/Married
Nationality/Religion : Indian / Hindu
Passport : M 0518508
Date of Expiry : 30.07.2024