



Report to: Development Services Committee

Report Date: November 16, 2015

SUBJECT: Award of Contract 206-R-15 Markham Centre Consolidated Master Environmental Servicing Plan
PREPARED BY: Soran Sito, Manager, Environmental Assets, Ext. 2521

RECOMMENDATION:

- 1) THAT the report entitled "Award of Contract 206-R-15 Markham Centre Consolidated Master Environmental Servicing Plan, be received;
- 2) AND THAT contract "206-R-15 be awarded to the highest ranked bidder Amec Foster Wheeler Environment & Infrastructure ("Amec") in the amount of \$395,714.11 inclusive of HST;
- 3) AND THAT a contingency in the amount of \$39,571.41 inclusive of HST be established to cover any additional study costs and that authorization to approve expenditures of this contingency amount up to the specified limit in accordance with the Expenditure Control Policy;
- 4) AND THAT staff be authorized to issue a Purchase Order in the amount of \$89,040.00 inclusive of HST to cover the Toronto Region and Conservation Authority ("TRCA") fees;
- 5) AND THAT the tendering process for the TRCA contract be waived in accordance with the Purchasing By law # 2004-341, Part II, Section 7 Non Competitive Procurement, item 2 (e); which states "Tenders, Requests for Proposal and Request for Quotation may not be required for goods and services to be provided by the TRCA;
- 6) AND THAT the Engineering Department Capital Administration Fee in the amount of \$52,234.26 inclusive of HST, be transferred to revenue account 640-998-8871 (Capital Admin Fees);
- 7) AND THAT the total project cost of \$576,559.78 (\$395,714.11 + \$39,571.41 + \$89,040.00 + \$52,234.26) be funded from capital account 053-5350-15056-005, Markham Centre MESP Consolidation;
- 8) AND THAT the shortfall in the amount of \$18,859.78 be funded from the Engineering Capital Contingency account;
- 9) AND THAT staff be authorized and directed to do all things necessary to give effect to this resolution.

EXECUTIVE SUMMARY:

Not Applicable

PURPOSE:

The purpose of this report is to obtain Council approval to award contract 206-R-15 for Consulting Services for a Consolidated Master Environmental Servicing Plan (“Consolidated MESP”).

BACKGROUND:

The Study area encompasses the Markham Centre Secondary Plan which is located between the hydro corridor west of Warden Avenue to Kennedy Road, east-west, and Highway 7 to Highway 407, north-south, (refer to Attachment A for the Study Area Map). The established environmental management systems within the Study area, mainly the Remington and Times Group master plans, were completed in March 2002 and July 2011 respectively and approved by the City and the TRCA. Both MESP’s addressed all of the services and environmental requirements for the development. Subsequent to their completion, there were many changes proposed in Markham Centre (“MC”) which triggered the need for this Consolidated MESP. The Ministry of Natural Resources and Forestry (“MNRF”) in 2009 listed the Redside Dace fish as “endangered” species. In 2011 MNRF released a guideline for regulating developments within and around Redside Dace habitat. Since then, the Rouge River within MC has been classified as a Redside Dace recovery habitat. As such, any future developments and infrastructure projects within the vicinity of the Rouge River and its tributaries in MC will require TRCA and MNRF’s review and approval.

In addition to the reclassification of the Rouge River within MC to a Redside Dace recovery habitat, a number of new infrastructure and environmental projects have been proposed in MC. These infrastructure and environmental projects were outside of scope of the original Remington and Times Group MESP’s or any other master planning studies within MC. These projects include:

- Major road crossings of the Rouge River Tributaries 4 and 5,
- Sciberras Road Bridge crossing the Rouge River,
- Realignment of the Rouge Tributary 4 immediately north and south of HWY 407 to accommodate Frontage Street and the extension of the Miller Avenue,
- Realignment of the Rouge Tributary 5 to accommodate development within the East Precinct area east of the GO Rail,
- Yorktech Drive extension between Rodick Road and Warden Avenue.

Due to the above, the TRCA and the MNRF have indicated that the City will need to consolidate all of the completed, on-going and proposed/future development, infrastructure and environmental projects into one cohesive and comprehensive Master Environmental Servicing Plan (Consolidated MESP) prior to proceeding with further development in MC.

OPTIONS/ DISCUSSION:

Representatives from the City of Markham met several times with the MNRF and the TRCA between 2014-2015 to discuss the Terms of Reference (ToR) and scope of work for the Consolidated MESP. All agreed that the Consolidated MESP will:

- Take into consideration at a high level (big picture) the ultimate development scenario in MC which will include findings and recommendations from infrastructure projects (Class EAs) by the City, Region of York, Ministry of Transportation Ontario (MTO) and Metrolinx,
- Address the cumulative impacts from existing, on-going and future development and infrastructure projects on flooding, erosion, water quality, groundwater, aquatic habitat (especially Redside Dace) within the Rouge River system,
- Establish a consolidated and cohesive mitigation measure plan to minimize impacts on the environmental system within the Study area,
- Consolidate completed, on-going and future monitoring plans for water quality, aquatic habitat, groundwater and erosion for the Study area into one master plan.

