Job Title: Project Manager, Mechanical

Announcement Number: #6801*

Position Control Register #2971019

Bargaining Unit: 9

Grade Level: 25

Date Posted: 03/25/15

Last Day for Applying: 04/07/15

Salary Range: $1,361.60-$1,833.94

Division/Section: Operations/Engineering Services/Deer Island

Work Schedule: Monday-Friday 7:00am-3:00pm

BASIC PURPOSE:

This position will assist the Program Manager, Mechanical in providing mechanical construction and field inspection services and technical assistance for various Deer Island mechanical construction and maintenance design projects.

SUPERVISION RECEIVED:

Works under the general supervision of the Program Manager – Mechanical, Engineering Services Department on Deer Island.

SUPERVISION EXERCISED:

None

ESSENTIAL DUTIES AND RESPONSIBILITIES:

• Assists in the design development involving mechanical additions and improvements, including layout changes for plant equipment.

• Develops conceptual sketches, field measurements and reviews manufacturer product data. Compiles designs and drawings, provides first draft layouts and detailed design options for review by the Program Manager, Mechanical. Incorporates review comments into a final version with minimal technical guidance, supervision and direction.
• Acts as the resident field inspector on mechanical construction and maintenance projects on Deer Island.

• Maintains organized and detailed files of design projects and construction projects including daily construction logs.

• Provides Engineering design calculations (i.e. pipe flow pressure drop).

• Maintains documentation of work performed by construction contractors, designers and in-house tradesmen, recommends approval variations made necessary by contingencies arising during construction and installation.

• Oversees modifications to operation and maintenance documentation with respect to mechanical design modifications and upgrades.

• Assists the plant operations staff with technical resolution and recommendations to mechanical problems, which arise during normal operation of the plant.

• Develops and maintains files and familiarity with all codes, code addenda, code cases, and industry standards applicable to the mechanical field, and ensure that facility specifications comply.

• Assists with the coordination of plant project activities with engineering consultants, contractors and manufacturers as required.

• Provides oral and written reports detailing results of problem investigations and economic justification for proposed changes.

• Participates in engineering reviews during construction.

• Performs related duties, as required.

DESIRED MINIMUM QUALIFICATIONS

Education and Experience

(A) Completion of a four- (4) year college program in engineering; and

(B) Seven (7) to nine (9) years of experience with the installation, field inspection, and maintenance of a wide variety of mechanical equipment.

(C) Experience within a complex processing facility, and wastewater treatment operation is desirable.

(D) Experience in determining if field installations are compliant with applicable National and Local codes.

(E) Experience in defining and clarifying code-related issues.
(F) Any equivalent combination of education and experience.

Necessary Knowledge, Skills and Abilities:

(A) Demonstrated knowledge of process plant equipment, system operation, building construction; wastewater plant experience preferred.

(B) Demonstrated abilities to work as part of a project team and to develop and maintain productive working relationships with external parties.

(C) Proficiency with personal computers and knowledge of word processing, spreadsheets, and engineering applications software required.

(D) Excellent interpersonal, verbal and written communications skills are required.

SPECIAL REQUIREMENTS:

A Valid Massachusetts Class D Motor Vehicle Operator’s License
EIT Preferred.

TOOLS AND EQUIPMENT USED:

Office equipment as normally associated with the use of telephone, personal computer including word processing and other software, copy, and fax machines.

PHYSICAL DEMANDS:

The physical demands here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to use hands to finger, handle, feel or operate objects, including office equipment or controls and reach with hands and arms. The employee frequently is required to sit and talk and hear. The employee is required to stand and walk; climb ladders, stoop, kneel, crouch or crawl; and smell.

The employee shall be capable of lifting 20 pounds. Specific vision abilities required by this job include close vision, distance vision, depth perception and the ability to adjust focus.
Applications are available online at [WWW.MWRA.com](http://WWW.MWRA.com) or from the Human Resources Department. Completed applications must be received by the Human Resources Department on or before the closing date indicated above.

Massachusetts Water Resources Authority  
Charlestown Navy Yard  
100 First Ave.  
Boston, MA 02129  
ATTN: Andrea Murphy, Employment Manager

Massachusetts Water Resources Authority (MWRA) is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, national or ethnic origin, age, religion, disability, sex or gender, sexual orientation, gender identity or expression, or veteran status.

*REPOST*