

## **PORT ENGINEER**

**Location: Cape May-Lewes Ferry, Cape May, NJ**

**\$119,665 to \$130,000 (commensurate with skills)  
(Grade G)**

**Opening Date: June 17, 2022**

**Closing Date: Until Filled**

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### **I. POSITION SUMMARY**

This position is a leader of the Marine Engineers and Mechanics for the Cape May-Lewes Ferry (CMLF). This position is responsible for determining the priorities for the department and determining a clear action plan to deliver on those priorities to ensure the CMLF fleet is operated, repaired, and maintained in accordance with regulatory requirements, best marine practice, and customer expectations. The Port Engineer is the primary point of contact for most regulatory agencies that deal with the operation. This position manages several key positions, including highly skilled assistant port engineers, engineers and technicians to ensure that quality and timely maintenance and repair activities are completed, and that performance is measured and feedback is provided. This position has considerable discretion to determine a significant budget in order to deliver on the key operation priorities and to maximize life cycle of the Authority's marine assets. This position is responsible for project planning and management for most of the CMLF CIP budget. This position reports to the Assistant Director of Ferry Operations.

### **II. ESSENTIAL DUTIES AND RESPONSIBILITIES**

- Ensures vessel fleet availability and reliability
- Participates in development, implementation and maintenance of policies, objectives, short and long-range planning; develops and implements projects and programs to assist in accomplishment of established goals
- Develops the CMLF maintenance plan, sets overall priorities and performance standards for preventive and predictive maintenance for assigned areas and personnel
- Oversees and executes annual and monthly preventative maintenance plans; directs seasonal support activities, including off-season servicing of equipment, systems, and infrastructure; uses computer maintenance program to monitor maintenance trends, progress of maintenance, and to manage work orders
- Develops and implements systems to maintain records on equipment, inventories, and preventative maintenance activities and analyzes these records to implement changes or recommend improvements
- Manages and oversees the supervision of personnel in assigned area, which includes work allocation, training, and problem resolution; evaluates performance and makes recommendations for personnel actions; motivates employees to achieve peak productivity and performance
- Effectively communicates with assigned personnel to set priorities and to understand and handle employee issues; meets regularly with and involves assigned personnel to determine best vessel upgrades, improvements, and best practices for vessel maintenance and repairs
- Ensures effective night watch operations, to include watering, pumping of sewage and bilges, and various maintenance activities to ensure uninterrupted resumption of service the next day

- Collaborates with the management of the CMLF warehouse, including managing inventory to meet anticipated maintenance and repair needs, while also managing costs
- Oversees training (mandated and career development) for all assigned employees and ensures compliance with established policies, procedures, and regulations
- Propose priorities and budgets; to include the CMLF CIP budget; seeks best value and analyzes expenses for potential operating, repairs & maintenance savings
- Balances quality and cost in all purchases required by the department; follows all Authority guidelines for purchase approvals, as well as scope development and solicitation of bids, and manages vendor relationships according to Authority guidelines
- Manages shipyard work during dry-docking and other repair evolutions to ensure contract specifications are being met and best quality and value are achieved; negotiates change orders, documents project schedule, and handles pay estimates
- Interfaces with regulatory and government agencies, vendors, contractors, and customers on matters related to maintenance and operations; Authority's lead specialists on regulatory issues regarding marine maintenance; acts as the Authority's liaison with the U.S. Coast Guard for engine room inspections
- Participates in environmental and safety planning and compliance within policies and regulations to include the execution of mandated inspection processes, acts as a Qualified Individual under the Facility Response Plan; primary manager of the Fuel Oil Transfer Procedures
- Provides the highest level of customer service and professionalism to all internal and external customers
- Other duties as assigned

### **III. REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES**

- Knowledge of management principles and maintenance practices, procedures, and operations; proven success in managing a diverse work force
- Expert knowledge of relevant local, state and federal regulations, and Authority protocols and procedures that impact marine operations, repairs, maintenance
- Knowledge of business and financial practices related to marine operations and maintenance
- Ability to set clear expectations and performance standards for employees; ability to hold individuals accountable for unsatisfactory performance.
- Supervise, develop, and motivate staff, by organizing, prioritizing, and scheduling work assignments in a complex operating environment.
- Identify, develop, and implement strategic and tactical plans and solutions.
- Establish and maintain effective working relationships with internal and external contacts.
- Ability to write, read, understand, follow and enforce safety procedures
- Effective oral and written communication skills
- Demonstrated familiarity with machine shop tools (e.g., metal lathes, drill presses, brakes) and their best use
- Ability to provide superior customer service by responding in a courteous, timely, and efficient manner

**IV. REQUIRED EDUCATION AND EXPERIENCE**

- Bachelor's degree from an accredited institution or appropriate work equivalent experience in roles with increasing levels of responsibility
- Five (5) years of experience in supervisory roles in transportation or maintenance, including direct supervision of maintenance work forces, seven (7) years preferred
- Five (5) years of experience in the repair and maintenance of medium-speed diesel engines, with experience specific to EMD and/or Fairbanks Morse (opposed piston), and marine propulsion air and electronic control systems preferred. Similar experience in the repair and maintenance of high-speed ancillary engines, with experience specific to Caterpillar and Detroit diesel engines preferred
- Five (5) years of experience in the repair and maintenance of commercial vessel propulsion components including line shaft bearings, air compressors, hydraulic systems and other ancillary systems

**V. LICENSES, REGISTRATIONS, AND/OR CERTIFICATES**

- USCG Chief Engineer's license for vessel of the size and type used in Cape May-Lewes Ferry Operation and valid MMD
- Valid (TWIC) Transportation Workers Identification Credential
- Valid driver's license
- Certifications from a marine diesel engine manufacturer school (Fairbanks-Morse, EMD, , Caterpillar, and Detroit Diesel 71 Series) preferred

**VI. ADDITIONAL REQUIREMENTS**

- Subject to a pre-employment physical including drug testing in accordance with applicable Federal Regulation for marine personnel and background investigation
- Delaware River and Bay Authority requires all employees to have direct deposit with a financial institution or enroll in the payroll card program to receive their bi-weekly pay
- Must be willing and available for duty at such hours, day or night, as may be required to order to maintain continuous marine operations

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**If you are interested in applying for this position please complete the on-line application at [www.drba.net](http://www.drba.net). In addition to the online application, please attach a current resume.**