

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MAY 15, 2018
FROM:	KELLY SCHERR, P.ENG, MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT:	CONTRACT AWARD: TENDER NO. T18-21 INFRASTRUCTURE RENEWAL PROJECT – CONTRACT 11 HAMILTON ROAD & SACKVILLE STREET

RECOMMENDATION

That on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer, the following actions **BE TAKEN** with respect to the Main Street Infrastructure Lifecycle Renewal project:

- (a) The bid submitted by Omega Contractors Inc. at its corrected tendered price of \$4,145,616.26 (excluding HST), **BE ACCEPTED**; it being noted that the bid submitted by Omega Contractors Inc. was the lowest of six bids received and meets the City's specifications and requirements in all areas;
- (b) IBI Group Inc., **BE AUTHORIZED** to carry out the resident inspection and contract administration in the amount of \$498,477.10 (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** with 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 (T18-21); and,
- (f) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, as required, to give effect to these recommendations.

PREVIOUS REPORTS PERTINENT TO THIS MATTER
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- Civic Works Committee – May 27, 2016 – Appointment of Consulting Engineers Infrastructure Renewal Program 2017 – 2018

- Civic Works Committee – February 6, 2018 – Hamilton Road Infrastructure Lifecycle Renewal – Chesley Avenue to Egerton Street – Hydro & Telecommunication Utility Locations

2015-2019 STRATEGIC PLAN

The following report supports the Strategic Plan through the strategic focus area of Building a Sustainable City by implementing and enhancing safe and convenient mobility choices for transit, automobile users, and pedestrians. This is accomplished by expanding sidewalks and improving crossings to improve pedestrian walk-ability. These improvements further provide an opportunity to make Hamilton Road – Sackville Street a more beautiful and distinct place by incorporating urban design enhancements where possible.

BACKGROUND

Purpose

This report recommends the award of a construction tender to Omega Contractors Inc., and the award of contract administration to IBI Group Inc. for the Hamilton Road – Sackville Street Infrastructure Lifecycle Renewal project. The project will take place along Hamilton Road from Chesley Avenue to Egerton Street and along Sackville Street from Hamilton Road to 50 m north of Ormsby Street, as displayed below on **Figure 1**.



Figure 1 - Project Limits

The project is scheduled to commence early summer of 2018 with the majority of construction completed by late fall 2018. In the spring of 2019, it is anticipated the contractor will return to complete some minor work, such as applying the surface coat of asphalt and landscaping.

DISCUSSION

Project Description

Hamilton Road-Sackville Street is a major project to be undertaken as part of the City's annual infrastructure lifecycle renewal program. New sanitary sewers, storm sewers and private drain connections (PDCs) along with new watermain and water services will be installed along Hamilton Road between Egerton Street & Chesley Avenue and Sackville Street between Hamilton Road & 50 m north of Ormsby Street. The roads will be reconstructed including curbs, sidewalks and boulevard improvements including streetscape enhancements (i.e. tree placements and enhanced walking surfaces).

Road Reconstruction

Due to property constraints along Hamilton Road which has a 20 m right of way, there is limited opportunity available to make significant changes to the Hamilton Road cross section. However, this is the first phase of a staged implementation which will see some reconfiguration to the Hamilton – Egerton Intersection. Over subsequent projects in the coming years, the traffic island at the north-west corner will be increased in size, and a westbound to southbound turn lane will be added.

Streetscape Enhancements

Hamilton Road-Sackville Street will see aesthetic improvements based on the urban design opportunities for the area. These enhancements were developed in consultation with the community through a series of engagements over the past 18 months. The *London Plan* identifies Hamilton Road from Horton Street to Highbury Avenue as one of the Main Street place types within the City. These areas are to contain a mix of residential and commercial uses and are planned to create a strong neighbourhood character and a distinct sense of place. As part of the design assignment for the infrastructure lifecycle renewal project an overall corridor streetscape plan was developed. This project will implement the first phase of the corridor streetscape plan.

The urban design aspects of the project include:

- removal of the short one-way portion of Trafalgar Street (south side of Hamilton Road), re-purposing this area for a parkette;
- multi-purpose street on Sackville Street adjacent to the Crouch Library where local activities could expand and use the street;
- decorative walkways;
- tree planting along the boulevards;
- surface treatments on the boulevard sidewalks; and,
- pedestrian level lighting.

