

## Civil/Geotechnical Engineer

<b>Department:</b>	Engineering	<b>Job Status:</b>	Full Time
<b>FLSA Status:</b>	Exempt	<b>Reports To:</b>	Engineering/Environmental Services Manager
<b>Grade/Level:</b>	21	<b>Amount of Travel Required:</b>	30 - 50%
<b>Positions Supervised:</b>	None		

### POSITION SUMMARY

Responsible for civil engineering, geological engineering, geotechnical engineering, and water resources engineering projects. Assigned tasks may include field data collection, construction observations, analysis and calculations, and final design of civil and geotechnical engineering projects associated with tunnels and associated retaining structures, earthwork and slope stabilization, water retention and conveyance structures rehabilitation and construction, construction management, etc. Supervise/oversee field geotechnical investigations, drilling, logging, and soil descriptions. The engineer may perform stress modeling, and will prepare engineering proposals, cost estimates, and reports. Expected to communicate effectively with Condor staff, Owners, and Contractors, and to contribute to proposal preparation and business development. Will prepare geotechnical engineering reports, and engineering design of structures for tunnels, portals and walls. All work will be peer reviewed by a Condor Shareholder or Senior Professional before release.

At various times will serve as Project Manager, Geotechnical Engineer or Engineer Staff Manager with responsibility for applying intensive and diversified knowledge of engineering principles and practices in broad areas. Uses advanced techniques, theory, precepts and practices.

**As a Project Manager**— plans, coordinates and directs a large and important engineering project or a number of smaller projects with many complex features.

**As a Geotechnical Engineer**— serves as technical specialist, staff advisor and consultant to a technical specialty, a type of facility or equipment, or a program function. Carries out complex or novel assignments requiring the development of new or improved techniques or procedures to create new or refined equipment, materials, processes or methods.

**As a Engineer Staff Manager**—Supervision/Coordination/Direction of engineering and support personnel is usual at this level. Will assist in evaluating staffing needs and participate in staff recruitment. Track group performance, coordinate work assignments, arbitrate disputes, monitor individual performance through written evaluations, etc.

### POSITION QUALIFICATIONS

#### Competency Statement(s)

- Accountability - Ability to accept responsibility and account for his/her actions.
- Accurate - Ability to perform work accurately and thoroughly.
- Analytical Skills - Ability to use thinking and reasoning to solve a problem.
- Assertiveness - Ability to act in a self-confident manner to facilitate completion of a work assignment or to defend a position or idea.
- Autonomy - Ability to work independently with minimal supervision.
- Communication, Oral - Ability to communicate effectively with others using the spoken word.
- Communication, Written - Ability to communicate in writing clearly and concisely.
- Ethical - Ability to demonstrate conduct conforming to a set of values and accepted standards.
- Judgment - The ability to formulate a sound decision using the available information.
- Presentation Skills - Ability to effectively present information publicly.
- Project Management - Ability to organize and direct a project to completion.
- Reliability - The trait of being dependable and trustworthy.
- Responsible - Ability to be held accountable or answerable for one's conduct.

- Technical Aptitude - Ability to comprehend complex technical topics and specialized information.
- Time Management - Ability to utilize the available time to organize and complete work within given deadlines.

**Education**

Masters Degree in Civil or Geotechnical Engineering required. A Bachelor's degree with equivalent experience and registration will be considered.

**Experience**

Two or more year's related experience required. Previous geotechnical work experience should include construction in soft ground as well as hard rock. Structural design experience would be a plus.

**SKILLS & ABILITIES**

**Computer Skills**

Advanced knowledge of MS Office Suite applications, AutoCAD (LDD Preferred), geotechnical and geological analysis software, and succinct technical writing style.

**Certificates & Licenses**

California Professional engineer registration required or ability to obtain within one year of employment.

**PHYSICAL DEMANDS**

**Physical Abilities**

**Lift /Carry**

Stand	F (Frequently)	21-50 lbs	O (Occasionally)
Walk	F (Frequently)		
Sit	F (Frequently)		
Squat or Kneel	O (Occasionally)		
Bend	O (Occasionally)		

- N (Not Applicable)** Activity is not applicable to this occupation.
- O (Occasionally)** Occupation requires this activity up to 33% of the time (0 - 2.5+ hrs/day)
- F (Frequently)** Occupation requires this activity from 33% - 66% of the time (2.5 - 5.5+ hrs/day)
- C (Constantly)** Occupation requires this activity more than 66% of the time (5.5+ hrs/day)

**Other Physical Requirements**

Ability to wear Personal Protective Equipment (PPE) (Protective clothing, possibly a respirator).

Prepared by: Human Resources Date: 04/24/2008

Employee Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Manager Signature: \_\_\_\_\_ Date: \_\_\_\_\_

The company has reviewed this job description to ensure that essential functions and basic duties have been included. It is not intended to be construed as an exhaustive list of all functions, responsibilities, skills and abilities. Additional functions and requirements may be assigned by supervisors as deemed appropriate.