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Senior Water Resources Engineer IV

Division/Department: Engineering/Water Resources

Reports to: Department Manager

Location: Berthoud, CO

Type of Position: Full-time

Status: Exempt

Salary Range: \$109,694 - \$153,946

GENERAL STATEMENT

This position is responsible for completing planning studies, operational studies, or project design of complex projects.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Manages contract documents and bid/proposals.
- Develops district policies on technical subjects.
- Plans and directs major projects or several small projects.
- Designs and coordinates complex planning, engineering, and operational projects.
- Serves as project manager on complex projects.
- Presents and/or discusses complex issues with Northern Water's Board of Directors.
- Assigns and directs work of staff on assigned projects.
- Prepares and coordinates project scope, progress, and budget on assigned projects.
- Performs investigations, calculations, and sketches necessary to complete planning studies or to complete design of more complex projects.
- Writes reports and prepares specifications and drawings for projects.
- Manages consultants on more complex projects.

OTHER DUTIES AND RESPONSIBILITIES

- Other engineering duties and support as assigned.
- Review technical and management work of Engineer I, II, and III.

EDUCATION AND EXPERIENCE REQUIREMENTS

Education

- Bachelor's degree in civil engineering or related field. Master's degree desired.

Experience

- Minimum of 12 years of progressive responsibility and experience related to water resources engineering, managing engineering design, and/or construction of large-scale water projects. Demonstrated experience in the planning and implementation of water resources projects including engineering design and construction inspection, contract administration, project management, and/or water resources modeling and analysis.
- Preference for formal training in or demonstrated experience with typical water resources matters such as river and reservoir modeling, Colorado water rights and water administration, and contemporary water development issues in the South Platte and Colorado River basins.

LICENSE, CERTIFICATE AND CREDENTIAL REQUIREMENTS

- Valid driver's license.
- Registered professional engineer (PE) in Colorado

KNOWLEDGE, SKILLS AND ABILITIES

Knowledge

- Advanced knowledge, experience, and proficiency with computer operating systems, database/spreadsheet applications, word processing programs, and Office.
- Familiar with ESRI ArcMap.
- Familiarity with water resources modeling software such as RiverWater, MODSIM, and StateMod.

Skills

- Work across functional areas within the organization.
- Demonstrated good interpersonal skills and ability to work on teams.
- Communicate effectively with constituents and regulatory agencies.
- Experience supervising others.
- Excellent written and verbal communication.
- Public speaking.
- Report writing.

Abilities

- Able to understand complex engineering documents including engineering drawings and reports.

PHYSICAL REQUIREMENTS

- Must be capable of working both in an office setting and in the field.
- Balancing, using legs to stabilize self on uneven surfaces, ditch sides, concrete abutments, etc.
- Requires sustained operation of keyboard devices.
- Requires prolonged sitting, standing, and walking in performance of daily duties. Ability to lift, drag, or push boxes, paper, and documents weighing up to 25 pounds.

Reasonable accommodations will be made to enable qualified individuals with disabilities to perform the essential functions of the job.

OTHER REQUIREMENTS

- Maintains a personal appearance appropriate for job position and image of Northern Water.
- Must be able to meet the physical requirements of a post job offer physical examination.

This job description in no way states or implies that these are the only duties to be performed by this employee.

Northern Water provides equal employment opportunities (EEO) to all employees and applicants for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, genetics, veteran status or other legally protected characteristics.

Northern Water complies with applicable state and local laws governing nondiscrimination in employment in every location in which the company has facilities. Northern Water also prohibits any form of workplace harassment in accordance with these laws. This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation and training.