



# REPORT FOR ACTION

## Bike Share 2022 Equipment Purchase

**Date:** February 4, 2022  
**To:** Board of Directors, Toronto Parking Authority  
**From:** President, Toronto Parking Authority  
**Wards:** All

### SUMMARY

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Bike Share Toronto is a central component of Toronto Parking Authority's (TPA) transformation into a mobility provider. As outlined in TPA's 2022 Operating Plan, accelerating Bike Share's growth and role as an integral part of Toronto's mobility network is a strategic priority for the TPA.

Over the next four (4) years, TPA will expand the reach and accessibility of the Bike Share program to all of the City's 25 wards, and increase the size of its e-bike fleet. The purpose of this report is to seek Toronto Parking Authority (TPA) Board of Directors authority to purchase \$3,038,726 of equipment in 2022 to support the first-year expansion of Bike Share Toronto's Four-Year Growth Plan.

The purchase will include new system equipment, including supply, delivery, and installation of approximately 225 E-FIT pedal assist bikes, 100 Iconic bicycles, eight (8) e-charging stations, 35 solar paneled stations and ancillary elements. The equipment will be purchased from PBSC Urban Solutions Inc. (PBSC), pursuant to the terms and conditions of TPA's Equipment Supply Agreement with PBSC.

### RECOMMENDATIONS

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The President, Toronto Parking Authority recommends that:

1. The Board of Directors, Toronto Parking Authority, authorize the purchase of new equipment to support year one (2022) of the four (4)-year phased expansion plan of the Bike Share Toronto system, comprising new bicycles, new stations, docks, and ancillary elements from PBSC Urban Solutions Inc., pursuant to the terms and conditions of the Equipment Supply Agreement dated March 22, 2016 between the Toronto Parking Authority and PBSC Urban Solutions Inc., in the amount of \$3,038,726, excluding Harmonized Sales Tax (HST).

## FINANCIAL IMPACT

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The total cost of the new equipment is \$3,038,726 (excluding HST). Table 1 summarizes the main elements of the proposed purchase.

**Table 1:** 2022 Equipment Order

<b>2022 Equipment Order</b>	
Iconic Bicycles	100
E-FIT Bicycles	225
Solar Paneled Stations	35
E-Charging Stations	8

The cost of the equipment is subject to pre-determined rates that are included in the Equipment Supply Agreement dated March 22, 2016 between TPA and PBSC Urban Solutions Inc.

The purchase of the equipment will be funded through TPA's 2022 Capital Budget of \$2,630,000 and municipal contributions of \$520,251, which will be provided as follows:

\$520,251 from Planning Act Reserve Funds (Section 37), from the following Wards:

<b>Ward No.</b>	<b>Ward Name</b>	<b>Planning Act Reserve Funds (Section 37) Available</b>
6	York Centre	\$103,441
9	Davenport	\$50,000
11	University-Rosedale	\$266,811
12	Toronto-St. Paul	\$50,000
15	Don Valley West	\$50,000
Total Planning Act Reserve Funds (Section 37) Available:		\$520,251

Assuming year one of the expansion is substantially completed by the end of December 2022, the incremental operating costs compared to the approved 2021 budget as a result of this expansion is expected to be \$1,041,600, partially offset by increased ridership revenue of an estimated \$900,000.

## DECISION HISTORY

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The Toronto Parking Authority Board, at its meeting of February 25, 2016, in considering the matter, "Bike Share Toronto Equipment Supply Agreement - PBSC", outlined the results of a Request for Proposals (RFP) process, authorized staff to enter into an Agreement with the successful proponent. The term of the supply agreement is five (5) years with up to three (3) additional two (2)-year optional renewal periods at TPA's sole discretion. This report was considered in camera and remains confidential.

## COMMENTS

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In 2022, TPA will begin the first year of its Four-Year Growth Plan. Bike Share Toronto is requesting authority to place the order for the new bike share equipment to ensure delivery and installation for the prime spring/summer seasons to maximize user revenues and availability of the enhanced service in these highest demand times.

TPA released a Request for Proposals (RFP) in October 2021, titled "Bike Share Toronto Four-Year Growth Plan", to seek submissions from qualified proponents to support the development of the plan, including consultation, spatial analysis, and phased implementation planning.

Alta Planning + Design received the highest total score in the evaluation process and was awarded the project in January 2022. The outputs of the study will include:

- An outline of informed recommendations of key target areas for the phased expansion into new areas of Toronto in 2022 to 2025;
- An implementation schedule that identifies how many stations will be installed in each neighbourhood and Ward per year from 2022 to 2025;
- Location planning in the existing coverage area, which will seek opportunities to fill network gaps and improve station density where historic demand for bike share is high; and
- Location planning that supports first- and last-mile mobility solutions by identifying existing or planned cycling corridors and rapid transit projects.

The study has been initiated, and it is anticipated to conclude in Second Quarter (Q2) 2022.

TPA plans to begin implementing the first year of the growth plan upon its completion. With supply chain issues and parts shortages there is some uncertainty with the delivery schedule, but TPA is working diligently with PBSC to ensure minimal delay. Should TPA Board of Directors adopt the recommendation of this report, equipment is projected to be delivered by the end of Q2, which will help TPA maximize the expansion of the program in 2022.

With the purchase of equipment in 2022, Bike Share Toronto's network will expand to include 7,175 bikes, including 525 e-bikes and 668 stations.

## **CONTACT**

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## **SIGNATURE**

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W. Scott Collier  
President Toronto Parking Authority