The mission of the Arizona Department of Water Resources (ADWR) is to protect, conserve, and enhance Arizona's water supplies by confronting water management challenges in a bold, thoughtful, and innovative manner. Do you want to join our team? ADWR is seeking two Dam Safety Engineers to join the Engineering Division.

**Dam Safety Engineer**

**DEPT OF WATER RESOURCES**

**Posting Details:**

- **Salary:** $50,891 - $91,490
- **Grade:** T2
- **Opening Date:** November 18, 2020
- **Closing Date:** Open Until Filled

**Job Summary:**

The Department has jurisdiction over 250+ dams in the State of Arizona. The Department is seeking an engineer to provide geotechnical engineering support associated with dam safety projects. The selected candidate will act as a member of a group of registered professional engineers and non-registered professionals that provides regulatory oversight for jurisdictional dams in the State.

**Job Duties:**

The candidate will undertake independent analyses of the various aspects of dam safety requiring special knowledge and engineering practices and procedures related to dams.

This position will represent the agency in meetings with other agencies, dam designers (consultants), dam owners and contractors. This position will also serve as an expert witness or to provide technical assistance at formal hearings as required.
Knowledge, Skills & Abilities (KSAs):

- M.S. or Ph.D. in Geotechnical Engineering
- 3 or more years of professional geotechnical engineering work experience, including design and construction of earthworks
- Strong technical writing and verbal communications skill
- Knowledge and experience with geotechnical engineering analyses and soil mechanics for dam safety projects including slope stability analyses, seepage analyses, deformation analyses, sliding assessments, and dam inspections.
- Proficiency with software suites such as GeoStudio, SoilVision, and UTEXAS
- Knowledge and experience with civil engineering as applied to the design, construction and operation of dams
- Ability to work independently but also enjoy working collaboratively as part of a multi-disciplinary team, and stay organized.
- Ability to analyze and interpret a wide variety of geotechnical and civil engineering data related to dams
- Ability to establish and maintain effective working relationships with agency staff, governmental officials, consultants and the general public.

Selective Preference(s):

Registration as a Professional Engineer in Civil Engineering or closely related field of engineering in the State of Arizona; OR eligibility for reciprocity in the State of Arizona within six (6) months of start of employment with the Department is required.

Pre-Employment Requirements:

This position requires possession of and ability to retain a current, valid state-issued driver’s license appropriate to the assignment. Employees who drive on state business are subject to driver’s license record checks, must maintain acceptable driving records and must complete any required driver training (see Arizona Administrative Code R2-10-207.12.)

Benefits:

The State of Arizona provides an excellent comprehensive benefits package including:

- Affordable medical, dental, life, and short-term disability insurance plans
- Top-ranked retirement and long-term disability plans
10 paid holidays per year
Deferred compensation plan
Credit union membership
Wellness plans
LinkedIn Learning membership
Tuition Reimbursement
Employee Discounts

For a complete list of benefits provided by The State of Arizona, please visit our benefits page

Retirement:

Positions in this classification participate in the Arizona State Retirement System (ASRS). Please note, enrollment eligibility will become effective after 27 weeks of employment.

Contact Us:

If you have any questions, please feel free to contact ADWR Human Resources Office at (602) 771-8500 for assistance. Persons with disability may request a reasonable accommodation such as a sign language or an alternative format by contacting ADWR Human Resources.