

City of Mississauga Corporate Report



<p>Date: March 16, 2021</p> <p>To: Chair and Members of General Committee</p> <p>From: Geoff Wright, P.Eng, MBA, Commissioner of Transportation and Works</p>	<p>Originator's files:</p> <hr/> <p>Meeting date: April 28, 2021</p>
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Subject

Extension and Increase to the Contract with Tacel Ltd. for the Supply and Delivery of Traffic Signal Controllers

Recommendation

1. That the report from the Commissioner of Transportation and Works dated March 16, 2021 and entitled "Extension and Increase to the Contract with Tacel Ltd. for the Supply and Delivery of Traffic Signal Controllers" be received.
2. That Tacel Ltd. continue to be designated as the single source supplier for the supply and delivery of City standard Traffic Signal Controllers and Related Equipment for an additional 2-year period ending December 31, 2022.
3. That the Purchasing Agent be authorized to execute the appropriate forms of commitment with Tacel Ltd. for the supply and delivery of Traffic Signal Controllers and Related Equipment for the 2-year period ending December 31, 2022, subject to budget funding availability.

Background

Council approved Tacel Ltd. as a vendor of record (single source) for the Supply and Delivery of traffic signal controllers and related equipment for the period January 1, 2009 to December 31, 2012; reference GC-179-2009. At that time, the City had participated in co-operative procurement processes for traffic controllers with the City of Brampton and the Region of Peel (Tri-Party) since the mid 1990's. Tacel was consistently the successful bidder, or only qualified bidder, to the extent that the equipment supplied by Tacel became a standard for the entire Region of Peel.

Council again approved Tacel Ltd. as a single source vendor for the Supply and Delivery of traffic signal controllers and related equipment for the periods ending December 31, 2018, reference GC-579-2015 and ending December 31, 2019, reference GC-419-2019.

Due to increased demand for new transportation initiatives, this report seeks approval to continue to consider Tacel Ltd. as a single source supplier and to issue a contract to Tacel Ltd.

to accommodate immediate needs for traffic signal controllers and related equipment required for the next two (2) years.

It is anticipated that as technical requirements are determined from the noted signal priority for fire/ transit vehicles and ITS initiatives to operate the HuLRT corridor projects, the City will be in a position to produce future specifications for a competitive procurement.

Comments

As a result of the Advanced Traffic Management System (ATMS) implementation, a significant redesign of the traffic control cabinet was undertaken. These design changes were required to accommodate the City's current new transportation initiatives, including bicycle signals and communication requirements. The City's ATMS continues to evolve and design changes will be required to address future needs including signal priority for fire/transit vehicles, additional Intelligent Transportation initiatives and the operation of the traffic signals along the HuLRT Project corridor, which is currently underway.

The 2021 and 2022 equipment quantity requirements will be derived from various capital projects and operational needs, including City Capital Road and Active Transportation projects, obligations under the Region of Peel Traffic Signal Operations and Maintenance Service Agreement, Ministry of Transportation of Ontario (MTO) Operations and Service Agreement, emergency, routine and life cycle needs. Acceptable unit prices for the traffic signal controllers and related equipment will be negotiated annually based on estimated quantities required to meet capital projects, operational needs and available budgets.

Tacel continues to be a single source supplier, providing a unique product. The Purchasing By-law provides for single sourcing under Schedule A(1)(a)(iv) when *The complete item, service, or system is unique to one vendor and no alternative or substitute exists within Canada*. The Purchasing By-law further requires Council approval for contracts with a term exceeding 10 years and for single source awards over \$100,000.

Materiel Management has reviewed this report and supports the recommendations contained herein from a procurement perspective.

Financial Impact

The estimated contract value for 2021 is \$650,000. Staff will be reviewing the 2022 Supply and Delivery of Traffic Signal Controllers and Related Equipment based on scheduled projects and operational needs.

Funding for the Traffic Signal Controllers and Related Equipment for maintenance and capital purposes are accounted for in 2021-2022 annual operating and capital budgets for the Transportation and Works Department. Equipment acquired will be placed in the Traffic Signals

Inventory Account #125215 and charged to the various capital and operating budgets as required, including necessary chargebacks to various jurisdictions as outlined in the Traffic Signal Operations and Maintenance Service Agreements with these jurisdictions.

Conclusion

The Traffic Signal Controllers and Related Equipment, as supplied by Tacel Ltd., are City standards and will continue to be required to meet future operating and maintenance needs. Single source designation is required for Tacel Ltd. to ensure the supply and delivery of the required equipment, on an as needed basis, for the 2-year period ending December 31, 2022.

Attachments

Appendix 1: Scope of Work



Geoff Wright, P.Eng, MBA, Commissioner of Transportation and Works

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