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Meeting Date: April 30, 2026
File No.:



To: Chair and Members
Lambton Area Water Supply System Joint Board of Management

From: Clinton Harper
General Manager

Subject: LAWSS RFQ 26-02 Phase 3 Various Panels Upgrade - Contract Award

Recommendation

It is recommended that the LAWSS Joint Board of Management award RFQ 26-02 Phase 3 Various Panels Upgrade Project at the WTP to Dielco Electric Ltd. for the quoted amount of \$518,860+HST,

Background:

The Lambton Area Water Supply System (LAWSS) completed a review of its Supervisory Control and Data Acquisition (SCADA) system in 2021. Out of this project, LAWSS developed a 10-year Master Plan aimed at overcoming current and imminent hardware obsolescence, improving overall security and maintenance of an acceptable/legislated level of overall system control and reporting capability.

Phase 3 project scope of work is centered on replacing outdated control panels, modernizing network architecture, and redistributing I/O to improve reliability and maintainability.

Key upgrades include the installation of new control panels (ICP-500 for the reservoir/valve house and ICP-700 for high-lift pumping), removal of legacy panels (ICP-4 through ICP-7), and modifications to the main control panel (MCP). Signals currently centralized in the MCP will be migrated to localized panels closer to their respective equipment (e.g., reservoir systems, high-lift pumps, filters), with new wiring, improved panel layouts, and added spare capacity for future expansion.

The MCP will retain its role as the core processing and network hub but will be simplified by removing obsolete Genius Bus components and reorganizing I/O.

Comments:

LAWSS RFQ- 26-02 Phase 3 Various Panel Upgrades closed at 1pm on April 10, 2026. Of the four Contractors that attended the mandatory site visit LAWSS received 2 potential tenders. Each submission has been checked by ERAMOSA for accuracy, and the results

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are presented in Table #2. The Engineering recommendation letter is attached to this report.

Table #2	
Bidder	Bid (+HST)
Dielco Electric Ltd.	\$518,860
Selectra Inc.	\$709,942

Based on the bid submission, it is recommended that Dielco Electric Ltd. be awarded this project. Dielco Electric Inc. has completed similar projects. It can be confidently stated that they can successfully manage and execute this contract.

Consultation:

This report was prepared in consultation with local OCWA operations and Eramosa Engineering Inc.

Financial Implications:

In 2026, the LAWSS Joint Board of Management approved a budget of \$493,889 to undertake this project. New cost for the project is \$527,991.94 (\$518,860*1.0176). The recommended bid is \$34,102.94 over 2026 the approved budget.

If approved, the additional funds will be allocated from the appropriate LAWSS capital reserves to cover the different. Be advised that there is a \$50,000 general contingency amount built into the bid submission.

This report was prepared by Clinton Harper, General Manager.

Attachment(s):

ERAMOSA Recommendation Letter- 256-02 Phase 3 Various Control Panel Upgrades.