



NON-BARGAINING UNIT JOB POSTING

POST: External

DIVISION: Water Operations

DEPARTMENT: Water & Steam Distribution

MAXIMUM # OF OPENINGS: 1

JOB TITLE: Engineer

MARKET RATE: Engineering & Scientific, Grade 3 (\$60,100 - \$90,200)

GENERAL SUMMARY OF DUTIES:

Responsible for performing a variety of engineering duties involving the performance, design, construction, project management and maintenance of water, steam and chilled water distribution systems. Work will be performed under the direction of the Water & Steam Distribution Principal Engineer, and focused on meeting the Board of Water and Light's objectives and vision statement.

ESSENTIAL FUNCTIONS:

Develops technical design for new and modified water, steam and chilled water distribution systems. Develops, implements and monitors programmed water, steam and chilled water distribution system maintenance. Performs engineering, design and the construction of water, steam and chilled water distribution system projects. Creates and checks for accuracy in monthly steam and chilled water production and distribution reports. Responsible for the monthly steam billing for multiple General Motors (GM) locations and reviewing and correcting inaccuracies in the monthly billing for the entire steam and chilled water distribution system. Responsible for customer contact for system outages and usage issues. Responsible for GM water and steam meter accuracy, calibration and other GM steam and water contract requirements. Assists in the development of procedures and design standards. Allocates materials; prepares work orders, sketches, estimates and proposals; and releases packages to construction. Utilizes approved methods for tracking and managing work, such as BWL Request Management System. Manages own projects including, schedule projections, planning of projects, engineering, estimating, monitoring, reconciliation, deadlines/ timeframes and other duties related to project management. Prepares specifications, contracts, evaluation of bids and makes recommendations. Provides technical support to construction personnel and performs field checking of work in progress and completed work. Develops and enhances technical skills to keep abreast of current technologies and engineering practices. Utilizes standard office software (i.e., spreadsheet, word-processing, database) and SAP. Writes documents and reports and makes oral presentations. Required to follow BWL Safety Manual and wear personal protective equipment for all field work. Attends training and safety awareness and/or skills improvement as required by the BWL or government agency such as MIOSHA.

JOB SPECIFICATIONS:

- KNOWLEDGE
- SKILLS
- ABILITIES

Bachelor's Degree in Civil or Mechanical Engineering is required. Minimum of two (2) years experience in design, construction and project management of water, steam or chilled systems is required. Must have valid Michigan driver's license with an acceptable driving record. Previous experience in design, construction, project management and maintenance of commercial and industrial HVAC systems preferred. Previous experience in design, construction and project management of water, steam or chilled systems is preferred. Professional Engineering License is preferred. Thorough knowledge of principles, practices and methods used in the construction of water, steam or chilled water systems; thorough appreciation, understanding and experience of economics and project management. Must be credible to the BWL's customers, with demonstrated ability to act as a customer advocate, as well as confident in dealing with external agencies. Position requires skills and abilities in leadership, initiative, decision making, negotiations, analytical analysis, problem solving, conflict resolution, public speaking, acting with integrity, and clear and concise communication. Posses the ability to promote and maintain an atmosphere of teamwork.

PHYSICAL REQUIREMENTS:

Ability to retrieve data from computerized, typed and written sources. Ability to effectively communicate in writing and orally with internal teams or external agencies. Occasional walking, climbing and traversing over various terrains to inspect construction sites, existing facilities, etc. Moderate stooping, crouching and kneeling to stake or survey construction sites. The ability to lift up to 30 lbs. of field equipment and tools. Must be able to transport oneself to off-site locations for meetings on demand. Occasionally required to enter confined spaces.

WORKING CONDITIONS:

Normal office environment with periodic field exposure including dirt and dust.

TO APPLY:

Email resume, cover letter and application to bwljjobs@lbwl.com Attn: *Engineer* in subject line, or mail documents to: BWL, Human Resources, Attn: *Water Engineer*, 1201 P.O. Box 13007, Lansing, MI 48901. Applications may be downloaded from BWL website www.lbwl.com. **Applications must be received by February 25, 2017.**

THE BOARD OF WATER AND LIGHT IS AN EQUAL OPPORTUNITY EMPLOYER.