



Procurement Amendment Authorization for Greenwood Shop Paint Booth End of Life Replacement

Date: April 16, 2025

To: TTC Board

From: Executive Director, Innovation and Sustainability

Reason for Confidential Information

This report contains information about a position, plan, procedure, criteria or instruction to be applied to any negotiations carried on or to be carried on by or on behalf of the City or local board.

Summary

This report fulfills TTC Board direction from January 27, 2025, to report back on the Greenwood Shop paint booth replacement project.

This undertaking aligns with TTC Corporate Plan Action 3.1.3, Leverage Line 2 Modernization to Enhance Line 2 Capacity Long-Term and the TTC's Innovation and Sustainability Strategy.

Recommendations

It is recommended the TTC Board:

1. Approve the recommendation contained in Confidential Attachment 1 and authorize the information in Confidential Attachment 1 to remain confidential until the contract change has been issued to the contractor.

Financial Summary

The financial implications are contained in the Confidential Attachment to this report.

Equity/Accessibility Matters

TTC staff reviewed the scope of work of the existing contract and the recommended contract change and assessed that they do not reduce or create barriers to equity or accessibility.

Innovation and Sustainability Matters

In December 2021, City Council adopted the TransformTO Net Zero Strategy, which targets reducing community-wide greenhouse gas emissions to net zero by 2040. The TransformTO Net Zero Strategy requires the decarbonization of all TTC fleets and facilities. As of 2023, as part of adopting the TransformTO Net Zero Strategy, City Council directed that any new equipment being installed in a City facility must contribute to net zero and all new buildings must be designed and built to net zero.

The TTC has since initiated two-part parallel processes to align current and future capital projects with this direction, which include: 1) reviewing and updating the TTC Design Manual and other design specifications through a climate lens; and 2) reviewing in-flight projects and, where practicable, adjusting the scope to contribute to net zero emissions.

The lens applied to both reviews are guided by the TTC's Innovation and Sustainability Strategy which focuses on the elimination of greenhouse gas emissions, conservation of energy, protection of our natural environment, and building climate resiliency, all with a view of ensuring climate and fiscal responsibility.

Decision History

On December 23, 2023, the TTC Board approved a 2024-2033 Capital Budget and Plan of \$1.369 billion and future-year planned estimates of \$11.029 billion for a total of \$12.398 billion. This included a cost estimate of \$29.7 million for the Greenwood Shop Paint and Sanding Booth Replacement project.

Decision: [Staff Recommended 2024-2033 Capital Budget and Plan](#)

On January 27, 2025, the TTC Board authorized the award of Contract GR1-59 for the end-of-life replacement of the Greenwood Shop paint and sanding booths in the amount of \$15.029M to Maystar General Contractors Inc.

Report: [Procurement Authorization – Greenwood Shop End of Life Replacement – Replace Paint and Sanding Booths](#)

Decision: [Agenda Item History - 2025.TTC1.8](#)

Issue Background

Greenwood Shop is a building located within the Greenwood Complex at 400 Greenwood Avenue in Toronto. Greenwood Shop is responsible for heavy repair and overhaul of the TTC T1 subway trains, subway workcar vehicles, and line replaceable units; this includes major body repairs and painting. It will also be responsible for the same maintenance functions for new Line 2 trains.

The T1 vehicle fleet servicing Line 2 will reach the end of its 30-year design life between 2026 and 2031. The T1 SOGR Program will extend the life of the vehicles until the T1 fleet is replaced through the New Subway Train procurement, from which new vehicles are planned to arrive starting as early as 2030. While the scope of the SOGR program

is presently under study, previous investigations have revealed decay of the vehicle carbody system, including structural members and exterior skin.

The Greenwood Shop paint and sanding booths are the only facilities at TTC capable of repairing this system and the existing paint and sanding booth equipment is obsolete and non-functional. As a result, replacement of this equipment is needed prior to the T1 subway 30-year SOGR program, which is scheduled to begin in mid-2027.

Contact

Michelle Jones, Head, Sustainable Innovation
416-937-3696
michelle.jones@ttc.ca

Signature

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Executive Director, Innovation and Sustainability

Attachments

Attachment 1 - Confidential Information