



DES MOINES WATER WORKS
invites applications for the position of:

Professional Engineer

SALARY: \$41.25 - \$54.87 Hourly
\$85,806.72 - \$114,122.94 Annually

OPENING DATE: 09/10/21

CLOSING DATE: 10/10/21 05:00 PM

JOB SUMMARY:

Under the direction of Engineering Supervisor or Engineering Services Manager, serves as project engineer, conducts studies, designs improvements to water distribution systems, treatment facilities and processes, grounds facilities, and provides technical assistance during construction.

EXAMPLES OF ESSENTIAL JOB FUNCTIONS:

- Completes design plans and technical specifications for a variety of water distribution, water treatment and facility projects.
- Creates bid documents and facilitates bidding process.
- Ensures contractor compliance with plans and specifications for improvements and additions.
- Performs a variety of engineering analyses related to new and existing facilities and infrastructure.
- Determines the most cost-effective and operationally effective alternatives on assigned projects.
- Serves as project engineer on projects involving outside contractors or DMWW's crews.
- Represents DMWW at project meetings with local utilities, local agencies, or state agencies.
- Reviews construction plans submitted by developers, outside agencies, or consultants for compliance to DMWW requirements.
- Develops conceptual plans and cost estimates for future capital improvement projects.
- Conducts studies on source water, water treatment and water distribution systems.
- Reviews shop drawings related to construction projects.
- Prepares operation and maintenance manuals.
- Provides assistance, as needed, on questions concerning water service and construction projects.
- Performs other duties of a similar nature.

QUALIFICATIONS:

MINIMUM QUALIFICATIONS:

Education

Bachelor of Science Degree in engineering.

Experience:

At least four years of experience in designing general civil and environmental projects, including experience in managing all phases of projects from conception to completion.

Licenses/Certifications:

Licensed Professional Engineer (PE).

Valid Iowa Driver's License with good driving record.

Ability to obtain a IDNR Grade II Water Distribution Operator and/or Grade II Water Treatment Operator License within 18 months of employment

PREFERRED QUALIFICATIONS:

Experience designing water system improvement projects

SUPPLEMENTAL INFORMATION:**PHYSICAL DEMANDS:**

Frequently lifts up to 10 pounds

Occasionally lifts up to 25 pounds

ENVIRONMENTAL CONDITIONS:

Frequently works in office or similar indoor environment, outdoor environment, street environment or construction site

Occasionally works in street environment, confined space, warehouse environment or shop environment

Des Moines Water Works is an Equal Opportunity Employer

The selection process consists of an evaluation of education and experience, an interview, completion of selected assessments and completion of a criminal background check, which includes a sex offender registry check. The selected Des Moines Water Works candidate must also be able to pass a preemployment drug screen and physical.

E -Verify Process:

Des Moines Water Works participates in E-Verify and will provide the Social Security Administration(SSA) and, if necessary, the Department of Homeland Security(DHS),with information from each applicant's Form I-9 to confirm work authorization. All candidates who are offered a position with Des Moines Water Works must complete Section 1 of Form I-9 along with the required proof of their right to work in the United States and proof of their identity prior to starting employment. Please be prepared to provide required documents as soon as possible after the job offer has been made. For additional information regarding acceptable documents for this purpose, please contact Human Resources at 515-283-8701.

APPLICATIONS MAY BE FILED ONLINE AT:

<http://www.dmww.com/careers>

2201 George Flagg Parkway
Des Moines, IA 50321
515-283-8717

employment@dmww.com

Position #2-1142-21
PROFESSIONAL ENGINEER
RB

Professional Engineer Supplemental Questionnaire

- * 1. Describe your experience in designing and constructing new and modified facilities and infrastructure.

- * 2. Please describe your work experience with management of multiple concurrent projects.

- * 3. Please describe the most technically challenging project you have worked on and how you managed it to completion

- * 4. Please give an example of how you have created a bid package for a large-scale project.

- * 5. Please provide any additional information which you feel makes you an ideal candidate for the position.

- * Required Question