Land Surveying Crew Chief

Barrett-Simpson, Inc. (BSI) is a leading civil engineering/land surveying firm that offers land surveying services in the southeastern United States. BSI is a growing firm with 3 locations and we are poised to continue to grow, expand and we are looking for talented professionals who can add to our staff in our office in Eufaula, AL. BSI offers Health Insurance, Company backed Simple IRA plan, Short and Long Term Disability Insurance, Dental Insurance, Wellness Program, 3 Weeks Paid Vacation per year, and a company truck after a 90-day introductory period with a paid cell phone furnished.

- Acts as party chief for a field survey crew engaged in making plane and/or geodetic surveys for construction, topographic, right-of-way, and control survey projects. Instructs and trains survey crew in survey and mapping methods, use of equipment, and field safety procedures.
- Gathers field survey data through use of conventional and Global Positioning System (GPS) methods; sets up, adjusts, and operates surveying equipment, including electronic total station, data collector, and GPS equipment, in order to measure distances, elevations, and angles; prepares field notes and drawings; and performs field surveying for roadway, bridges, and flood control projects, including installing surveying construction stakes, tying out existing intersection ties, and locating or establishing vertical and horizontal control, right of way, monuments, corners, boundaries, and property lines.
- Performs complex surveying calculations using engineering calculator, laptop computer, personal computer, and graphics and coordinate geometry (Cogo) software, such as AutoCad-Softdesk; analyzes raw data for mathematical closure and geometric accuracy; provides survey information for Geographic Information System (GIS); and prepares finished grade sheets, topographic maps, records of survey, corner records, and other survey reports.
- Researches existing record information, including record maps, plans, deeds, easements, and right-of-way documents; and maintains field data records, survey project files, and indexing systems.

Special Requirements: Work is performed both outdoors and in an office environment. Outdoor work may be conducted at construction sites, and in traffic. To perform the essential functions of the job, incumbents may be required to perform moderately strenuous tasks, such as including lifting and carrying instruments weighing up to 75 pounds over rough terrain. Incumbents will also be required to clear vegetation, dig holes, and pound stakes with hand tools. Must also be able to enforce safety practices; work independently; read and interpret engineering plans; collect, calculate, and adjust mathematical computations such as distances, traverses, and elevations; analyze data; operate and maintain complex precision surveying instruments, engineering calculators, and personal computers; perform difficult algebraic, geometric, trigonometric, and precise engineering calculations; communicate effectively orally and in writing; and establish and maintain cooperative working relationships with clients, contractors, and the general public. **Knowledge of:** principles and practices of land surveying, including boundary determination, legal descriptions, construction, topographic surveying, and GIS; field surveying practices and techniques, including radial staking; uses and capabilities of survey instruments, including electronic total station, data collector, theodolites, network control stations, GPS measuring equipment and computer assisted drafting surveying applications.

Job Type: Full-time   Salary: $21-$25 per hour

Job Location: Eufaula, AL

Required education: High School Graduate

Required experience: High School diploma, 5+ years experience as a crew chief, Boundary and Topographic experience, Work in Eufaula area and travel to projects around the area.

Please send resumes to:

Barrett-Simpson, Inc., c/0 Tim Simpson, tsimpson@barrett-simpson.com

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