



Muraleedharan CK

Sr. Project Engineer/Officer

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Location: In UAE until Feb 2024

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Summary

Well-Seasoned and result-oriented Senior Project Engineer with over 30 years of expertise in General Engineering and Defence Support and Marine Mechanical Maintenance with a proven track record of successfully handling operations and projects for leading organizations including EARTH, ADSB, Zamil, and the Indian Navy (Defence). Delivering comprehensive and actionable insights to various teams (Maintenance, Operations, Training, Material Management, Supply chain and Integrated Logistics Support-ILS) has been the principal objective.

Expertise/Skills

- Management Skills
- Negotiation
- Critical Thinking
- Communication Skills
- Defect Analysis
- Integrated Logistics Support (ILS)
- Project Support
- Leadership and Teamwork
- Maintenance Management
- Material and Spares Management
- Estimation
- Supply Chain
- Stores & Inventory
- Vendor Management
- Problem Solving
- MS Office, Visio
- Technical Data & Documentation
- Crew Training
- Techno Administration
- Contract Mgmt. Support

Experience

LEAD PROJECT ENGINEER, INTEGRATED LOGISTICS SUPPORT (ILS) Zamil Shipyard, KSA – (MAR 2023 – SEP 2023)

As an active Lead/Senior Professional in the New Ship Building Department, responsible for the following.

- Oversaw project scope development, coordination, and progress tracking to ensure smooth execution.
- Foster effective communication with stakeholders, including clients, sub-contractors, internal departments and vendors, to maintain a high level of collaboration and teamwork.
- Skilfully managed Integrated Logistics Support (ILS) proposals, ensuring alignment with main project schedules and surpassing client expectations.
- Facilitated seamless inter-departmental coordination, enhancing task efficiency and project delivery.

PROJECT OFFICER, ILS & MATERIALS – (MAR 2015 – SEP 2022) Emirates Advanced Research & Technology Holding LLC

As an active Lead/Senior Professional in the Project and Supply Chain Department, performed the following roles.

- Collaborated with the project team and other stakeholders and developed the foolproof technical scope for a variety of projects.
- Coordinated with various stakeholders, including supply chain, OEM, Integrators, maintenance teams, warehouse, and project, to identify and eliminate delays in acquiring project equipment, materials, and spares, resulting in a 10% faster acquisition.
- Reviewed and approved purchase requests for equipment, materials, and spares to ensure technical and commercial accuracy.
- Identify and resolve technical issues and problems that arise during the project execution.
- Developed and acquired the facility requirement as per the ILS plan for various projects such as IP air network and overhead crane at MATV Oshkosh integration bay at UAE GHQ facility.
- Provided technical and ILS support for the MATV Oshkosh Integration Program.
- Collaborated with Project Managers and the Project Management Office (PMO) to efficiently manage Change Requests (CRs) and warranties.
- Conducted Market research and identified cost-effective advanced technical solutions.
- Ensured effective supplier performance through evaluation and management.
- Provided technical support for Facility Management and Development to optimize facility operations

SR. PROJECT ENGINEER, ILS & TRAINING - (AUG 2008 - MAR 2015) Abu Dhabi Ship Building PJSC

As an active member of the Major Project Team-New Ship Building (NSB) and Technical Department, responsible for the following.

- Supported the proposal team by conducting market research to identify cost-effective and advanced technical solutions
- Monitored project progress to ensure alignment with design, plans, schedules, and budgets.
- Effectively managed the Maintenance and configuration activities.

Personal

- Married
- Indian
- Valid Licenses
 - Indian
 - UAE
 - KSA
- 15/05/1974 (DOB)
- Indian, Passport No. Z5852326 Valid up to: 22/12/2032

Trainings

- Marine Mechanical Maintenance
- NBCD & Fire Fighting
- Hyd.& Pneu. Machinery Maintenance
- Submarine Course
- Auto CAD & SAP MM Module
- CIWIM

Languages

- English,
- Hindi,
- Malayalam

Contact

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- Led the creation of detailed Technical Documentation for systems & and equipment, resulting in a 7 - 10% reduction in installation/upkeep and maintenance time.
- Successfully delivered all Integrated Logistics Support (ILS) deliverables on time through meticulous monitoring and coordination.
- Oversaw the commissioning, performance tests, and trials to ensure project success.
- Conducted root cause analysis of critical issues and found solutions.
- Expertly handled materials, maintenance, and warranty obligations throughout the project duration.
- Managed compliance with standards and specifications for quality control and assurance.
- Conducted Operation Familiarization and maintenance training for the ship/boat crew, resulting in a saving of 80% of the project training cost.
- Collaborated with the Project Managers and the Project Management Office (PMO) for efficient management of Change Requests (CRs), acceptance and final delivery

OPERATION & MAINTENANCE ENGINEER (JUL 1993 - JUL 2008)

Indian Navy – Defense (Submarine Arm)

As an active Engineering team member in the Technical Department, responsible for the following.

- Proficiently handled the operation, planning, and execution of equipment maintenance of machinery and equipment aboard warships, Submarines, small boats, and RHIBs.
- Conducted defect analysis, identified necessary spares, rectified defects and installed and commissioned various machinery and systems onboard.
- Diligently oversaw the dockyard activities onboard during the refit, and watchkeeping on running machinery.
- Supervised the Trials, commissioning and operation of a Military Research and Development (R&D) Project, in the Indian Navy.
- Proficiently operated ERP, Lotus Notes, Omni Docs, Auto CAD, and other office automation software.
- Managed engineering stores and maintained control over inventory.
- Ship's NBCD and Fire Fighting in-charge.

Education

Diploma in Mechanical Engineering

Seethi Sahib Memorial Polytechnic, Tirur - (1989-1992)

Graduation & Diploma in Marine Mechanical Engineering Trade

Indian Navy - (2008)

Honors and Awards

- Commendation and Cash Award by The Project Director, Ship Building Centre, Visakhapatnam, India
- Commendation by The Flag Officer Commanding-in-Chief Eastern Naval Command, India
- Cash Award by Scientific Advisor to Defense Minister, New Delhi, India
- Best Performer nomination for the year 2013 - Abu Dhabi Ship Building

Positions / Capacity Held

- Team leader in engineering maintenance activities (Defense)
- Refit and Maintenance Coordinator / Monitor (Defense)
- Test & Trial Engineering Counterpart for a Defense research program
- Material Engineer for maintenance/repair projects
- Project Engineer and trainer for various new built and retrofit programs of UAE Navy/Royal Bahrain Naval Force/CICPA/Bahrain Coast Guard and Presidential Guard Command.
- ILS Officer for UAE GHQ, Oshkosh MATV vehicle integration program