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TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON JULY 17, 2012
FROM:	JOHN BRAAM, P. ENG. ACTING EXECUTIVE DIRECTOR, PLANNING, ENVIRONMENTAL & ENGINEERING SERVICES DEPARTMENT & CITY ENGINEER
SUBJECT	CONTRACT AWARD FOR CLARE BRIDGE (4-BR-04) REPLACEMENT TENDER 12-43

RECOMMENDATION

That on the recommendation of the Acting Executive Director, Planning & Environmental and Engineering Services Department & City Engineer the following actions **BE TAKEN** with respect to the award of a contract for the Clare Bridge Replacement Project (TS 1212):

- (a) the bid submitted by Bre-Ex Ltd, 247 Exeter Rd, London, ON N6L 1A5, at its corrected tendered price of \$913,952.17 (excluding H.S.T.), for the Clare Bridge Replacement Project, **BE ACCEPTED**, it being noted that this bid was the lowest of nine (9) bids received and meets the City's specifications and requirements in all areas; and it being further noted that there is no anticipated additional operating costs to the Planning, Environmental and Engineering Services Department Operating Budget in 2013 and subsequent years associated with approval of this tender;
- (b) the financing for this project **BE APPROVED** as set out in the Source of Financing Report attached hereto as Appendix 'A';
- (c) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this project;
- (d) the approval given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract or issuing a purchase order for the material to be supplied and the work to be done relating to this project (Tender 12-43); and
- (e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

PREVIOUS REPORTS PERTINENT TO THIS MATTER
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- September 12, 2005, Environment and Transportation Committee – Delegation presentation
- October 17, 2005, Environment and Transportation Committee – Old Victoria Road Bridge
- January 25, 2010, Environment and Transportation Committee Report – Old Victoria Road Bridge Replacement – Business Case Assessment
- November 14, 2011, Built & Natural Environment Committee Report – Clare Bridge (4-BR-04) Replacement – Environmental Assessment

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BACKGROUND

Purpose:

This report recommends award of a tender to a contractor for the Clare Bridge Replacement Project in the City of London.

Discussion:

Clare Bridge (Old Victoria Road, north of Dingman Drive, Structure No. 4-BR-04), provides a connecting link over the Dingman Creek for the predominantly agricultural community in the area. The original structure (constructed in the 1920's) failed in the late 1990's and the existing temporary Bailey Bridge was installed in 1999 with a ten (10) tonne load limitation imposed, to maintain this corridor until a replacement structure could be constructed. The current Bailey Bridge has also experienced a number of failures through the ensuing years resulting in closures and escalating costs for repairs. When this structure is closed for repairs, the local farmers are forced to take alternative longer routes with their agricultural equipment on the neighbouring high speed roads like Highbury Avenue.

A Business Case study was completed in 2010, followed by an Environmental Assessment (EA) completed in 2011. While this area is still predominantly agricultural, with interchange improvements along Hwy 401 and proposed redevelopment of the southern corridor along HWY 401, this area has the potential to grow significantly in the future. The EA recommended the removal of the existing structure, and the installation of a new pre-cast concrete arch type culvert. The recommended design for the Clare Bridge replacement incorporates a number of features. They include:

- no restrictions for heavy or wide farm vehicles;
- road profile and intersection improvements;
- drainage improvements; and,
- design elements that can be easily modified in the future to accommodate a wider road width as re-development of the area progresses.

The work will generally include the removal of the existing bridge, substructure, abutments and footings, construction of new footings and retaining walls, installation of the pre-cast arch type culvert elements, construction of retaining walls, re-profiling of Old Victoria Road and Dingman Drive within approximately 200m of the intersection, including repaving, along with installation of steel beam guide rail. Construction is expected to begin in late July or early August with the work anticipated to be completed in three (3) months.

Due to the scope of work, Old Victoria Road will be closed from approximately 200m north of the bridge to Dingman Drive for the duration of the work. Dingman Drive, approximately 150m east and west of Old Victoria Rd, and Old Victoria Road, approximately 150m south of Dingman Drive will be closed for approximately eight (8) weeks while the road profile is raised, re-graded, and repaved. Notification letters regarding this pending closure were sent to the surrounding neighbours in February, 2011. Due to the location of this structure, detour routes to be established for the road closures will extend into the Municipality of Thames Centre and County of Middlesex. The proposed detour routes were circulated for review to both municipalities and acceptance was received. As the Contractor's schedule and work plan finalizes, a second notification letter will be sent to the neighbours, along with notification of this project to the school bus operators, Canada Post, and Solid Waste (garbage and recycling) so they can make appropriate plans for their business.

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Tender Summary:

Tenders for the Clare Bridge Replacement Project (Tender 12-43) were opened on June 13, 2012. Nine (9) contractors submitted tender prices as listed below (exclusive of H.S.T.).

CONTRACTORS		CONTRACT PRICE (SUBMITTED)	CORRECTED CONTRACT PRICE
1.	Bre-Ex Ltd.	913,452.17	913,952.17
2.	Omega Contractors Inc.	982,228.26	1,023,717.38
3.	L-82 Construction Ltd.	1,043,530.75	--
4.	Aar-Con Excavating	1,090,916.11	--
5.	SLR Contracting Group Inc.	1,128,318.58	--
6.	Birnam Excavating Ltd.	1,181,769.14	--
7.	Cope Construction & Contracting Inc.	1,432,972.00	1,433,120.30
8.	Amico Design Build Inc.	1,481,615.50	--
9.	Facca Incorporated	1,505,000.00	--

All tenders have been checked by our consultant (Stantec Consulting) and the Transportation Planning and Design Division, Planning, Environmental and Engineering Services Department. The review revealed the tenders submitted by Bre-Ex Ltd., Omega Contractors Inc., and Cope Construction & Contracting Inc. each contained a calculation error resulting in a corrected Contract Price as noted above, but they did not change the relative ranking.