The Consolidated MESP will maintain consistency with Provincial, Regional and municipal growth and intensification policies and strategies in creating an urban downtown within MC.

Engineering staff worked with both the TRCA and the MNRF to establish the required Terms of Reference (ToR) for the Consolidated MESP. Comments from the TRCA and the MNRF were incorporated in the ToR. Engineering staff will continue working with both the TRCA and the MNRF during the duration of the study to ensure that their inputs are properly addressed in order to achieve a timely approval at the completion of the Study.

BID INFORMATION

Advertised	ETN
Bid closed on	September 24, 2015
Number picked up Bid documents	14
Number responded to Bid	5

PROPOSAL EVALUATION

The Evaluation Team was comprised of staff from the Engineering Department and facilitated by staff from the Purchasing department. Due to the complexity of the project, staff wanted to ensure that bidders had the necessary qualifications and experience to carry out the work and as such, the City released this RFP utilizing a two-stage, two-envelope system.

Stage One (1) – Technical Evaluation:

Under Stage 1 – Technical Evaluation (Envelope “A”), Bidders were assessed against pre-determined criteria as outlined in the RFP; Qualifications and Experience of the consulting firm 20%, Qualifications and experience of the project manager and team 20% Project Methodology, Understanding, Schedule and Work Plan 30% totaling 70%. Bidders that did not achieve a technical score of 52.5 points out of 70 would not proceed any further and their Envelope “B” – Price Evaluation would be returned unopened. Accordingly, as shown in the table below, four out of the five bidders did not meet the minimum technical requirements. Amec Foster Wheeler Environment and Infrastructure

("Amec") is the only bidder that met the minimum technical requirements with a score of 65.0.

Stage Two (2) – Price Evaluation:

Under Stage 2 – Price Evaluation (Envelope "B"), Bidders who met the mandatory requirements and achieved a total technical score of 52.5 points or greater out of 70 points were assessed out of 30 points based on their Bid Price exclusive of HST. The highest ranked bidder was determined by adding the points awarded under Stage 1 – Technical Evaluation and Stage 2 – Price Evaluation.

Company	Technical Score (70 points)	Financial Score (30 points)**	Total Score (100 points)	Overall Ranking
Amec Foster Wheeler Environment & Infrastructure (Amec)	65.0	30.0	95.0	1
Cole Engineering Group Ltd.	50.5	n/a*	50.5	2
The Municipal Infrastructure Group	47.0	n/a*	47.0	3
SCS Consulting Group Ltd.	45.5	n/a*	45.5	4
Parsons Inc.	40	n/a*	40.0	5

* Bidders did not achieve a minimum technical score of 52.5 points out of 70 and their price submission returned unopened.

Amec is a highly qualified consultant for undertaking the MC Consolidated MESP. Staff reviewed the price proposal by Amec and compared it against similar work by other consultants to validate cost competitiveness. Staff is able to compare the hourly rates and hours committed by Amec to this project against other similar size projects and can confirm that the price submitted under this contract is competitive in the market place.

FINANCIAL CONSIDERATIONS AND TEMPLATE: (external link)

Total Budget Available for this Project	\$557,700.000	053-5350-15056-005, Markham Centre MESP Consolidation
Less: Consolidated MESP Study	\$395,714.11	
Less: 10 % Contingency	\$39,571.41	
Less: Capital Admin Fees	\$52,234.26	
Less: TRCA Fees	\$89,040.00	Awarded to TRCA
Total Cost	\$576,559.78	
Budget Shortfall	(\$18,859.78)	

The total project costs in the amount of \$576,559.78 will be funded from project #15056, Markham Centre MESP Consolidation. The budget shortfall of (\$18,859.78) will be funded from the Engineering Capital Contingency (project #13881) which has a current balance of \$86,631.

Engineering Department Capital Administration Fee in the amount of \$52,234.26 inclusive of HST will be transferred to revenue account 640-998-8871 (Capital Admin Fees).

TRCA's fees is to cover TRCA's staff time and their involvement in the various stages of the study including site visits, meetings, technical review of documents and providing comments and approvals on the study.

HUMAN RESOURCES CONSIDERATIONS

Not applicable

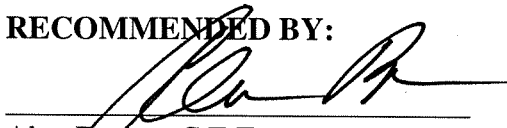
ALIGNMENT WITH STRATEGIC PRIORITIES:

The Consolidated MESP for Markham Centre is in line with the City's strategic priorities related to the Greenprint Sustainability Plan and the Building Markham's Future Together Strategic Plans including Growth Management, Transportation/Transit, Safety and Environment protection and enhancement.

