

POSITION TITLE:

Senior Geotechnical
Engineer

GENERAL FUNCTION:

Senior Geotechnical Engineer plans, directs, manages, and organizes work of geotechnical team.

DEPARTMENT:

GEO

ESSENTIAL DUTIES & RESPONSIBILITIES:

- Develop proposals and determine cost and schedule for different investigations.
- Provide direction to technical team in field inspection activities.
- Manage geotechnical and geological analyses, manage staff and supporting sub-consultants, conduct research, perform preliminary geological reconnaissance, geotechnical and geological studies, review testing results, and develop design recommendations.
- Must be able to direct geotechnical field observation and testing programs.
- Interface with clients, design teams, and public.
- Make decisions on significant design and engineering procedures and function as technical specialist or project manager.
- Interact with support staff including CAD technicians, document production staff, and graphics technicians.
- Develop, manage field work for geotechnical and geological studies in accordance with various public agencies, and private clients' criteria and requirements.
- Prepare documents detailing analysis and recommendations.
- Critically review testing results, design recommendations, and documents detailing the studies/projects conducted.
- Manage budgets, write, and edit reports and proposals.

INCUMBENT:

REPORTS TO:

Director,
Geotechnical
Operations

DATE:

April 2022

QUALIFICATIONS:



- Bachelor's in civil engineering; specialization in geotechnical engineering or related field.
- Professional Engineer (PE) License required.
- 5 – 10 years of geotechnical experience.
- A valid driver's license.
- Proficiency in Geotechnical engineering software.
- Demonstrated leadership skills.
- Great interpersonal skills.
- Exceptional oral and written communication skills.
- Strong organizational skills. Ability to work in a team or individually as required.
- Ability to manage and handle multiple tasks.
- Outstanding problem-solving skills. Exceptional attention to detail.
- Good time management abilities. Strong decision-making skills.

PHYSICAL DEMANDS:

The physical demands described are representative of those that must be met by an employee to successfully perform the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform essential functions.

Employee is regularly required to use hands to fingers, handle, or feel; reach with hands and arms; climb or balance; and talk or hear. The employee frequently is required to stand, sit, walk, stoop, kneel or crouch. Employee must be willing to work in varying weather conditions and temperatures. The employee must regularly lift and/or move up to 10 pounds, and occasionally move up to 50 pounds. Specific vision requirements include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to focus.

WORK ENVIRONMENT:

Characteristics of the work environment are representative of those that may be encountered by an employee while performing the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform essential functions.

We understand and mutually accept that the above description and supplement represent our agreements as to the job to be performed.

Employee Date

Supervisor Date

