

Jr. Design Engineer

Job Description

Drill Tech is looking for several Entry-Level Design Engineers to work from one of our office locations (Northern California, Southern California, DFW TX, Denver CO, Baltimore MD, Kansas City KS). We are committed to training successful candidates in all aspects of the roles and responsibilities regarding this position. A successful candidate is willing to learn the fundamentals of our business and apply them to design engineering as it relates to the various scopes of work performed at Drill Tech, such as earth retention systems, foundation piling systems, and ground improvements. This position requires excellent communication skills and the ability to organize multiple concurrent tasks.

The duties of this position include, but are not limited to, the following:

Primary Duties:

- Analyzing geotechnical reports, contract documents, and construction drawings.
- Develop geotechnical design solutions.
- Perform calculations to support the design solutions.
- Provide drafting of construction drawings, exhibits, and other illustrations that represent Drill Tech-proposed solutions.
- Participate in interfacing with clients and design teams.

Secondary Duties:

These duties relate to Estimating and Construction Management.

- Ensure work is completed in a safe and efficient manner.
- Develop construction project work plans with superintendent.
- Compile and plan budgets, cost estimates, and other financial estimates.
- Coordinate, plan, and manage job schedules.
- Ensure projects are completed on time and within budget through job-cost tracking.
- Material procurement: order and manage materials and equipment.
- Provide internal reporting and projections for project.
- Oversee and supervise construction project progress and provide reports on timeline, progress, and adjustments.
- Perform submittal preparation and estimate potential future work with bid proposals.
- Oversee and implement all aspects of contract management and construction management over the full lifespan of a project.

Qualifications:

- B.S. Degree in Civil Engineering, Geotechnical Engineering, or equivalent Engineering qualifications.
- While not required for this position, a candidate with an EIT is desirable.

- 2-5 years of similar work experience.
- Working knowledge of AutoCad, SNAILZ, L-pile, CT Shoring, Revit (or similar), and Deep Ex is highly desirable.
- Experience with estimating software such as HCSS is desired, but not necessary.