



## **Wilson Bus Garage – Bus Hoist Replacement in Bus Repair Area**

**Date:** June 20, 2024  
**To:** TTC Board  
**From:** Chief Capital Officer

### **Summary**

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The purpose of this report is to obtain authorization for the award of Contract C60-21 Wilson Bus Garage – Bus Hoist Replacement in Bus Repair Area to Maystar General Contractors Inc. in the amount of \$12,622,100.00, inclusive of HST, based on the lowest total compliant bid price.

The work under this Contract (C60-21) is comprised of all labour, equipment and materials to undertake the replacement of the existing 11 standard, two-post bus hoists with new in-ground cylinder post-type bus hoists in cassettes and associated components, and localized state of good repair.

The replacement of the existing bus hoists with new equipment, as part of state-of-good-repair maintenance, will ensure the availability of reliable, efficient and most up-to-date bus hoisting equipment for the garage.

### **Recommendations**

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It is recommended that the TTC Board:

1. Authorize the award of Contract C60-21 Wilson Bus Garage – Bus Hoist Replacement in Bus Repair Area to Maystar General Contractors Inc. in the amount of \$12,622,100.00, inclusive of HST, on the basis of the lowest total compliant bid price.

### **Financial Summary**

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Based on the expected progress of work, Table 1 below summarizes the annual expenditure forecast over the total contract term:

**Table 1 – C60-21 Wilson Bus Garage – Bus Hoist Replacement in Bus Repair Area Expenditure Forecast**

	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	Total Contract Amount
Construction Expenditure (without HST)	112.0	1,564.0	6,144.0	3,350.0	11,170.0
Non-Rebatable HST 1.76%	2.0	27.5	108.1	59.0	196.6
<b>Total Construction Expenses</b>	<b>114.0</b>	<b>1,591.5</b>	<b>6,252.1</b>	<b>3,409.0</b>	<b>11,366.6</b>
Rebatable HST	12.6	175.8	690.6	376.5	1,255.5
<b>Total Authority, including HST</b>	<b>126.6</b>	<b>1,767.3</b>	<b>6,942.7</b>	<b>3,785.5</b>	<b>12,622.1</b>

*\*(in thousands)*

Sufficient funds for this contract expenditure are included in the TTC’s 2024-2033 Capital Budget and Plan under Program 3.2 Equipment, Bus Hoists, State of Good Repair, which was approved by the TTC Board at its meeting on December 20, 2023 and City Council on February 14, 2024. The 10-Year Capital Plan includes a total of \$49.280 million for the Bus Hoists Project, comprising annual cash flow funding, as presented in Table 2 below:

**Table 2: 2024-2033 Capital Budget and Plan – Bus Hoists**

Project Name	2024 Budget	2025	2026	2027	2028	2029-2033	10-Year Total
Bus Hoists	2,582	13,667	14,252	11,278	7,501	-	49,280

*\*(in thousands)*

The Chief Financial Officer has reviewed this report and agrees with the financial impact information.

**Equity/Accessibility Matters.**

As a proud leader in providing accessible public transit in the city of Toronto, the TTC is committed to ensuring accessible, reliable, safe, and inclusive transit services for all our customers. TTC staff have reviewed the work of this contract and assessed that this contract does not reduce accessibility or create barriers to customers, employees, and the communities surround Wilson Bus Garage and Division.

The new bus hoist equipment will allow for reliable maintenance at Wilson Garage, which services 250 buses on 31 bus routes to diverse communities and customers.

## **Decision History**

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No prior decision history.

## **Issue Background**

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Wilson Bus Garage is located at 160 Transit Rd., Toronto. Currently, 250 buses are stored, repaired, and maintained at this garage.