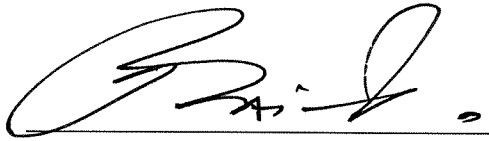
BUSINESS UNITS CONSULTED AND AFFECTED:

The Finance and Planning Departments have been consulted and their comments have been incorporated.

RECOMMENDED BY:



Alan Brown, C.E.T.
Director of Engineering

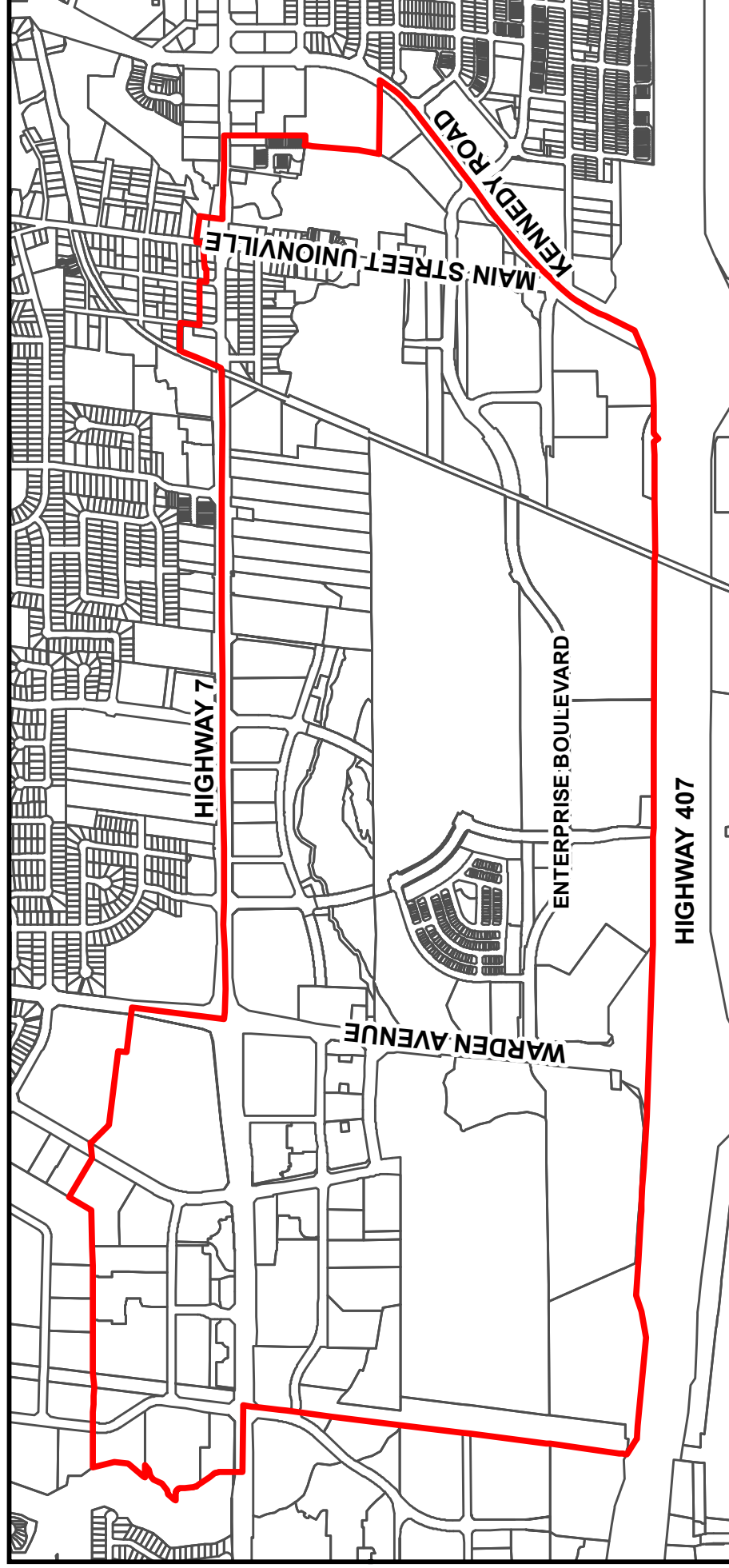


Jim Baird, M.C.I.P., R.P.P.
Commissioner, Development Services

ATTACHMENTS:

Attachment 'A' Study Area Map

Attachment A : Study Area Map (Markham Centre)



 Study Area