Upper Yampa Water Conservancy District

POSITION TITLE: Water Resources Engineer II:
DATE: March 25, 2009

SUMMARY OF POSITION:
Ideal candidate will have a broad range education, experience and interest in hydrology, water resources engineering and project management. Performs and directs technical and administrative work involving complex professional water resources studies and projects. This may include hydrologic evaluations of physical and legal water availability, droughts, floods and regional water demands. Technical work will involve the use of computer modeling, engineering associated with dam design and maintenance, design of agricultural irrigation systems, river restoration, and management of construction projects related to the above.

ESSENTIAL FUNCTIONS:
• Develop and implement hydrologic and water quality data collection and reporting systems to meet regulatory requirements of the Federal Energy Regulatory Commission (FERC) and other agencies.
• Work with appropriate agencies to develop and implement dam safety procedures including Emergency Action Plans.
• Develop and maintain GIS systems for The District.
• Coordinate and oversee projects involving consulting hydrologists and engineers; review and analyze reports and pay estimates submitted by consultants.
• Manage contracts for small to medium capital projects.
  - Work with consultants to prepare specifications for construction contracts.
  - Prepare permits for District operated facilities and oversee the preparation of permits required by the Corps of Engineers.
• Aid management in the development of preparation of District master plans
• Aid management in the preparation of hydrologic data for water court proceedings
• Aid management in the administration of augmentation plans developed by the District
• Other Duties as assigned
EDUCATION, TRAINING AND EXPERIENCE LEVEL:
Bachelor's or higher degree in Civil Engineering, Hydrology, or closely related field plus five years' experience in water resources engineering with related construction or project management experience.

LICENSES AND CERTIFICATIONS:
• Engineer in Training at a minimum with Professional Engineer License preferred or must be qualified to test and obtain Professional Engineer License within five years of employment.
• Valid Colorado Drivers License.

TECHNICAL SKILLS:
Knowledge of the standard practices of engineering and construction management as related to water resources. The ability to use engineering computer software including word processing and spreadsheet software and the fundamentals of geographic information systems software is necessary. Ability to communicate effectively verbally and in writing, establish and maintain a working relationship with other employees, agencies, and the general public. Ability to develop project cost estimates bid and manage small projects.

WORKING ENVIRONMENT AND PHYSICAL EFFORT:
Work will be performed primarily in office and often in the field. Some time working around heavy equipment on construction projects. Must work in all weather conditions, occasionally requiring exposure to dirt, noise, heat, and cold. Sometimes must perform strenuous labor, such as cutting brush, sampling soils, placing survey stakes, climbing slopes, and crossing streams, for extended periods of time.

ORGANIZATIONAL RELATIONSHIPS:
This position reports to the District Manager and works cooperatively with administrative staff and will work with other agencies, regulators, and consultants on a regular basis. This position, along with the District Manager and operators of the Stagecoach Dam and Power Plant are the only year round positions at the District. Thus the work will be highly diverse within the field of water resource engineering and an enthusiasm for diverse assignments must be appreciated. All employees of the UYWCD are “at will” employees.

SALARY RANGE
Salary range for this position is $60,000 to $85,000 /yr DOQ. The top of the hiring range will be the midpoint of the salary range. The District provides a medical plan and retirement benefits to full time employees.

For Additional information contact:
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