The tender estimate just prior to tender opening was \$1,400,000.00 (exclusive of H.S.T.). All tenders include a contingency allowance of \$100,000.00 (exclusive of H.S.T.). Therefore, tendering results are favorable to the City compared to the engineers estimate.

The project engineering consultant, Stantec Consulting Ltd., recommends that the contract for the Clare Bridge Replacement Project be awarded to Bre-Ex Ltd. based on their review of the tenders submitted and contractors' references.

There are no anticipated additional annual operating costs to the Planning, Environmental and Engineering Services Department budget in 2013 and subsequent years associated with the approval of this tender.

Conclusion:

Clare Bridge is an important structure to the agricultural community in South-east London.

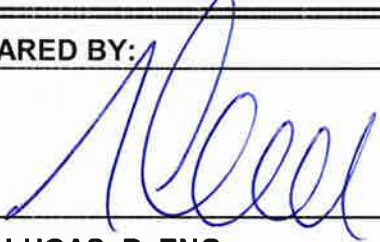

The replacement of the existing temporary structure has been confirmed through an Environmental Assessment study, and the design has been tendered.

The low bid Bre-Ex Ltd. is recommended to be awarded the contract.

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Acknowledgements:

This report was prepared by a team within the Planning, Environmental and Engineering Services Department comprising of Jane Fullick, Technologist II and Karl Grabowski, Transportation Design Engineer of the Transportation Planning and Design Division.

PREPARED BY:	RECOMMENDED BY:
	
JOHN LUCAS, P. ENG. DIVISION MANAGER TRANSPORTATION PLANNING & DESIGN DIVISION	JOHN BRAAM, P. ENG. ACTING EXECUTIVE DIRECTOR, PLANNING, ENVIRONMENTAL & ENGINEERING SERVICES DEPARTMENT & CITY ENGINEER

June 21, 2012

KPG/jef

Attachment: Appendix 'A' – Source of Financing

- cc Administrative Services
- Isaac Bartlett, Stantec Consulting
- Bre-Ex Ltd, 247 Exeter Rd, London, ON N6L 1A5
- Omega Contractors Inc., 4104 Breck Ave., London, ON
- L-82 Construction Ltd., 2070 Huron St., Suite A, London, ON N5V 5A7
- Aar-Con Excavating, 10988 Longwoods Rd., Delaware ON, N0L 1E0
- SLR Contracting Group Inc., 6260 Westar Dr., Windsor ON, N9J 3W3
- Birnam Excavating Ltd., 7046 Nauvoo Rd., Warwick Township, ON N0N 1J4
- Cope Construction, 120 Scott Rd., P.O. Box 430, Sarnia, ON, N7J 7J2
- Amico Design Build Inc., 2199 Blackacre Drive, Oldcastle ON, N0R 1L0
- Facca Incorporated, 2097 County Road 31, R.R #1, Ruscom, ON N0R 1R0

APPENDIX 'A'

#12108

Chair and Members
Civic Works Committee

July 6, 2012
(Award Contract)

RE: Clare Bridge Replacement Project
Capital Project TS1212 - Clare Bridge (Old Victoria Rd Over Dingman Creek)
Bre-Ex Ltd. - \$913,952.17 (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 Budgets and that, subject to the adoption of the recommendation of the Acting Executive Director, Planning, Environmental & Engineering Services Department & City Engineer, 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	230,000	97,160		132,840
Construction	1,075,000	0	930,038	144,962
Land Acquisition	1,000	504		496
City Related Expenses	24,000	0		24,000
NET ESTIMATED EXPENDITURES	<u>\$1,330,000</u>	<u>\$97,664</u>	<u>\$930,038</u> 1)	<u>\$302,298</u>

<u>SUMMARY OF FINANCING:</u>				
Capital Levy	330,000	97,664	232,336	0
Debenture Quota	2) 1,000,000		697,702	302,298
TOTAL FINANCING	<u>\$1,330,000</u>	<u>\$97,664</u>	<u>\$930,038</u>	<u>\$302,298</u>

1) **Financial Note:**

	<u>Total</u>
Contract Price	\$913,952
Add: HST @13%	118,814
Total Contract Price Including Taxes	1,032,766
Less: HST Rebate	102,728
Net Contract Price	<u>\$930,038</u>

2) **NOTE TO CITY CLERK:**

Administration hereby certifies that the estimated amounts payable in respect of this project does not exceed the annual financial debt and obligation limit for the Municipality of Municipal Affairs in accordance with the provisions of Ontario Regulation 403/02 made under the Municipal Act, and accordingly the City Clerk is hereby requested to prepare and introduce the necessary authorizing by-laws.

An authorizing by-law should be drafted to secure debenture financing for Project TS1212 - Clare Bridge (Old Victoria Road Over Dingman Creek) for the net amount to be debentured of \$1,000,000.

3) There are no anticipated additional annual operating costs to the Planning, Environmental and Engineering Services budget in 2013 and subsequent years associated with the approval of this tender.

EH



Alan Dunbar

Manager of Financial Planning & Policy