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<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON JANUARY 6, 2015</b>
<b>FROM:</b>	<b>JOHN BRAAM, P. ENG. MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES AND CITY ENGINEER</b>
<b>SUBJECT</b>	<b>ACCESSIBLE PEDESTRAIN SIGNALS SINGLE SOURCE</b>

<b>RECOMMENDATION</b>
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That on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer:

- a) Approval **BE GIVEN** to enter into negotiations for the purchase of Accessible Pedestrian Signal Equipment for a 3-year period with Tacel Ltd., 179 Bartley Dr., Unit B, Toronto, ON M4A 1E8 in accordance with the 'Procurement of Goods and Services Policy' Section 14.4 Single Source, Clauses d and e.
- b) The Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this contract; and
- c) Approval hereby given **BE CONDITIONAL** upon the Corporation negotiating satisfactory prices, terms and conditions with Tacel Ltd. to the satisfaction of the Managing Director, Environmental & Engineering Services and City Engineer or designate; and
- d) Approval hereby given **BE CONDITIONAL** upon the Corporation entering into a formal contract or having a purchase order relating to the subject matter of this approval.

<b>PREVIOUS REPORTS PERTINENT TO THIS MATTER</b>
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For additional information, please refer to the following committee reports:

- 1. September 27<sup>th</sup>, 2010: Environment and Transportation Committee "Accessible Pedestrian Signals (APS) and Countdown Pedestrian Signals (CPS); and
- 2. May 2<sup>nd</sup>, 2011: Built and Natural Environment: Accessible Pedestrian Signals – Single Source"

<b>BACKGROUND</b>
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Accessible pedestrian signals (APS) assist pedestrians with vision loss by providing locator sounds so that they can find the push button. The APS further assists by providing an audible indication that acts in conjunction with the "walk" signal. During the intersection's walk phase the APS emits a "cuckoo" sound for east-west crossings and a "Canadian AP melody" for the north-south crossings.

APS equipment was first installed at the intersection of Grand Avenue and Ridout Street North in 2003 and to date APS equipment has been installed at 86 intersections. A number of different products have been reviewed and the City has adopted the Polar Navigator equipment for use which has addressed the concerns that were generated with the other equipment. Tacel Ltd. is the only Canadian supplier of the Polar Navigator; therefore, a single source contract is recommended.

The Polar Navigator equipment has an integrated speaker/button so that the sound is kept at sidewalk level. The equipment can also be configured to adjust the volume of the



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sound based on the ambient noise which has further mitigated concerns from residents. In addition to being a reliable product the use of a single APS equipment provides a consistent message to users so that each intersection operates the same. Utilizing a single source for APS equipment also reduces maintenance costs since technicians can be trained on the repair of one piece of equipment and it reduces the number of spare parts that must be kept in inventory. It should be noted that the Polar Navigator meets the Accessibility for Ontarians with Disabilities Act (AODA) requirements.

In 2011, the City entered into a single source contract with Tacel Ltd. for the supply of APS equipment for three years. Tacel Ltd. has provided good service to the City; therefore, it is recommended that the City enter into another three year contract. The estimated annual purchase of APS equipment is \$150,000. Funding for the APS equipment is provided in the Capital Budget.

This recommendation is in compliance with the 'Procurement of Goods and Services Policy' Section 14.4 Single Source, Clauses d and e.

**ACKNOWLEDGEMENT:**

This report was prepared with the assistance of John Freeman, Manager - Purchasing and Supply.

<b>PREPARED BY:</b>	<b>REVIEWED &amp; CONCURRED BY:</b>
<b>SHANE MAGUIRE, P. ENG. DIVISION MANAGER ROADWAY LIGHTING &amp; TRAFFIC CONTROL</b>	<b>EDWARD SOLDI, P.ENG. DIRECTOR, ROADS AND TRANSPORTATION</b>
<b>RECOMMENDED BY:</b>	
<b>JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES AND CITY ENGINEER</b>	

December 10, 2014

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