

# TORONTO TRANSIT COMMISSION REPORT NO.

**MEETING DATE:** May 28, 2014

**SUBJECT:** **PROCUREMENT AUTHORIZATION  
TORONTO-YORK SPADINA SUBWAY EXTENSION  
SUPPLY AND INSTALLATION OF SUPERVISORY CONTROL,  
COMMUNICATION CABLE AND TUNNEL TRACTION POWER  
CONTRACT A80-23**

## **ACTION ITEM**

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### **RECOMMENDATION**

It is recommended that the Board authorize the award of a contract to The State Group Inc. (State) in the amount of \$27,568,964.82 for Contract A80-23, Supply and Installation of Supervisory Control, Communication Cable and Tunnel Traction Power.

### **FUNDING**

Sufficient funds for this expenditure are included in the Toronto-York Spadina Subway Extension (TYSSE) project, as set out on pages 1007-1010 of the TTC's 2014-2023 Capital Program (Category – Expansion) which was approved by the Board on November 20, 2013 and by City Council on January 29/30, 2014.

### **BACKGROUND**

The TTC is undertaking the design and construction of a subway line from the existing Downsview Station on the Spadina Line located in the City of Toronto, to the future Vaughan Metropolitan Centre located in the City of Vaughan, Region of York. The new 8.6 km long line extension will include both tunnelled and cut and cover sections.

The TYSSE project is being funded by the Government of Canada, the Province of Ontario, the City of Toronto, and the Regional Municipality of York. The TTC is managing the design and construction of the TYSSE project and will own and operate the subway extension.

This Contract designated A80-23 consists of two packages:

Package A80-18 will supply and install subway radiating cable in the running structure, emergency alarm stations, subway ventilation controls, station data acquisition and the fibre optic backbone.

Package A75-24 will supply and install traction power cabling in the running structure including electrically operated isolating switches, shorting switches, positive and negative power cabling and power cabling for the York University and Highway 407 Stations' power supply.

**PROCUREMENT AUTHORIZATION  
TORONTO-YORK SPADINA SUBWAY EXTENSION  
SUPPLY AND INSTALLATION OF SUPERVISORY  
CONTROL, COMMUNICATION CABLE AND TUNNEL  
TRACTION POWER  
CONTRACT A80-23**

**DISCUSSION**

Specifications and drawings were prepared for Contract A80-23 and a Request for Bids was posted on Merx as of February 4, 2014. Twenty-one companies were issued copies of the bid documents out of which two submitted a bid and are summarized on Appendix A.

State submitted the lowest priced bid and did not state any exceptions or qualifications. They have satisfactorily completed similar work for the Commission in the past and their bid is considered acceptable.

Black and McDonald Limited submitted the second lowest priced bid and also did not state any exceptions or qualifications. Their bid is also considered acceptable.

**JUSTIFICATION**

This equipment is required to operate the communication and power system for the TYSSE and the bid submitted by State is the lowest priced acceptable bid.

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Attachment – Appendix A

## APPENDIX A

Toronto-York Spadina Subway Extension  
Supply and Installation of Supervisory Control,  
Communication Cable and Tunnel Traction Power  
Contract A80-23

Summary of Submissions

Bid Price

1.	The State Group Inc. *	\$27,568,964.82
2.	Black and McDonald Limited	\$29,975,274.96

\*Recommended Company