



Geotechnical Engineer

*****WE ARE LOCATED IN YOUNGSTOWN, OH*****

Become a part of the leader in solar energy innovation!!

Solar FlexRack, a subsidiary of Northern States Metals, is seeking a Geotechnical Engineer to join our team. This key role contributes significantly to the overall success of our organization by assessing and analyzing the ground on which solar energy gathering systems will be erected. As an integral part of the engineering and construction process, this position is involved in all phases of the project from initial research to site investigation through construction and warranty investigations. The geotechnical engineer will build and maintain relationships with clients and other professionals involved in the site, throughout each project, maintain safety standards on site, be mindful of cost implications when you make recommendations and complete several task throughout the entire project life-cycle.

The key responsibilities of this position are:

- Examine sites of proposed installation locations to check soil stability and rock formations.
- Confirm the safety and durability of surfaces for building projects, design structural foundations, and conduct environmental testing.
- Study safety quality standards for different projects and make sure that each project adheres to these standards by inspecting foundations, observing installation activities, and reviewing work plans are some of the ways geotechnical engineers ensure adherence to these standards.
- Prepare reports on observational and laboratory findings to be presented to project leaders to discuss possible project risks, explain seismic activities, freeze/thaw heave potential, make recommendations for foundations and excavation activities, and summarize the progress of individual projects.
- Determine whether issues like erosion, freeze and thaw, settlement and slope will pose a safety risk to the proposed project.
- Meet with clients for evaluations of project progress.

The qualifications of the successful incumbent are:

- Education - Bachelor's degree in an engineering discipline required, Civil Engineering preferred
- License - Professional Engineer multistate preferred
- 4+ years of engineering experience, ideally in a similar role with construction or oil and gas pipeline organization.
- Analytical and mathematical mind, capable of evaluating and solving various complex problems.
- Organizational skills and project management skills to keep projects, processes, and the entire engineering team on track.
- Self-motivated attitude with the ability to multitask and thrive in a timeline-driven environment.
- Interpersonal communication skills with expertise in distilling complicated topics to a broader audience.
- Ability to work independently and as part of a team.