

7

**CONSULTANT SELECTION FOR ENGINEERING SERVICES
LESLIE STREET/DON MILLS ROAD
TOWNS OF MARKHAM AND RICHMOND HILL
(REQUEST FOR PROPOSAL NO. P-06-107)**

The Transportation and Works Committee recommends the adoption of the recommendations contained in the following report, January 18, 2007, from the Commissioner of Transportation and Works:

1. RECOMMENDATIONS

It is recommended that:

1. The proposal of URS Canada Inc., in the upset limit amount of \$565,636 excluding GST, be accepted for the Class Environmental Assessment and preliminary design studies of Leslie Street /Don Mills (Y.R. 12) from Steeles Avenue to Major Mackenzie Drive (Y.R. 25), in the Towns of Markham and Richmond Hill.
2. The Regional Chair and Regional Clerk be authorized to sign the necessary agreement, subject to review by Legal Services.

2. PURPOSE

This report recommends retaining a consulting engineering firm to carry out the Class Environmental Assessment (Class EA) and preliminary design for Leslie Street/Don Mills Road improvements, from Steeles Avenue to Major Mackenzie Drive in the Towns of Markham and Richmond Hill. A location plan is appended to this report (see *Attachment 1*).

In compliance with the Region's purchasing by-law, Council authorization is required when a Request for Proposal has been issued and the successful consultant's fee plus taxes is over \$500,000.

3. BACKGROUND

The Region's Transportation Master Plan (TMP) identified future road needs in the Leslie Street/Don Mills Road corridor between Steeles Avenue and Major Mackenzie Drive. The 2006 10-Year Roads Capital Program includes Leslie Street/Don Mills Road improvements between Steeles Avenue and Highway 407 in 2009, between Highway 407 and Highway 7 in 2012 and between Highway 7 and Major Mackenzie Drive in 2014.

3.1 Project Description

The Leslie Street/Don Mills Road corridor between Steeles Avenue and Highway 7 is located within the Town of Markham and the corridor section between Highway 7 and Major Mackenzie Drive is located within the Town of Richmond Hill. Leslie Street becomes Don Mills Road south of John Street.

Some of the major features located within the Leslie Street/Don Mills Study Area are an existing CNR grade-separated crossing, a partial Highway 407 interchange, the Rouge River, and the Beaver Creek and German Mills Creek tributary crossings. The Rouge River, Beaver Creek and German Mills Creek tributary are within the regulation limits of the Toronto and Region Conservation Authority (TRCA). There are 20 signalized intersections within the study corridor and the intersection configurations typically include exclusive right-turn and left-turn lanes.

Land uses adjacent to the Leslie Street/Don Mills Road corridor include residential, commercial, and industrial uses.

3.2 Project Purpose

The purpose of this assignment is to conduct a Class EA Study (Schedule “C”) and preliminary design to determine specific improvements to Leslie Street/Don Mills Road from Steeles Avenue to Major Mackenzie Drive to address capacity, operational and safety deficiencies. The improvements within the Leslie Street/Don Mills Road corridor may include, but are not limited to, the potential widening of the roadway from four to six lanes, implementation of High Occupancy Vehicle (HOV) lanes, bridge and culvert improvements, and transit supportive road improvements.

The Study will also evaluate road options at Steeles Avenue in consideration of limited roadway capacities in the City of Toronto.

3.3 Coordination With Other Studies

3.3.1 Regional Studies

This assignment will include coordination with several other concurrent Regional transportation studies. These studies include:

- Transportation Master Plan update.
- 10-Year Roads Construction Program annual update.
- Pedestrian and Cycling Master Plan.
- 16th Avenue Class EA Study from Yonge Street to York/Durham Line.
- Highway 407 Traffic and Financial Modelling study.

3.3.2 Other Related Studies

There are relevant municipal studies which are currently being carried out or have been completed (i.e. City of Toronto Don Valley Corridor Study, Town of Markham Highway 7 Streetscape Study etc.) that will be considered and included in this Class EA project.