There are 16 in-ground hoists at Wilson Garage. Eleven of the 16 bus hoists in the Wilson Garage repair area have exceeded their expected service life cycle of approximately 25 years, as recommended by the equipment manufacturer. Eight of the 11 hoists are permanently out of service, and three of the remaining 11 hoists have received refurbishment to allow them to be operated past their design life. These three hoists, however, require additional and frequent inspections to ensure their continued use. TTC maintenance staff are currently using mobile hoists as an interim solution. Mobile hoists are less efficient as it requires additional setup time.

Replacement of the existing bus hoists are required due to ongoing deteriorating conditions and limited availability of spare parts, resulting in significant downtime.

The production capacity of the garage is directly dependent on the number of bus hoists that are available to service buses in the maintenance and repair bays. Given this, the importance of functional, safe and efficient hoists at the garage is required to ensure reliable maintenance activities and schedules are maintained. The replacement of the existing bus hoists with new equipment will ensure the availability of reliable, efficient, and most up-to-date bus hoisting equipment for the garage.

The scope of work under this contract includes the replacement of the existing 11 standard, two-post bus hoists with new in-ground cylinder post-type bus hoists in cassettes.

The 11 new hoists will have capacity to lift new eBuses arriving in 2024-2025.

The replacement would be completed sequentially, with a typical replacement of two hoists at any given time, for an overall replacement duration of approximately 27 months. This is to minimize the impact of construction on daily bus repair and maintenance operations at Wilson Garage.

## **Comments**

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The bid documents were prepared for Contract C60-21 and a Request for Bids (RFB) was posted on the MERX website as of March 20, 2024. During the bid period one addendum was issued. A total of nine companies downloaded copies of the bid documents. Five companies submitted a bid by the closing date of April 24, 2024. The bid validity expires on August 22, 2024.

The RFB stated that the Bidders must possess a valid Certificate of Recognition (COR™) as issued by the Infrastructure Health and Safety Association (IHSA), at the time of the bid closing and for the duration of the contract.

Maystar General Contractors Inc. submitted the lowest-priced bid and did not state any exceptions or qualifications. Maystar General Contractors Inc. is COR™ certified with IHSA as specified in the bid documents. Reference checks were completed demonstrating that Maystar has satisfactorily performed work of a similar size and nature in the past. In addition, Maystar is currently performing work for Contract M60-88 – Duncan Shop Bus Hoist Replacement, which is of similar scope, nature, and complexity to Contract C60-21. As such, their bid is considered commercially acceptable.

Pegah Construction Ltd. submitted the second lowest-priced bid and also did not state any exceptions or qualifications. Pegah Construction Ltd. is COR™ certified with IHSA as specified in the bid documents.

Duron Ontario Ltd. submitted the third lowest-priced bid and also did not state any exceptions or qualifications. Duron Ontario Ltd. is COR™ certified with IHSA as specified in the bid documents.

The Agreement to Bond submitted by Maystar General Contractors Inc. covers a Labour and Material Payment Bond and a Performance Bond and was submitted by Zurich Insurance Company Ltd., who have been verified as a Surety Company licensed to transact business under the Insurance Act of Ontario. As such, they are considered financially capable of performing the work.

The successful Bidder will be required to execute a Performance Bond and a Labour and Material Payment Bond, each in the amount of 50% of the contract value.

## **Contact**

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John Dimovski, Chief Project Manager – Construction  
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## **Signature**

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Gary Downie  
Chief Capital Officer

## **Attachments**

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Appendix A – Summary of Bids

03075-1930193336-34

## APPENDIX A: SUMMARY OF BIDS

Contract C60-21, Wilson Bus Garage – Bus Hoist Replacement in Bus Repair Area

Summary of Bids:

Bid No.	Bidder	Total Bid Price
1	<b>Maystar General Contractors Inc.*</b>	<b>\$12,622,100.00</b>
2	Pegah Construction Ltd.	\$13,293,268.31
3	Duron Ontario Ltd.	\$14,862,777.00
4	EllisDon Corporation	\$15,906,332.00
5	Brook Restoration Ltd.	\$22,710,015.67

\*Recommended Company