

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MARCH 27, 2017
FROM:	KELLY SCHERR, P. ENG, MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT:	CONTRACT AWARD: TENDER NO. 17-23 VETERANS MEMORIAL PARKWAY RESURFACING GORE ROAD TO OXFORD STREET EAST

RECOMMENDATION

That on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer the following actions **BE TAKEN** with respect to the award of a contract for the Veterans Memorial Parkway Resurfacing, Gore Road and Oxford Street East:

- (a) the bid submitted by Coco Paving Inc. (London) at its submitted tendered price of \$5,738,000 (excluding HST), for the said project **BE ACCEPTED**; it being noted that the bid submitted by Coco Paving Inc. (London) was the lowest of two bids received and meets the City's specifications and requirements in all areas;
- (b) Parsons Inc., **BE AUTHORIZED** to carry out the resident inspection, contract administration of the said project in the amount of \$314,787 (excluding HST), in accordance with Section 15.2 (g) of the Procurement of Goods and Services Policy;
- (c) the financing for this project **BE APPROVED** as set out in the Sources of Financing Report attached hereto as Appendix A;
- (d) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this project;
- (e) the approval given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract for the material to be supplied and the work to be done relating to this project (Tender 17-23); and,
- (f) 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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- Civic Works Committee - October 6, 2015 – Veterans Memorial Parkway Pavement Rehabilitation, Appointment of Survey Consultant.
- Civic Works Committee – March 29, 2016 – Contract Award: Tender No. 16-14

Veterans Memorial Parkway Resurfacing.

- Civic Works Committee – January 10, 2014 – 2017 Renew London Infrastructure Construction Program

2015-19 STRATEGIC PLAN

The following report supports the Strategic Plan through the strategic focus area of Building a Sustainable City by addressing and managing the infrastructure gap. The project provides an important asset management transportation network improvement.

BACKGROUND

Purpose

This report recommends the award of a construction tender to a contractor and the continuation of engineering consulting services for the Veterans Memorial Parkway (VMP) Resurfacing, Gore Road to Oxford Street East project.

Context

VMP, formerly known as Airport Road and Highway 100, is classified as an expressway within the City of London and currently stretches up the east side of the City from Highway 401 to Huron Street. VMP is an important economic corridor linking key industrial areas and the London International Airport to the city and the provincial highway network. Current daily traffic levels range from 14,000 to 26,000 vehicles per day of which 8 to 15% are large heavy trucks. Construction is currently underway to extend the VMP south of Highway 401 to Wilton Grove Road and plans are also developing which will extend the VMP north-westerly from Huron Street to Clarke Road increasing the functionality of this corridor along the City's eastern limits.

Given the VMP road classification, traffic volumes and design speeds, the pavement condition needs to be actively management. The asphalt condition of this roadway has deteriorated to the point that now is the time for a strategic infrastructure investment.

DISCUSSION

Background

The existing southbound lanes of the VMP were originally constructed by the Ministry of Transportation in 1978 when it was a two lane roadway. The City widened the road with the addition of the northbound lanes in 2005. This work also included the rehabilitation of the original lanes.

The City actively manages its assets using comprehensive asset management tools. In particular, the City's Pavement Management System monitors pavement conditions, predicts deterioration and establishes strategic rehabilitation programs using the available funding. Pavement condition and smoothness directly contributes to safe and efficient travel. The influence of pavement quality on the safety of drivers and exposure of maintenance crews increases on higher speed facilities like VMP.

In 2015, the pavement condition on the VMP between Highway 401 and Oxford Street was relatively consistent and was exhibiting extensive severe cracking. Various pavement rehabilitation strategies were considered, and it was determined that a complete asphalt replacement with a premium quality asphalt provided the best long-term value. A project was undertaken in 2016 for resurfacing from Highway 401 to north of Gore Road. This contract (T17-23) involves a complete replacement of the asphalt from the limits of last year's work north of Gore Road to north of Oxford Street.

The contract will also coordinate upgrades to some of the traffic signals including new pedestrian ramping at the intersections.

Construction Considerations

Traffic Staging

Due to the nature of the work and requirement for warmer temperatures, construction is anticipated to begin in mid-April, 2017 with the installation of temporary traffic signals and traffic crossovers. The bulk of the resurfacing work including existing asphalt removal, re-grading and placing new asphalt will be completed between early June and the end of August, with the removal of the temporary facilities being completed by the end of September, 2017. During the project, VMP will be reduced from four lanes to two lanes of traffic, with dedicated left hand turns being maintained at all signalized intersections. Traffic will be diverted to the southbound lanes, with one travel lane in each direction, while the work is completed on the northbound lanes and vice versa. Under the authority of the Subsections 128 (8.1) and (10) of the Highway Traffic Act, the VMP from Gore Road to Oxford Street East will be designated as an official construction zone and the speed limit will be reduced to 60 km/hr for the duration of the work. Some work at intersections or at the traffic crossover points may require weekend work, night work, consecutive shifts and/or the use of police services to control traffic. The intersections of Veteran's Memorial Parkway with Dundas Street East and Oxford Street East will be staged in a manner where they will remain open throughout the course of the construction.

