



<b>TO:</b>	<b>CHAIR AND MEMBERS PLANNING &amp; ENVIRONMENT COMMITTEE MONDAY, AUGUST 20, 2012</b>
<b>FROM:</b>	<b>JOHN FLEMING MANAGING DIRECTOR, PLANNING AND CITY PLANNER</b>
<b>SUBJECT</b>	<b>TENDER 12-90 KING STREET &amp; TALBOT STREET SILVA CELL TREE PLANTING PROJECT</b>

<b>RECOMMENDATION</b>
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That on the recommendation of the Managing Director, Planning and City Planner:

1. The tender submitted by Ro-Buck Contracting, 2326 Fanshawe Park Road, East, London, Ontario N5X 4A2 at their contract price of \$154,239.80, including 10% contingency, (HST extra) **BE ACCEPTED**, it being noted that Ro-Buck Contracting submitted the lowest bid and meets the City's terms and conditions;
2. That the funding for this project **BE APPROVED** as set out in the Source of Financing Report attached hereto as Appendix "A";
3. Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this purchase; and
4. Approval hereby given **BE CONDITIONAL** upon the Corporation entering into a formal contract or having a purchase order, or contract record relating to the subject matter of this approval.

<b>BACKGROUND</b>
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**Purchasing Process**

Three (3) bids were received as a result of the tender call August 2, 2012. The submissions were reviewed by staff from Purchasing and Supply and Urban Forestry to ensure compliance with the specifications. Ro-Buck Contracting submitted the lowest price for the project and meets all of the terms, conditions and specifications outlined in T12-90.

A summary of bids is attached as Appendix "B".

**Financial Impact**

Funding for this project is available in Capital Account GG1312-04.

**Background**

Trees are a vital component of a healthy urban environment. They provide numerous benefits such as:

- Environmental benefits - noise and air pollution control, wind and ultra violet light protection, reduced heat island effects and greater longevity of concrete and asphalt;
- Social benefits - softening the urban structures, adding a distinct character and sense of place, and providing shade for relief from high temperatures;
- Economic benefits - reducing energy costs, increasing property values and promoting prosperity;
- Business District improvement benefits – improved business district perceptions, positive judgments of visual quality, increased number of shoppers, people willing to pay more for products in districts with trees.

Most of these benefits are only attainable by allowing trees to reach a mature size. In order to reach a size where the benefits are realized, we have to provide the trees with all of the requirements they need to grow and the primary one is the availability of un-compacted soil.

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**Background...cont'd**

Urban Forestry is planning to use Silva cells to promote the growth of large trees in areas where we have high pedestrian traffic. Silva cells create supported rooting zones filled with soil over which traditional pedestrian sidewalk surfaces may be installed without compacting the soil. Trees planted in Silva cells should grow for 50 - 60 years and reach a mature size. This will provide the maximum tree benefits to the urban area without removing any of the pedestrian traffic flow area on the boulevard. Silva cells are currently being used at hundreds of sites throughout North America and Europe including the 2010 Vancouver Winter Olympic Games Athlete's Village and the Toronto Harbour Front reconstruction. This project will also be showcased with a field visit, at the Canadian Urban Forest Conference on Tuesday, October 2, 2012.

This project is in support of the World Figure Skating Championships and Mainstreet London's priorities for downtown urban treescapes. Urban Forestry has picked a site on King Street in front of the Covent Garden Market to be the first site to receive this new technology to bring long lived trees to the Downtown boulevard. This will provide long term shading and benefits to a high profile meeting destination within the City's Downtown core. In addition, we are planning to replant Talbot Street between King Street and York Street with traditional pits, modified to be twice as long, to replace Ash trees that were removed due to Emerald Ash Borer but with the expectation that these trees will be removed and replaced with the Silva cell system when Talbot Street is reconstructed in approximately six years.

**Acknowledgements**

This report was prepared by Rick Postma, Parks Project Co-ordinator and Terri Sue Wyatt, Procurement Officer.

<b>SUBMITTED BY:</b>	<b>RECOMMENDED BY:</b>
<b>IVAN LISTAR, R.P.F. MANAGER, URBAN FORESTRY</b>	<b>JOHN FLEMING MANAGING DIRECTOR PLANNING AND CITY PLANNER</b>
<b>REVIEWED AND CONCURRED BY:</b>	
<b>MIKE TURNER DEPUTY CITY TREASURER</b>	

**APPENDIX 'B'**

**Summary of Bids Received for T12-90 King Street & Talbot Street Silva Cell Project**

	<b>Ro-Buck Contracting 2326 Fanshawe Park E. London, ON N5X 4A2</b>	<b>Groundmasters Inc. 1018 Cherryhaven Dr. London, ON N6K 5A6</b>	<b>PLS Landscaping &amp; Excavation 1124 Gainsborough Rd. London, ON N6H 5N1</b>
<b>Part A</b>	107,475.00	139,590.00	212,188.00
<b>Part B</b>	32,743.00	30,660.00	47,872.00
<b>Sub-Total</b>	140,218.00	170,250.00	260,060.00
<b>10% Contingency</b>	14,021.80	17,025.00	26,006.00
<b>HST</b>	20,051.17	24,345.75	37,189.00
<b>TOTAL</b>	<b>\$ 174,290.97</b>	<b>\$ 211,620.75</b>	<b>\$ 323,255.00</b>
<b>Payment Terms</b>	N/30	N/30	N/30

APPENDIX 'A'

#12125

Chair and Members  
 Planning & Environmental Committee

August 10, 2012  
 (Award Contract)

**RE: King Street & Talbot Street - Silva Cell Tree Planting Project**  
**Capital Project GG1312-04 - Tree Purchase & Installation - Skate Canada**  
**Ro-Buck Contracting - \$154,239.80 (excluding H.S.T.)**

**FINANCE DEPARTMENT REPORT ON THE SOURCES OF FINANCING:**

Finance Department confirms that the cost of this project can be accommodated within the financing available for it in the Capital Works Budget and that, subject to the adoption of the recommendation of the Managing Director, Planning and City Planner, the detailed source of financing for this project is:

<u>ESTIMATED EXPENDITURES</u>	<u>Approved Budget</u>	<u>Committed To Date</u>	<u>This Submission</u>	<u>Balance For Future Work</u>
Engineering	\$50,000	\$44,123		\$5,877
Construction	350,000		156,954	193,046
<b>NET ESTIMATED EXPENDITURES</b>	<b><u>\$400,000</u></b>	<b><u>\$44,123</u></b>	<b><u>\$156,954</u></b> 1)	<b><u>\$198,923</u></b>
<b><u>SUMMARY OF FINANCING:</u></b>				
Capital Levy	\$400,000	\$44,123	\$156,954	\$198,923
<b>TOTAL FINANCING</b>	<b><u>\$400,000</u></b>	<b><u>\$44,123</u></b>	<b><u>\$156,954</u></b>	<b><u>\$198,923</u></b>

1) **Financial Note:**

Contract Price	\$154,240
Add: HST @13%	20,051
Total Contract Price Including Taxes	<u>174,291</u>
Less: HST Rebate	17,337
Net Contract Price	<u>\$156,954</u>

JG



Alan Dunbar  
 Manager of Financial Planning & Policy