

REPORT FOR ACTION

Cable Procurement for the Relocation of Dufferin Sub-Station Project

Date: January 19, 2024
To: The Board of Governors of Exhibition Place
From: Don Boyle, Chief Executive Officer
Wards: Ward 10 - Spadina - Fort York

SUMMARY

This report recommends approving procurement of required cable for the Relocation of Dufferin Sub-Station project from TOC Logistics Inc ("TOC"). Quotes were requested and received by three (3) suppliers, the recommendation is to approve procurement of cable meeting the requirements and specifications indicated.

RECOMMENDATIONS

The Chief Executive Officer recommends that:

1. The Board approve the procurement of cable from TOC Logistics Inc. for the Relocation of Dufferin Sub-Station project in the amount of \$681,465.78 but excludes HST; this being the lowest acceptable quote received.

FINANCIAL IMPACT

The financing for this project is included within the approved Exhibition Place 2023 - 2024 Capital Works Program for Electrical Underground High Voltage Utilities.

DECISION HISTORY

The Exhibition Place 2022-2026 Strategic Plan has identified Protecting and Spotlighting our Assets Goal to ensure that our State-of-Good Repair plan and processes are adequately linked to our capital plan.

At its meeting of September 14, 2022, the Board approved the 2023 Capital Works Program budget. An amended version of this budget was subsequently adopted by City Council at its meeting on February 15, 2023.

<https://secure.toronto.ca/council/agenda-item.do?item=2022.EP25.13>

COMMENTS

Background

Exhibition Place is a 192-acre multi-use campus. The electrical power distribution system for the grounds is owned by Exhibition Place. The main power distribution system is composed of parallel sets of 13,800 volt and 4,160-volt underground cable runs. The system is composed of 34 substations with over 60 transformers, 136 switchgear cells, 78 cable chambers, 6214 meters of duct banks and almost double that of high voltage cable. In addition, there are hundreds of kilometers of underground cables servicing various 120V, 208V, and 600V equipment.

The majority of underground cables throughout Exhibition Place are aging (some over 70 years old) and beginning to fail. These cables supply the power and life safety services to the buildings on the grounds as well as street, park, and parking lot lighting. The rate of ground fault, splice, and cable failures are increasing, when these faults occur the electrical power supply is lost to the buildings and services that they provide electricity to. As a result, Exhibition Place may be unable to provide a consistent, reliable service to stakeholders, tenants, and the public. The extensive amount of work required to replace all of the underground cables throughout the grounds and the respective outages required means this work will be done in phases over the coming years.

Due to the planned expansion of the TTC and Metrolinx systems, the Dufferin Street bridge over the rail corridor and Gardiner Expressway will require major alterations. When that happens, the Dufferin Gate arch and associated buildings will need to be relocated to accommodate these changes. In preparation for this proposed alteration upgrades and reconfiguration of the adjacent infrastructure is required, this project will address these changes while performing much-needed replacements of aging equipment. This scope of work is therefore being added in 2024 to include additional cable replacements between other substations across the grounds, this cable is to be used for those sections.

Quotation Process

Quotes were requested and three (3) quotes were received. The suppliers' price submissions, excluding HST, are as shown in the following Table 1.

Table 1: Quote price submissions, delivery time and the recommended purchase price

Supplier	Quoted Minimum Quantity (metres)	Price per metre	Quoted Price Received	Delivery Time	Recommended Purchase Price
TOC Logistics Inc.	3306	\$206.13	\$681,465.78	90 Days	\$681,465.78
Anixter	3500	\$280.35	\$981,225.00	28-32 Weeks	
Black & McDonald	3500	\$242.34	\$805,000.00	30 Weeks	

The lowest compliant quote, received from TOC meets all requirements including the lowest acceptable price and most favorable delivery time.

The budget for this procurement is under the Electrical Underground High Voltage Utilities with a previously approved construction budget of approximately \$1,800,000 for 2024.

TOC has indicated that the maximum price fluctuation for this type of cable has been 10-12% in any given 12-month period and have ensured their ability to deliver this cable to meet the project timelines. Due to price volatility of commodities, all suppliers are confirming their price on the day of shipment and not on the day of order. Even with the possibility of this price escalation TOC provides the most cost-effective option, therefore staff recommends pre-purchase from TOC in order to expedite the long lead time of this cable to coincide with the project schedule and provide significant savings for Exhibition Place. Staff recommends proceeding with procurement of this cable from TOC at the purchase price of \$681,465.78 plus HST.

This recommendation is contingent upon approval by the Office of the City CFO & Treasurer and of the Surety Company proposed by the successful bidder for the supply of the bonding requirements. It is also subject to the City Fair Wage Office confirming that the recommended contractor and its subcontractors maintain wage rates and working conditions in accordance with Toronto Workers' Rights requirements.

CONTACT

Mark Goss, General Manager, Operations, 416-263-3660, mgoss@explace.on.ca

Prashant Bhalja, Director, Capital Works, 416-263-3670, pbhalja@explace.on.ca

SIGNATURE

Don Boyle
Chief Executive Officer