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| TO: | CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON APRIL 7, 2014 |
| FROM: | JOHN BRAAM, P. ENG. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER |
| SUBJECT: | CONTRACT AWARD: TENDER NO. 14-28 2014 ARTERIAL ROAD REHABILITATION |

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| RECOMMENDATION |
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That on the recommendation of the Managing Director, Environmental & Engineering Services & City Engineer, the following actions **BE TAKEN** with respect to the award of a contract for the 2014 Arterial Road Rehabilitation (TS1446-14):

- (a) the bid submitted by Coco Paving Inc. 1865 Clarke Road, London ON N5X 3Z6, at its submitted tendered price of \$3,937,000.00 (excluding H.S.T.), for the 2014 Arterial Road Rehabilitation, **BE ACCEPTED**, it being pointed out that the bid submitted by Coco Paving Inc. was the lowest of two (2) 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 Environmental and Engineering Services budget in 2014 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 14-28); and,
- (e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

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| BACKGROUND |
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Purpose

This report recommends the award of a tender related to the construction contract for the rehabilitation/resurfacing of major roads in the City of London.

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| DISCUSSION |
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The City of London is responsible for a transportation system that promotes the movement of goods and services and strengthens our economic growth. The road network provides mobility choices for residents that improve our quality of life. Good roads promote business, create employment, provide social opportunities, improve emergency response and create markets.

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The City of London has a comprehensive pavement management system that monitors and renews roads in the most cost-effective manner possible and forms a part of the broader Corporate Asset Management Strategy. The annual Life Cycle program to repair and resurface main roads (arterial, primary collectors, expressways and freeways) ensures that our roads remain safe and in good repair.

This 2014 Arterial Road Rehabilitation contract includes the road segments listed below. The roadways will be undergoing pavement rehabilitation processes such as asphalt mat replacement, mill & pave or expanded asphalt with overlay using funding from the approved 2014 Road Rehabilitation budget with the exceptions noted:

| | <u>Location:</u> | <u>From / To:</u> |
|----|---------------------------------|--|
| A. | Oxford St. West | Woodward Avenue/Platt's Lane to west of Proudfoot Lane |
| B. | Wellington Rd. | South side of Commissioners Road intersection to north side of Southdale Road intersection – southbound lanes only |
| C. | Wharnccliffe Rd. | Elmwood Avenue to Springbank Drive |
| D. | Wharnccliffe Rd. S. | Campbell Street to Exeter Road/Bostwick Road |
| E. | York St. | Richmond Street to the bridge over South Thames River, including <u>Talbot Street</u> from York Street south to the CN Rail line |
| F. | VMP Trial Sections | 100 m sections to be located between Trafalgar Street and Gore Road in both north and southbound lanes |
| G. | Traffic Calming | Speed cushion installations at various locations determined by the Traffic Calming Program |
| H. | Pavement Marking for Bike Lanes | Elmwood Avenue / Bruce Street |

Notes:

- E. To reduce the road user impacts on York Street, London Hydro work has been included with this project. Funding for London Hydro work will be provided by London Hydro upon completion.
- F. The Veterans Memorial Parkway (VMP) trial sections refers to trials of a pavement rehabilitation process that is being considered for greater lengths of the road in the future. The performance of the trials will be monitored in the coming years to improve asset management decision making in the future.
- G. Funding for Traffic Calming works identified in Section G is being provided by TS4058.
- H. Funding of the Pavement Markings for Bike Lanes identified in Section H is being provided by TS1739-13.
- The existing traffic signal and street light infrastructure is being upgraded where possible in multiple locations throughout the contract. Funding for this work is being provided from Traffic Signal Maintenance accounts TS4067-14 & TS5123-12.

An essential part of the project will be communication with residents and/or businesses along each road segment regarding schedule, duration and expected impacts, and to introduce key project members from the contractor and the City. In general, impacts on the community and through traffic will be short in duration.

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This is one of several contracts through which the major road network is renewed. A second 2014 major road rehabilitation contract is being prepared. Pavement renewal also occurs in a coordinated manner through the infrastructure renewal contracts that include water and sewer needs.

Tender Summary

Tenders for the 2014 Arterial Road Rehabilitation Tender 14-28) were opened on Wednesday, March 5, 2014. Two (2) contractors submitted tenders prices as listed below (exclusive of H.S.T.).

| CONTRACTOR | | TENDER PRICE (SUBMITTED) | CORRECTED TENDER PRICE |
|------------|-------------------------------|--------------------------|------------------------|
| 1. | Coco Paving Inc. | \$ 3,937,000.00 | --- |
| 2. | Dufferin Construction Company | \$ 4,050,492.50 | --- |

All tenders have been checked by the Environmental and Engineering Services Department, and no errors were found.

The tender estimate just prior to tender opening was \$4,367,533.73 (exclusive of H.S.T.), and was based on values submitted in prior years. All tenders include a contingency allowance of \$440,000.00 (exclusive of H.S.T.).

These tenders are an indication of a very competitive environment, and it illustrates the benefit of tendering projects early in the construction season.

There are no anticipated additional annual operating costs to the Environmental and Engineering Services Department associated with the approval of this tender.

Contract administration and onsite inspection services will be provided by City staff, primarily from the Construction Administration Division.

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| CONCLUSION |
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Civic Administration have reviewed the tender bids and recommend that Coco Paving Inc. be awarded this 2014 Arterial Road Rehabilitation Project in the amount of \$3,937,000.00 (excluding H.S.T.). Upon Council approval and contract award, staff will confirm a schedule with the contractor and initiate a communication program for the various construction locations.

Every effort is being made to ensure Londoners are aware of construction zones and traffic detours resulting from road work. Daily updates are provided through the City’s website, www.london.ca/construction with information about road closures and ongoing and upcoming projects on city streets.

The social impact is being mitigated through coordination and communication. The specific communication strategies include:

- 2014 construction program media release;
- Social media (Facebook and Twitter); and
- Renew London website (project updates, daily email to media and emergency services);

Residents are encouraged to minimize their impact by:

- Planning their commutes, using alternative routes;
- Utilize transit (www.ltconline.ca), car pool, ride your bike or walk; for assistance in finding a carpool, please visit www.londoncarpools.ca;
- Adjusting their travel times to avoid peak travel times.

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Acknowledgements:

This report was prepared with assistance from Jane Fullick, C.E.T., Technologist II, Karl Grabowski, P. Eng., Transportation Design Engineer, both of the Transportation Planning and Design Division.

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| PREPARED BY: | REVIEWED BY: |
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| DOUG MACRAE, P. ENG. DIVISION MANAGER TRANSPORTATION PLANNING & DESIGN | EDWARD SOLDO, P. ENG. DIRECTOR, ROADS AND TRANSPORTATION |
| RECOMMENDED BY: | |
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| JOHN BRAAM, P. ENG. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER | |

KPG/jef

Attachment: Appendix 'A' – Source of Financing

- cc:
- P. Shack
 - M. Sememiuk
 - J. Lawrence, Construction Admin Division
 - J. MacPherson, London Hydro
 - Coco Paving Inc, 1865 Clarke Road, London, ON, N5X 3Z6
 - Dufferin Construction Company, 2200 Jetstream Rd, PO Box 189, London, ON, N6A 4V7