

Composting Operations Technologist

Job Number: 1775

Classification Title: Engineering Technologist II

Posted On: Aug 18, 2008

Closing Date - 12:01am (in the morning) on: Sep 8, 2008

Union: CSU 52

Number of Openings (up to): 1 - Permanent Full-time

Department: Engineering, Processing and Disposal Section (Asset Management and Public Works Department)

Work Location(s): EWMC (Edmonton Waste Management Centre) 13111 Meridian Street NE

Description:

As an Engineering Technologist II, responsibilities include:

- Reducing field notes and preparing preliminary design and construction plans, utilizing all available field and recorded data; established alignment and grades
- Recommending specifications for tenders; preparing tenders and initiating work orders; determining construction requirements and estimating costs; determining size and location of services required; arranging for land easement
- Collecting technical data for project design, analyzing data and recommending course of action, as well as alternatives
- Designing and providing layouts for surface, underground and serial systems; proposing design revisions and preparing working drawings
- Preparing scaled and detailed plans, maps and charts using a variety of material such as photographs, site inspections and survey notes
- Corresponding with contractors and the general public; advising of work procedures, requirements and costs; prepares contractor periodic progress payments
- Directing and inspecting the work of departmental crews or contract crews engaged in maintenance and construction projects; establishing lines and grades for routine projects
- Interpreting specifications and design requirements for subordinates or contractors representatives; checking for quality, material and workmanship on City and contract work
- Developing and/or using complex computer models to forecast the level of required services and the cost of such services under different scenarios
- Specifying the detailed scheduling of projects performed by in-house construction crews, monitoring progress and reviews as necessary. Range of projects scheduled will span an entire department of a significant component of a department
- Applying knowledge of computer applications in the development and enhancement of engineering models; applying computer applications in the design, scheduling and costing of projects

Job Requirements:

- Completion of a two (2) year engineering diploma in one of the technologies i.e. composting, biological sciences, land and water resources, water and wastewater, environmental, or related equivalent from a recognized post secondary institution.
- Eligibility to apply for certification exam sitting as an Alberta Compost Operator would be an asset.
- Eligible to be recognized as a Certified Engineering Technologist (C.E.T.) with ASET
- Five years' progressively responsible technical experience, where experience in waste management or the composting industry would be an asset. Some supervisory/administrative experience would be an asset.
- Experience using Microsoft Word, Excel, Autosketch including adequate keyboarding skills.
- Knowledge of waste management, recycling and composting procedures, and applicable regulations.
- Class 5 Driver's License and the ability to attain a City of Edmonton Driving Permit.
- Note: Applicants should have no pre-existing respiratory problems which could be exacerbated by working at the composting facility and have good physical mobility/dexterity as necessitated by the working environment.

HOURS OF WORK: 33.75 hours per week, Monday - Friday. Hours of work may be subject to the terms and conditions of a variable hours of work program.

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SALARY RANGE: 21M, Salary Grade: 027, 21M, \$31.33 - \$39.50 (Hourly), \$2,114.78 - \$2,666.39 (Bi-weekly), \$55,195.63 - \$69,592.65 (Annually). The rates quoted are in accordance with a collective agreement between the Union and the City of Edmonton.

GENERAL: Civic Service Union 52 members are requested to send a copy of their application for this competition to the union office. The City of Edmonton thanks all applicants for their interest in this employment opportunity; however, only those candidates considered for the position will be contacted.

HUMAN RESOURCES CONSULTANT: IA, JP

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