

Job Title

Project Geotechnical Engineer (Licensed Oregon P.E.)

Company

Carlson Testing, Inc.

Location

Bend, Oregon

About Us

Carlson Testing is a leading engineering firm in Bend, Oregon specializing in geotechnical engineering and construction inspections and testing services. Over the past 40 years, Carlson Testing has built up a substantial client base and routinely contributes on the largest projects in Central and Eastern Oregon. Carlson Testing offers a full range of geotechnical engineering services, and runs a full-service construction materials testing (soils, concrete, asphalt, etc.) laboratory at our Bend location. As the Central Oregon market continues to expand, we are seeking a qualified individual to join our experienced, growth-oriented team in our Bend office. The ideal candidate is self-motivated, has experience managing junior staff, and has aspirations to help take a small engineering firm to the next level.

Job Description

We are seeking candidates with 2+ years of related geotechnical engineering experience. The successful candidate will be working on wide variety of projects and clientele in central and eastern Oregon and beyond. The candidate will be responsible for assisting with preparation of proposals and geotechnical reports, development of appropriate foundation and site-related geotechnical recommendations, engineering calculations, project management, project billing management, reviewing the work of staff members, and interacting with the firm's management team. This position requires a minimum of a Bachelor's degree in Civil Engineering with an emphasis in Geotechnical Engineering and an Oregon PE registration. Masters in Geotechnical Engineering and an Oregon GE registration is preferred for candidates, but not required for the position.

Job Duties

- Conduct geotechnical investigations, including soil and rock sampling, laboratory testing, and site characterization.
- Perform geotechnical analyses and calculations, such as slope stability analysis, settlement analysis, and foundation design.
- Prepare geotechnical engineering reports, including findings, recommendations, and design parameters.

- Collaborate with project managers, architects, and other engineers to develop cost-effective and sustainable engineering solutions.
- Review project plans, specifications, and construction documents to ensure compliance with geotechnical requirements.
- Provide technical support and guidance during construction, including field inspections and construction materials testing.
- Conduct geotechnical risk assessments and recommend mitigation measures to minimize project risks.
- Stay current with industry trends, advancements, and regulatory changes related to geotechnical engineering.
- Mentor and supervise junior engineers and technicians on geotechnical projects.
- Communicate effectively with clients, regulatory agencies, and other stakeholders to address project needs and requirements.

Qualifications:

- Bachelor's degree in Civil Engineering or related field; Master's degree preferred.
- Professional Engineer (P.E.) license in Civil Engineering in the State of Oregon.
- Minimum of 2 years of experience in geotechnical engineering, preferably in consulting or construction industry.
- Proficiency in geotechnical analysis software such as GinT, drafting software, SlopeW, Liq. SVS (or similar program suites)
- Strong understanding of soil mechanics, foundation engineering, and geotechnical design principles.
- Excellent analytical and problem-solving skills with attention to detail.
- Effective communication skills, both verbal and written.
- Ability to work independently and collaboratively in a dynamic team environment.
- Experience managing multiple projects simultaneously and meeting deadlines.
- Familiarity with relevant industry standards, codes, and regulations.

Benefits:

- Competitive salary commensurate with experience.
- Comprehensive benefits package, including medical, dental, and vision coverage.
- 401K retirement savings plan with employer profit sharing.
- Professional development opportunities, including training and the opportunity to obtain materials testing certifications.
- Positive and collaborative work environment with opportunities for growth and advancement.

Join our team and take the first step towards a rewarding career in geotechnical engineering in beautiful Bend, Oregon! Apply today by submitting your resume and cover letter to skane@carlsontesting.com.