

## **WATER RESOURCES ENGINEER**

GEI Consultants, Inc. is a consulting engineering and environmental firm that delivers value by providing professional services to improve our world's built environment. With more than 800 staff and 42 offices nationwide, we are a leader in providing multi-disciplined engineering and technical services to a range of private and public sector clients domestically and abroad. GEI is consistently ranked among the top firms in Engineering News Record's (ENR) annual list of Top Design Firms and Top Environmental Firms. As an employee-owned firm, we foster personal relationships with our clients and cultivate our staff in a partnership model which is underpinned by continuous learning and sharing of knowledge.

**Location:** Rancho Cordova, CA (about 15 miles east of downtown Sacramento)

**Position Description:** GEI is seeking a motivated individual to join the firm as part of our hydraulics and hydrology team. We are interested in candidates with a minimum of 4 years of professional experience in civil engineering with clear understanding of the hydraulics and hydrology principles. The core responsibilities and duties for this position include the following:

- Conduct analyses and develop numerical models for hydrologic, hydraulic, and reservoir operations studies to solve complex water resources problems over a wide range of applications.
- Perform hydraulic design of reservoirs, channels, culverts, pumps and other hydraulic structures.
- Conduct simple geodetic surveys and perform construction inspections of hydraulic structures.
- Coordinate and communicate with internal and external clients.
- Prepare detailed technical reports and memoranda and present technical information to peers and clients.
- Support proposal preparation and participate in business development efforts.
- Other duties as required.

### **Education & Experience Requirements:**

- B.S. in Civil Engineering (M.S. preferred).
- Licensed as a Professional Engineer in California.
- Minimum of 4 years of experience in Civil Engineering and Water Resources related fields.

### **Minimum Qualifications:**

- Excellent written and verbal communication skills.
- Ability to work independently and work as part of a team.
- Experience with HEC models such as HEC-RAS, HEC-HMS, or HEC-ResSim. Knowledge of other models is a plus.
- Knowledge of California water institutions and systems is desirable, including the California Department of Water Resources, U.S. Bureau of Reclamation, and U.S. Army Corps of Engineers.
- Familiarity with GIS and CADD applications is preferred.
- Possession of a valid California driver's license required.

### **How to Apply:**

To apply for this position, please visit the GEI Career page at [www.geiconsultants.com](http://www.geiconsultants.com) or use the following link: <https://geiconsultantsinc.ourcareerpages.com/JobView.aspx?id=453575>

Please direct any questions about this job listing to Katherine Maher at [kmaher@geiconsultants.com](mailto:kmaher@geiconsultants.com).