This project is one of the major capital project identified in the 2017 Renew London Infrastructure Construction Program report to Civic Works Committee on January 10, 2017. 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, ongoing and upcoming projects on City streets.

Servicing of 2150 Oxford Street East

Dancor is purchasing a development property located on the north-east corner of VMP and Oxford Street East. Servicing connections for this property are directed to Oxford Street East, in close proximity to VMP. Dancor's anticipated development schedule would provide challenges for overlapping traffic control and management of vehicle movement through the VMP/Oxford intersection if both contractors were working in the area at the same time. This could also force the City into the "constructor" role under the Ontario Health and Safety Act.

In order to accommodate Dancor's schedule, the work required to service the development property was included in the tender with the VMP resurfacing work. Dancor's portion of the work is \$123,000 (plus HST). Dancor has agreed to provide payment to cover these costs before the work is completed.

Tender Summary

Tenders for the VMP Resurfacing Project were opened on Friday, February 17, 2017. Two contractors submitted tender prices as listed below (excluding HST).

	CONTRACTOR	TENDER PRICE SUBMITTED (\$)	CORRECTED TENDER PRICE (\$)
1.	Coco Paving Inc. (London)	5,738,000.00	---
2.	Dufferin Construction Company	6,300,285.90	---

All tenders have been checked by the Environmental and Engineering Services Department and Parsons Inc. All tenders submitted were free from errors. The results of the tendering process indicates a competitive process. Funds adequate for this award of this tender are identified in the capital budget.

The tender estimate prior to tender opening was approximately \$6,128,000 (excluding HST).

Consulting Services

In 2015, Parsons Inc. was initially selected to provide design services for the project. Parsons was selected from four consulting firms who were invited to submit competitive proposals for this project in accordance with Section 15.2 (d) of the Procurement of Goods and Services Policy. Based on the evaluation criteria and selection process, the evaluation committee concluded the proposal from Parsons Inc. provided the best value to the City. Civic Administration appointed Parsons Inc. as the consulting engineer for the detailed design and tendering of the project.

Parsons successfully completed the detailed design and tendering of the project. Due to the consultant's intimate knowledge and experience with this project, the consultant was requested to submit a proposal to carry out the contract administration and resident supervision. Staff have reviewed the fee submission in detail considering the hourly rates provided by each of the Consultant's staff members. City staff have confirmed that hourly rates are consistent with those submitted through competitive processes. City Staff also reviewed the time allocated to each project related task. The amount of time allocated to each project task is consistent with prior projects of a similar nature that have been awarded through a competitive process.

Parsons has satisfactorily completed a substantial part the project and is recommended for award of the balance of a project having satisfied all financial, reporting and other conditions required of the Policy. The continued use of Parsons Inc. on this project for these additional services is of financial advantage to the City due to the fact that this firm has specific knowledge of the project and has undertaken work for which duplication would be required if another firm were to be selected. Parsons is intimately familiar with the Occupational Health and Safety Act aspects of the contract.

The City's construction administration requirement for the creation of record drawings following construction necessitates the reviewing professional engineer seal the drawings on the basis of field verification and ongoing involvement. This requirement promotes consultant accountability for the design. Consequently, the continued use of Parsons Inc. who created and sealed the design drawings is required in order maintain this accountability process.

In accordance with Section 15.2 (g) of the Procurement of Goods and Services Policy, Civic Administration is recommending that Parsons Inc. be authorized to carry out engineering services related to construction administration of the project for a fee estimate of \$314,787 (excluding HST). These fees are associated with the inspection services necessary to ensure the City receives the construction product specified and value for the investment.

CONCLUSION

Civic Administration has reviewed the tender bids and recommends Coco Paving Inc. (London) be awarded the contract for the 2017 VMP Resurfacing Gore Road to Oxford Street East Project.

Parsons Inc. has demonstrated an understanding of the City requirements for this project and it is recommended that this firm continue as the consulting engineer for the purpose of 2017 contract administration and inspection services as it is in the best financial and technical interests of the City.

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

Acknowledgements

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

PREPARED BY:	REVIEWED & CONCURRED BY:
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Attach: Appendix A: - Source of Financing

- c. H. Huotari, Parsons Inc.
Coco Paving Inc. (London), 1865 Clarke Road, London, ON N5X 3Z6