



SHIMOPROJECTS

Job Description

Shimo Projects Ltd. – Engineer in Training

Date: February 3, 2022

Company Overview

Shimo Projects is a start-up Project Management & Estimating Consulting Company that provides services to contractors, engineers, and land developers. Based in the Fraser Valley, Shimo Projects offers consulting services to business in the Lower Mainland for land development and municipal infrastructure projects. To learn more about Shimo Projects, visit our website at www.shimoprojects.ca

Job Description

The primary focus of the Engineer in Training is to aid in the preparation of estimates for civil infrastructure projects, and project management. The requirements of the position may change based on the needs of our customers.

Tasks & Responsibilities

- Review existing conditions and pre-plan construction works, including a review of existing environmental features, and developing a plan to eliminate any adverse effects to the environment.
- Complete detailed review of civil engineering plan sets, geotechnical reports, erosion and sediment control plans, tender documents, specifications, and contract documents.
- Utilize computer software to complete detailed project takeoff included but not limited to the following components: existing elevations, proposed elevations, pavement areas and road structures, curb & gutter, sidewalk & driveways, storm & sanitary sewers, watermains, esc works, retaining walls, BC Hydro, Telus, Shaw, and Fortis Gas Works.
- Utilize computer software to prepare complete and detailed estimates for civil projects. The estimate will include accurate quantities and calculation notes.
- Correspond with Subcontractors and Materials Suppliers for project quotations.
- Become proficient with standard building materials for civil works including sewer and water materials, and fittings, precast concrete, granular materials, environmental protection devices, and paving/concrete works.
- Research and become familiar with municipal specifications and the Master Municipal Construction Document (MMCD).
- Attend technical seminars or training events that are relevant to the position.
- Design Traffic Management Plans (TMPs) that are in accordance with the Ministry of Transportation and Infrastructure Design Manual for offsite utility and road work.
- Provide mentorship and training for co-op students.

Requirements

- Drivers license and access to vehicle to visit project sites.
- Ability to work independently and collaborate with a team.
- Completion of engineering undergraduate program, and ability to register as an E.I.T.
- Proficient with the use of computers.
- Ability to manage time and execute deadlines.
- Ability to work effectively in home office.