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# POSITION ANNOUNCEMENT

## POSITION AVAILABLE

- **Associate or Senior Engineer** in Davids Engineering's (DE) Infrastructure Solution Area and based in DE's Davis or Chico Office. DE will consider other work arrangements (e.g., remote-work) on a case-by-case basis.

## POSITION DESCRIPTION

- We are seeking exceptionally qualified and motivated candidates with experience in **civil, hydraulic, and structural design, agricultural engineering, and construction management** to join our expanding team.
- Responsibilities include:
  - Strategic project planning, workflow development, technical analysis, and project management and delivery.
  - Effectively plan, manage, and execute work involving civil and agricultural engineering principles and other related activities for new and existing agricultural or environmental water conveyance, control, storage, and management projects.
  - Synthesize complex engineering topics, results, and project information into reports, studies, specifications, detailed design drawings, models, and other technical deliverables.
  - Prepare and make presentations to clients and stakeholders.
  - Evaluate project and client requirements to select and apply appropriate workflows, engineering techniques, procedures, and criteria to manage and execute projects such that objectives are met.
  - Lead technical and non-technical teams in planning and/or designing engineering projects and coordinate special planning, economic, and engineering studies.
  - Direct the work of and communicate effectively with project teams including other engineering disciplines, specialty consultants, clients, staff, and stakeholders.
  - Perform construction management duties and coordinate with subordinate field staff to oversee quality assurance programs, verify compliance with designs, and manage project changes.
  - Delegate and oversee the work of subordinate staff.
  - Assist with business development pursuits, as requested.
  - Position may require travel, off-site field visits, and overnight stays.
  - Most working hours will be at a desk in front of a computer.

### All DE team members are expected to have:

- ✓ Collaborative mentality
- ✓ Superior analytic and critical thinking skills
- ✓ Strong written and verbal communication skills
- ✓ Ability to self-motivate
- ✓ Strong work ethic
- ✓ Attention to detail
- ✓ Good moral, ethical, and engineering judgement

## DESIRED QUALIFICATIONS

- **General**
  - 5+ years of progressively increasing experience in water-related design, engineering, and construction.



Water



Infrastructure



Technology

- Demonstrated project management experience.
- Undergraduate or graduate degree in engineering (Civil, Agricultural, Mechanical, or similar).
- Professional engineer (PE) license in the State of California, or commitment to obtain CA licensure within 18 months of hire.
- Proficiency with AutoCAD or CIVIL3D, Excel, GIS, and Microsoft Office Suite.
- Experience with (or connection to) irrigated agriculture.
- Strong interpersonal skills for collaboration with a diverse project team and colleagues in both in-person and virtual settings.
- Ability to identify and proactively communicate and resolve potential issues with the project team.
- **Civil, Hydraulic, Agricultural, and Structural Design and Engineering**
  - Proficiency with hydraulic analysis and design principles for gravity flow and pressurized pipelines, canals, concrete sections, and natural channels.
  - Pump station design experience, including operation and maintenance considerations.
  - Knowledge of design requirements for flood, drip, and sprinkler irrigation methods.
  - Competent and skilled in developing cost estimates for consulting services and construction projects.
  - Familiarity with common irrigation district infrastructure, governance, and operating requirements.
  - Understanding of flow measurement principles, methods, and equipment.
  - Applied experience and proficiency with standard civil engineering design processes.
  - Familiarity with structural design requirements.
  - Familiarity with CEQA/NEPA and permitting processes.
- **Construction Management**
  - Experience developing design documents for public bidding.
  - Prior experience serving in a field engineer, inspector, or resident engineer role during construction.
  - Understanding of processes associated with RFIs, submittals, change orders, progress payments, inspection and daily reporting, and project close-out

## HOW TO APPLY

Please submit your **resume** and **cover letter** to [info@davidsengineering.com](mailto:info@davidsengineering.com). All inquiries will be handled with strict confidentiality. Visit [www.davidsengineering.com](http://www.davidsengineering.com) for more information.



**Water**



**Infrastructure**



**Technology**