



City of North Bay Report to Council

Report No: CORP-2022-066

Date: May 6, 2022

Originator: Mary-Ann Kotylak, CPPB, CPPO
Manager of Purchasing

Karin Pratte, P.Eng.
Senior Environment & Facilities Engineer

Business Unit:
Corporate Services

Department:
Financial Services Department

Subject: Request for Quote 2022-54 Wastewater Treatment Plant Electrical Supplies

Closed Session: yes ☐ no ☒

Recommendation

That City Council:

1. approves the award of a contract to Mesco Electronics Ltd. in the amount of \$162,488.85 (plus HST) for the provision of electrical supplies; and
2. authorizes the transfer of funds to the project as outlined in Report to Council Corp 2022-066.

Background

The City of North Bay Wastewater Treatment Plant (WWTP) is a 54,500m³/day conventional activated sludge facility, which treats all wastewater for the City of North Bay. The WWTP was originally constructed in 1961 with subsequent major upgrades completed in 1975 and 1982. The plant consists of several unit treatment processes, 12 buildings and over 4000 assets all of which require electricity to operate. A master plan was completed for the electrical distribution at the facility, which provided a long-term strategy to upgrade electrical components as well as ensure backup power to all treatment processes. The purchase of these electrical supplies is required in order for the City's water and wastewater maintenance department to complete the next electrical upgrade in the master plan. This specific upgrade will provide backup power to the aeration and dewatering processes at the Wastewater Treatment Plant.

Financial/Legal Implications

A formal bid request, which closed April 27 2022, was administered by the Purchasing Department and was publically advertised in accordance with the City's Purchasing By-Law 2013-200. One quote was evaluated by the Purchasing Manager and the Senior Facilities and Environment Engineer. The evaluation considered mandatory technical requirements and price.

The results are as follows:

| Ranking | Company | Bid Price |
|---------|------------------------|---------------|
| 1 | Mesco Electronics Ltd. | \$ 162,488.85 |

The quote from Mesco Electronics Ltd is considered fair and reasonable.

Funding for this contract is available in Capital Project No. 6676SS – Wastewater Treatment Plant – Electrical Upgrades 2022 On-going which has a total budget of \$225,809. It is estimated that up to an additional \$109,000 will need to be transferred from Capital Project No. 4110SS – Wastewater Treatment Plant – Ferric Room Upgrades to Project No. 6676SS to cover the balance of the project costs including the remainder of the contract price, non-rebated HST, price volatility as some items are subject to market value commodity prices, electrical work required for installation, and project management.

Corporate Strategic Plan

- | | |
|--|--|
| <input type="checkbox"/> Natural North and Near | <input type="checkbox"/> Economic Prosperity |
| <input checked="" type="checkbox"/> Affordable Balanced Growth | <input type="checkbox"/> Spirited Safe Community |
| <input type="checkbox"/> Responsible and Responsive Government | |

Specific Objectives

Maintain infrastructure across the city in a good state of repair.

Options Analysis

Option 1: That City Council approves the award of a contract to Mesco Electronics Ltd. in the amount of \$162,488.85 (plus HST) for the provision of electrical supplies; and authorizes the transfer of funds to the project as outlined in Report to Council Corp 2022-066.

Option 2: Do not award a contract. This option is not recommended because these electrical supplies are required in order to ensure backup power at critical treatment processes at the wastewater facility.

Recommended Option

That City Council:

1. approves the award of a contract to Mesco Electronics Ltd. in the amount of \$162,488.85 (plus HST) for the provision of electrical supplies; and
 2. authorizes the transfer of funds to the project as outlined in Report to Council Corp 2022-066.
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Respectfully submitted,

Name: Mary-Ann Kotylak, CPPB, CPPO
Title: Manager of Purchasing

Name: Karin Pratte, P.Eng.
Title: Senior Environment & Facilities Engineer

We concur with this report and recommendation

Name: Domenic Schiavone
Title: Director Public Works & Parks

Name: Margaret Karpenko, CPA, CMA
Title: Chief Financial Officer /Treasurer

Name: David Euler, P.Eng., PMP
Title: Chief Administrative Officer

Personnel designated for continuance:

Name: Karin Pratte, P.Eng.
Title: Senior Environment & Facilities Engineer