



GEORGE CAIRO ENGINEERING, INC.

Consulting Civil & Agricultural Engineers

Water Resource Specialists

Land Surveyors

PROJECT MANAGER - MESA ARIZONA

CIVIL/IRRIGATION ENGINEERING

GCE is a growing Professional Services Firm specializing in Water Resources Engineering, Civil Engineering and Agricultural Engineering serving the agricultural and water resource interest in the Southwestern United States. GCE offers a comprehensive suite of services to the public and private sector in the following areas: Water Resources, Civil and Agricultural Engineering, Land Surveying, and Construction Administration Services.

GCE is considered the firm of choice for agricultural to urban conversion projects, complex hydraulic structures, and irrigation canal design. We have a reputation for quality engineering and the production of superior engineering products. GCE has offices in California and Arizona.

POSITION DESCRIPTION:

The purpose of the Project Manager Engineering position is to assist GEORGE CAIRO ENGINEERING, INC (GCE) in leading the planning, evaluation, hydraulic analysis and design of major canals, hydraulic structures, pipelines and on-farm distribution systems. The position also provides the opportunity to manage for a single or multiple irrigation districts in Central Arizona their urbanization mitigation programs. This includes managing agricultural to urban conversion including coordination of land abandonment, irrigation easement planning and relocation, land development coordination, operational and maintenance studies, permitting, performing or managing the relocation of canals to pipelines or improvement designs for canal systems and other related activities.

The agricultural/irrigation Project Manager is a multi-disciplined position where flexibility and varied technical interest are preferred. Duties may include project or design management of a variety of other projects including water resources projects, wetlands planning and design, water balances, river studies, hydraulic modeling and related studies.

ESSENTIAL FUNCTIONS:

- Perform or manage conceptual study reports, proposals, design drawings for preliminary, final, and construction levels, specifications, and other contract documents with an emphasis on detail, quality, completeness, and constructability to industry standards.
- Perform or review for completeness conceptual studies, pre-designs, construction drawings, specifications and other contract documents leading to construction contracts for various projects as assigned.
- Manage and multitask several projects with extensive client contact and the ability to work directly with public agencies like the US Bureau of Reclamation, Irrigation Districts and Native American Communities.
- Develop criteria for planning and designing water management facilities used for irrigation distribution systems from the farm level to the irrigation district level.
- Manages engineering appraisal and feasibility studies; prepare plans, specifications, and cost estimates for irrigation conveyance and distribution systems.

- Manages the formulating of flood protection measures, including the determination of present and planned capacities of water courses, and routing of flood flows through irrigated areas and along stream channels for the purposes of flood protection.
- Performs or manages major hydraulic modeling projects for canal systems and hydraulic structures.

Perform other technical duties as assigned.

REQUIRED KNOWLEDGE AND SKILL ABILITY:

Extensive knowledge of engineering principles and practices related to agricultural water, irrigation conveyance, canal modernization, and distribution systems.

- Professional knowledge of Arizona and California agriculture and irrigation engineering concepts, principles and practices applicable to duties concerned with construction, operation, and maintenance of irrigation facilities and the control, distribution, and management of water.
- Knowledge of and skilled in interpersonal relationships and skilled in oral communications to present information related to work.
- Strong technical writing skill with the ability to develop and produce high level written reports and engineering documents
- Ability to perform or manage the design work associated with construction, operation and maintenance of irrigation facilities
- Ability to establish and maintain effective working relationships with other employees, Irrigation Districts, Community Officials and the general public.
- Ability to perform all physical requirements of the position; agree to maintain a Drug-free workplace.

ACCEPTABLE EXPERIENCE AND TRAINING:

Bachelor of Science degree in Agricultural Engineering, Civil Engineering or closely related field with five (5) to ten (10) years of practical engineering experience.

ADDITIONAL REQUIREMENTS:

Current Professional Engineer license or the ability to obtain a Professional Engineer license within twelve (12) months with the Arizona or California State Board of Technical Registration.

Valid State Driver's License

SUPERVISORY STATUS:

Supervises junior engineering staff and engineering technicians

SALARY:

The position is a salaried position which pays salary plus overtime. Salary ranges are excellent and competitive with local market conditions and position levels.

BENEFITS:

GCE provides a very competitive overall benefits package which includes full medical, dental and vision insurance for the employee. In addition to paid Holidays and Paid Time Off the firm provides a Retirement Plan, Annual Bonuses, flexible work schedules, support in professional memberships and a continuing education program.

RESUMES CAN BE MAILED TO:

GEORGE CAIRO ENGINEERING, INC
Attn: George J. Cairo, P.E.
1630 S. Stapley Drive, Suite 117
Mesa, Arizona 85204

Email delivery send to gcairo@gcairoinc.com