The City of Toronto is planning to undertake a transit study within the Don Mills Road corridor between Sheppard Avenue and Steeles Avenue to be carried out in 2007 will be coordinated with the Leslie Street project. Furthermore, transportation studies related to proposed development within the Towns of Markham, and Richmond Hill and the City of Toronto that will also be considered.

4. ANALYSIS AND OPTIONS

In accordance with the Region's purchasing by-law, interested firms, as selected from Expression of Interest (EOI) No. P-04-61, were invited to submit proposals for the assignment. A short-list of consultants, with expertise in road planning and design, natural environmental sciences and structural engineering, were invited to submit proposals. This report identifies the preferred consultant for the assignment and the upset limit fee.

Proposals were evaluated using a two-envelope system. This system requires the project proposals and the fee to be submitted in two separate envelopes. The technical proposal envelopes were opened first and evaluated using the following criteria:

- Project team experience.
- Project management including quality assurance.
- Project implementation including project understanding, approach and methodology.

The fee envelopes were then opened for the proposals meeting the technical requirements. The proposed fees were converted to a score and weighed along with the technical criteria to determine an overall score.

4.1 Evaluation Summary

The proponents, their technical scores and proposed upset limit fees are tabulated below:

Table 1
Consultant Proposal Evaluation Summary-Leslie Street

Firm	Technical Score	Upset Fee (Excluding GST)	Financial Score (out of 20)	Total Score (out of 100)
URS Canada Inc.	50.6	\$565,636.00	20.0	70.6
iTRANS Consulting Incorporated	51.9	\$847,934.17	13.3	65.2
Marshall Macklin Monaghan	48.5	\$780,496.00	14.5	63.0

All three proposals provided thorough discussions of the understanding of the key issues and details such as road challenges within the corridors, approval requirements and project deliverables.

The technical scores of the three proposals were within approximately three points of each other. iTRANS Consulting Incorporated received a marginally higher technical evaluation because it was more thorough in the discussions of the project understanding and of the key Leslie Street/Don Mills Road issues.

In the evaluation of the financial proposals, the consulting fee from URS Canada Inc. was considerably lower than the fees submitted by the other two proponents, resulting in URS Canada Inc. receiving the highest overall total score. The URS Canada Inc. proposal, with the highest total score of 70.6 represents the best value for the Region on this assignment.

The Supplies and Services Branch have reviewed the evaluation summary and have issued their internal report confirming that URS Canada Inc. be recommended as the successful overall proponent for the Leslie Street Class EA and preliminary design assignment under Request for Proposal P-06-107.

5. FINANCIAL IMPLICATIONS

The upset limit fee for the Class EA and preliminary design studies is \$565,636., excluding GST. Funding for the project is included in the Region's approved 2006 10-Year Roads Construction Program.

The upset limit fees provide for provisional items of consulting activity (i.e. stage two archaeological assessments, additional public consultation, railway crossing grade separation, exposing underground utilities, respond to Requests for Part II Orders, Oak Ridges Moraine Conservation Act and Conservation Plan and Greenbelt Act and Greenbelt Plan Requirements, if required). The consultant will only be paid for these items if specifically directed by the Region to complete them.

6. LOCAL MUNICIPAL IMPACT

The project is required to address transportation needs in York Region; specifically in the Towns of Markham and Richmond Hill.

Throughout the course of the Class EA and preliminary design studies, Regional staff will work closely and cooperatively with staff from Towns of Markham and Richmond Hill to accommodate local municipal requirements.

7. CONCLUSION

The Region's Transportation Master Plan identified transportation improvements within the Leslie Street/Don Mills Road corridor. The Class EA and preliminary design assignment must be undertaken to permit the improvements as programmed in the approved 2006 Regional Roads Capital Program.

Three proposals for provision of professional engineering services were evaluated in accordance with the Region's Purchasing By-law and the proposal from URS Canada Inc. represents the best overall value to York Region. It is recommended that the assignment be awarded to URS Canada Inc. as the successful proponent under Request for Proposal P-06-107.

For more information on this report contact Dino Basso, Director, Capital Delivery, Roads Branch at extension 5902 in the Transportation and Works Department.

The Senior Management Group has reviewed this report.

(The attachments referred to in this clause were included in the agenda for the February 7, 2007 Committee meeting.)