



Coastal/Geotechnical Engineer Job Description

Company:

BRON Ltd. (BRON) is an innovative and progressive multinational, interdisciplinary development consulting group of technical and business professionals. BRON Business Center for innovation is based in Nassau, The Bahamas, with additional offices in Florida, Turks & Caicos Islands and St. Kitts.

Job Summary:

BRON is looking for a self-motivated and forward-thinking Coastal/Geotechnical Engineer. The candidate will have the opportunity to work on a variety of coastal engineering projects with a concentration in beach nourishment, coastal structures, and navigation studies, all of which may involve feasibility analyses, engineering designs and analyses, limited numerical modeling, report preparation, permitting, and construction engineering services as well as geotechnical engineering projects with a concentration on geotechnical investigations, deep and shallow foundation designs and pile analyses. The selected candidate will perform tasks under the direction of a Professional Engineer through all phases of projects including the initial planning and design, permitting, construction and monitoring.

Job Duties:

The coastal engineering role will include the following duties and responsibilities:

- Site assessment, analysis and reporting
- Beach design (development, enhancement, nourishment etc.)
- Coastal Structures design (bulkheads, quay walls, breakwaters, groynes, jetties)
- Marina layout and design (structures and coordination of services engineering)
- Channel layout and design
- Conducting comprehensive coastal field studies as a team leader or participant including:
 - Hydrographic surveys
 - Scuba assessment, photos and reporting
 - Deploying data collection equipment such as current meter
 - GPS – RTK survey work as needed to support BRON coastal projects
 - Beach profiles and shoreline mapping
 - Analyzing results and developing appropriate graphics and/or drawings as needed
- Provide general project management services specifically with marina and coastal projects such as construction quantity take-offs, cost estimating, scheduling, coordination, contract documents and tendering.

The geotechnical engineering role will include the following duties and responsibilities:

- Site assessment, analysis and reporting
- Assessment of soil conditions to make recommendations on foundation requirements
- Calculate the capacities of soils and foundations using LRFD or ASD.
- Conducting comprehensive field studies as a team leader or participant including:
 - Subsurface investigations
 - Analyzing results and developing appropriate graphics and/or drawings as needed

The general duties and responsibilities of the role are as follows:

- Track and log professional time and expenses using the company's enterprise resource planning software (direct training will be provided).



- Develop schedules and timelines as needed for projects.
- Coordinate with clients, developers, Government of Bahamas regulatory and permitting agencies.
- Participate in and coordinate the services of specialized consultants (sub consultants or project partners).
- Meet with clients, participate in and chair project meetings, prepare meeting minutes.
- Liaise with contractors and coordinate construction works.

Qualifications:

- Undergraduate degree from an accredited college or university in Civil Engineering or Ocean Engineering
- Minimum 4 years professional experience
- Direct experience within the coastal engineering field is preferred
- Experience in a consulting engineering setting is preferred
- Excellent organizational skills with an ability to prioritize important projects
- Strong attention to detail with excellent follow-up and follow through skills
- Ability to interact with and communicate to a broad range of end users providing excellent support
- Ability to travel for in-person work on an as-needed basis, as the position is primarily remote

Salary: Commensurate with experience.

To Apply: Please email possibilities@bebron.com with your CV and references