

Field Survey Assistant

Job highlights

Qualifications:

- Educational and experience requirements include a High School diploma or GED.
- Proficient in algebra, geometry, and trigonometry.
- Proficient communication skills including verbal and written, interpersonal and organizational.
- Ability to interact professionally with all levels of staff with strong customer service orientation.
- Ability to commit to the company values.
- Ability to collect data, establish facts and draw valid conclusions.
- Ability to travel as required, which may include out-of-town travel.
- Must be able to carry up to 50 lb. of equipment over all types of terrain.
- All-weather year-round outdoor work environment, with seasonal extreme heat index and wind-chill factors
- Other physical attributes of the job, such as hiking, climbing, vegetation management (chopping, cutting, hammering, sawing, etc.)
- Must have a valid driver's license.
- 0- 3 years' experience
- Experience with AutoCAD, Civil 3D, ArcGIS and other civil engineering tools is a plus.
- SIT is a plus
- OPT/Work permit in USA is required at minimum.

Responsibilities:

- Collects data for boundaries, location, topographical, and design surveys
- Operates robotic total station, level, GPS Receivers and data collectors in performance of field surveys
- Sets points on construction stakeout projects (curb and gutter, drop inlets, storm sewer, sanitary sewer, waterline, bridges, etc.)
- Assists in determining elevations and laying out stakes; marks points of measurement with required data; assists in measuring between points; places stakes at designated points and specified elevations.
- Able to follow detailed instructions and pay close attention to detail.
- Able to read construction drawings and specifications.
- Prepare a hand drawn house sketch with detailed feature measurements using tape measure and laser distance meter.
- Prepare detailed maps and reports based on survey data.
- Utilize AutoCAD, and Civil 3D for drafting and design purposes.

- Perform utility locating to identify underground utilities before construction.
- Collaborate with project teams to ensure alignment of survey data with project specifications.
- Analyze survey results and provide recommendations based on findings.
- Maintain accurate records of survey data and project documentation.
- Open manhole lids and measure utility inverts with level and laser distance meter.
- Write field notes of measure down inverts, tree diameters, height of instrument, etc.
- Take detailed photo loop of project site.
- Perform field activities including but not limited to use hand auger to dig soil test pits, coordination and documentation of geotechnical and environmental soil borings; installation of wells and geotechnical instrumentation; collection of groundwater and soil samples; and oversight and documentation during construction
- 1-3 days a week in the office to help process survey data, and coordinate survey schedules.
- 2-4 days a week of field work (Depending on workload).
- Ensure compliance with local regulations and industry standards throughout the surveying process.
- Willing to learn new concepts and adapt to new technologies.
- Conducts daily maintenance and up-keep of instruments
- Performs other duties as assigned

About Global Engineering:

Global Engineering is currently seeking a Field Survey Assistant to join our office in Fairfax. This is an excellent career opportunity for an enthusiastic and talented individual to join a team of outstanding professionals, and the opportunity to apply the latest technology to help our clients solve their most challenging problems. Typical projects involve site/civil design for residential and commercial site development projects. Global Engineering LLC provides Site Engineering, Structural Engineering, Surveying, Planning, Architectural, Environmental and Sustainable Design services in DC, Maryland, and Virginia. What sets us apart from our competitors are our people. At Global Engineering, we seek out exceptional talent and strive to deliver the highest quality of services to our clients. Whether you're an experienced professional or a new graduate, you'll have the chance to collaborate with the best and brightest and work on innovative and complex projects at the forefront of the industry. Our commitment to excellence stems from our personal integrity and our core values: Client Focus, Collaboration, Respect and Innovation.

Careers:

At Global Engineering we are passionate about our work and the communities we serve. Every project starts with a team of creative, highly skilled people who are eager to learn and committed to solving our client's challenges. Together, we design solutions that make a positive impact on the cities and towns where we live and work every day.

Global Engineering considers employees to be some of our most valuable resources. Satisfied and engaged employees make Global Engineering a great place to work while ensuring continued business growth and happy clients.

Global Engineering is committed to creating a culture that provides guidance and support while encouraging innovation and offering freedom to experiment and try new ideas and approaches. We value your individuality. Senior staffs take time to work with each employee on his or her career growth, developing their skills and cultivating their strengths to empower employees to achieve their potential.

We offer an excellent benefits package that includes immediate accrued paid time off, flexible work hours, 401(k) plan, tuition assistance, opportunities for professional development and more.

Global Engineering sponsors H1B visas and Green Cards to its committed employees.

Interested applicants send your resume to info@globalengineers.us.