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<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON FEBRUARY 25, 2013</b>
<b>FROM:</b>	<b>EDWARD SOLDO, P.ENG. DIRECTOR ROADS AND TRANSPORTATION ENVIRONMENTAL AND ENGINEERING SERVICES</b>
<b>SUBJECT:</b>	<b>APPOINTMENT OF CONSULTANT FOR THE RELOCATION AND CONSTRUCTION OF BRANCH 'B' OF THE AVENUE MUNICIPAL DRAIN ES 4825-11</b>

<b>RECOMMENDATION</b>
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That, on the recommendation of the Director, Roads and Transportation, the following action **BE TAKEN** with respect to the appointment of a consultant for the relocation and construction of Branch 'B' of the Avenue Municipal Drain, in accordance with the Drainage Act;

- (a) Spriet Associates London Limited, 155 York Street, London, Ontario, Canada N6A 1A8 **BE APPOINTED** Consulting Engineers for the design and construction of Branch 'B' of the Avenue Municipal Drain in the amount of \$17,820.00, excluding HST, in accordance with Section 15, Clause 15.2(d) of the Procurement of Goods and Services Policy;
- (b) the financing for this work **BE APPROVED** as set out in the Sources of Financing Report attached hereto as Appendix "A";
- (c) the consulting fees for the project identified in (a) above, **BE IN ACCORDANCE** with the estimate on file, which are based upon the Fee Guideline for Professional Engineering Services, 2006, recommended by the Ontario Society of Professional Engineers;
- (d) the approvals given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract with the consultant for the work; and
- (e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

<b>PREVIOUS REPORTS PERTINENT TO THIS MATTER</b>
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None

<b>BACKGROUND</b>
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**Purpose:**

This report recommends the appointment of a consultant to provide engineering services to undertake the relocation and reconstruction of the existing branch 'B' drain of the Avenue Municipal Drain.

The location of the drain is shown in Appendix 'B'.

The proposed work was initiated by a petition from the affected property owners. They represent sufficient property owners of the area lying within the watershed requiring the drainage works relocation and have signed a "Petition for Drainage Works by Owners" under the Drainage Act.

**Context:**

The Avenue Municipal Drain is tributary to Dingman Creek east of Wellington Road and South of Dingman Drive. The Avenue Municipal Drain was originally constructed in 1981. Branch 'B' is a subsurface section consisting of approximately 370 meters of 250 mm diameter concrete tile.

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The relocation of the existing Branch 'B' of the Avenue Municipal Drain is required to facilitate developments in this area.

A field investigation was conducted to determine what modifications to the drain were required to facilitate development while maintaining a sufficient outlet for the watershed of Branch 'B'. As a result of this investigation, a petition for drainage improvements was initiated.

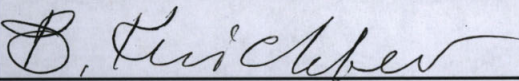
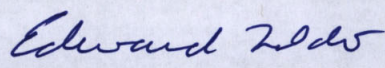
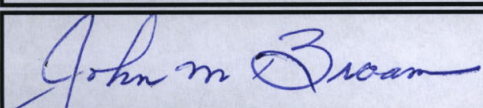
The necessary Scope of Work is included in the consultant's work program. Based on past experience, demonstrated expertise and knowledge of drainage issues and process, Spriet Associates London Limited are recommended for this assignment as per the Procurement of Goods and Services Policy.

**Conclusions:**

This report recommends Spriet Associates London Limited be retained as the consultant to prepare a new drainage report for the relocation and reconstruction of the existing Branch 'B' drain of the Avenue Municipal Drain under the Drainage Act. This ensures access to provincial grants from the Ministry of Agriculture and Food and Rural Affairs, which presently contributes one-third of the total gross costs assessed to agricultural lands. The drain, when relocated and reconstructed, will provide an improved outlet and benefit to the lands within the watershed.

**Acknowledgements:**

This report was prepared by Don Simpson, Drainage Superintendent, within the Environmental and Engineering Services Department, Stormwater Management Unit.

<b>SUBMITTED BY:</b>	<b>RECOMMENDED BY:</b>
	
<b>BERTA KRICKER, M.Eng., F.E.C., P. Eng. MANAGER OF STORMWATER STORMWATER MANAGEMENT UNIT</b>	<b>EDWARD SOLDO, P.ENG. DIRECTOR, ROADS AND TRANSPORTATION</b>
<b>REVIEWED &amp; CONCURRED BY:</b>	
	
<b>JOHN BRAAM, P.ENG. MANAGING DIRECTOR ENVIRONMENTAL AND ENGINEERING SERVICES &amp; CITY ENGINEER</b>	

February 5, 2013

Attach: Appendix "A" – Sources of Financing  
Appendix "B" – Location Map

C.c. John Freeman – Manager, Purchasing and Supply  
Pat Shack – Budget Analyst  
Margo Perkowska – Local Improvement & Assessment Analyst

Chair and Members  
Civic Works Committee

February 14, 2013  
(Appoint Consulting Engineer)

RE: The Relocation and Construction of Branch 'B' of the Avenue Municipal Drain  
Capital Project ES4825-11 - 2011 Municipal Drains  
Spriet Associates London Limited - \$17,820.00 (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 recommendations of the Director, Roads & Transportation, 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	\$255,754	\$44,215	\$18,134	\$193,405
Construction	687,319	81,300		606,019
<b>NET ESTIMATED EXPENDITURES</b>	<b>\$943,073</b>	<b>\$125,515</b>	<b>\$18,134</b> <sup>1)</sup>	<b>\$799,424</b>

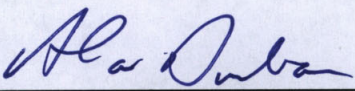
<u>SOURCE OF FINANCING:</u>					
Capital Sewer Rates	2)	\$388,757	\$53,134	\$18,134	\$317,489
Provincial Subsidy - Min. of Ag. & Food		82,316			82,316
Abutting Owners Share		472,000	72,381		399,619
<b>TOTAL FINANCING</b>		<b>\$943,073</b>	<b>\$125,515</b>	<b>\$18,134</b>	<b>\$799,424</b>

**Financial Note:**

1) Contract Price	\$17,820
Add: HST @13%	2,317
Total Contract Price Including Taxes	20,137
Less: HST Rebate	2,003
Net Contract Price	<u>\$18,134</u>

- 2) The final funding mix for this project will be determined and finalized after the award of contract for the relocation and construction of Branch 'B' of the Avenue Municipal Drain is known.

JG

  
Alan Dunbar  
Manager of Financial Planning & Policy

APPENDIX "B"

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