Construction Considerations

Hamilton Road-Sackville Street is a challenging construction project to implement. With a narrow right-of-way and sanitary and storm sewer services that drain in opposite directions, the work has been broken into four phases. On Hamilton Road, traffic will be reduced to one lane of travel in each direction with no on-street parking

allowed within the construction zone. Phase One will see the traffic restricted to the north side of the right of way, while the new sanitary and storm sewers are installed on the south side of the road. Phase Two will move traffic to the south side of the road while the service connections for the storm and sanitary private drain connections are installed along with the new watermain and water services to the north. Phase Three will put the traffic back on the north side, while the water service connections on the south side are made. Phase Four covers the work on Sackville Street, and this will close the block of Sackville Street from Hamilton Road to Ormsby Street. During the design phase, a closure of Hamilton Road was considered. Hamilton Road is an arterial road and this portion has an average daily traffic volume of 21,000 vehicles. The closure would require traffic be detoured up to Florence / York Street which would be a significant distance for travel. As a result, the project was detailed and tendered with the requirement for two lanes of traffic to be maintained at all times.

The grid pattern of the local streets may be prone to motorists to finding alternate routes around the construction zone on streets not designed to manage that traffic. To reduce the amount of cut through traffic in the local neighbourhoods, temporary traffic calming measures are being installed in advance of the construction.

Tender Summary

Tenders for the Hamilton Road-Sackville Street project were opened on Wednesday, March 21, 2018. Six contractors submitted tender prices as listed below (excluding HST).

	CONTRACTOR	SUBMITTED TENDER PRICE (\$)	CORRECTED TENDER PRICE (\$)
1.	Omega Contractors Inc.	4,143,816.30	4,145,616.26
2.	Bre-Ex Construction Inc.	4,371,376.85	----
3.	J-AAR Excavating Limited	4,391,737.98	----
4.	CH Excavating (2013)	4,589,371.18	----
5.	Blue-Con Construction	4,895,780.30	4,895,659.10
6.	Elgin Construction	4,969,613.62	4,969,618.22

All tenders have been checked by IBI Group Inc. and the Environmental and Engineering Services Department. The results of the tendering process indicates a competitive process. Adequate funds for this award of tender are identified in the capital budget. The tender estimate prior to tender opening was \$4,415,000 (excluding HST).

Contract Administration

The City previously procured IBI Group Inc. to undertake the detailed design of this project in accordance with the Procurement of Goods and Services Policy.

With the consultant's knowledge of the project, IBI was invited to submit a proposal to carry out the contract administration and resident supervision. Staff have reviewed the fee submission in detail considering the various activities & related hourly rates provided. 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.

The continued use of IBI Group Inc. on this project for contract administration is of financial advantage to the City due to the fact that the firm has specific knowledge of the project and has undertaken work for which duplication would be required if another firm were to be selected.

In accordance with Section 15.2 (g) of the Procurement of Goods and Services Policy, Civic Administration is recommending that IBI Group Inc. be authorized to carry out the remainder of engineering services as construction administrators to complete this project for a fee estimate of \$498,477.10 (excluding HST). These fees are associated with the inspection services necessary to ensure the City receives the construction product specified.

The City's requirement for the creation of record drawings following construction necessitates the reviewing engineer seal them on the basis of field verification and ongoing involvement. This requirement triggers consultant accountability for the design. Consequently, the continued use of IBI Group Inc. who created and sealed the design drawings is required in order to maintain this accountability process. The approval of this work will bring the value of the overall consulting assignment to \$1,061,222.68 (excluding HST) including the Streetscape Master Plan, detailed design and construction administration services.

CONCLUSION

Civic Administration has reviewed the tender bids and recommends Omega Contractors Inc. be awarded the contract for the Hamilton Rd/Sackville Street project.

IBI Group Inc. has demonstrated an understanding of the City requirements for this project, and it is recommended this firm be the consulting engineer for the purposes of 2018 contract administration and inspection services as it is in the best financial and technical interests of the City.

Anticipated annual operating cost to budgets in 2019 and subsequent years, associated with the additional infrastructure is summarized below:

Service Area	Increase in Annual Operating Costs
Road Operations	\$ 750
Parks Operations	\$ 1,600

Acknowledgements

This report was prepared with the assistance of Jane Fullick, Senior Technologist, and Karl Grabowski, Transportation Design Engineer of the Transportation Planning & Design Division.

PREPARED BY:	REVIEWED & CONCURRED BY:
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RECOMMENDED BY:	
KELLY SCHERR, P. ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER	

Attach: Appendix A: Sources of Financing

cc: Omega Contractors Inc.
IBI Group Inc.
TCA
Jason Davies, FP & P