
DATE: May 5, 2009

SUBJECT: **ENGINEERING SERVICES FOR CLASS ENVIRONMENTAL ASSESSMENTS FOR NEW WATER SUPPLY IN THE COMMUNITIES OF ALTON/CALEDON VILLAGE, CHELTENHAM AND A NEW WATER SUPPLY AND RESERVOIR IN THE COMMUNITY OF CALEDON EAST
CAPITAL PROJECTS 08-1506, 08-1507 06-1580
DOCUMENT 2008-762P
TOWN OF CALEDON, WARDS 1, 2, 3**

FROM: Dan Labrecque, Commissioner of Environment, Transportation and Planning Services

RECOMMENDATION

That the contract (Document 2008-762P) for three Class Environmental Assessments (EA) for new municipal water supply in the communities of Alton/Caledon Village, Cheltenham and a new water supply and reservoir in the community of Caledon East be awarded to Hatch Mott MacDonald Ltd. in the estimated amount of \$1,845,627 (excluding applicable taxes), \$637,378 under Capital Project 06-1580, \$655,281 under Capital Project 08-1506, and \$552,968 under Capital Project 08-1507, in accordance with Purchasing By-Law 63-2008;

And further, that additional funds in the total amount of \$427,500 be provided, to Capital Projects 06-1580, 08-1506 and 08-1507 as follows; \$200,000, \$161,500, \$66,000 respectively, financed from DC Regional Water Reserve R3530 for Projects 08-1506 and 08-1507 and from DC South Peel Water Reserve R3520 for Project 06-1580;

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REPORT HIGHLIGHTS

- The Region of Peel Water and Wastewater Master Plan Update 2007 outlines requirements for the North Peel water servicing strategy up to and including the year 2031.
- It was determined that the Villages of Alton/Caledon Village, Cheltenham and Caledon East will require new water supplies to ensure additional capacity to meet future approved growth demands and will require new applications to the Ministry of the Environment (MOE) for Permits To Take Water (PTTW).
- In order to determine the best possible alternative for water supply for these communities and to meet the MOE requirements three separate Class EA are required to be completed.
- The Request for Proposal 2008-762P was competitively bid, and Hatch Mott MacDonald Ltd. is being recommended for award.
- Additional funding is required for Capital Projects 06-1580, 08-1506, 08-1507, in the amount of \$200,000 to Capital Project 06-1580, \$161,500 to Capital Project 08-1506, and \$66,000 to Capital Project 08-1507, for a total additional amount of \$427,500 for the contract award.

DISCUSSION

1. Background

The Region of Peel's Water and Wastewater Master Plan updated in 2007 outlines requirements for the North Peel water servicing strategy up to and including the year 2031. In formulating the strategy, the Master Plan drew on some of the recommendations from the Region of Peel Municipal Well Capacity Review Report (Final Draft, January 2007). It was determined that letting the North Peel municipal water system remain on a groundwater source was a viable and sustainable solution. Most village systems will require new well supplies to ensure additional capacity to meet future needs, and will require additional applications to the Ministry of the Environment (MOE) for Permits to Take Water (PTTW).

2. Selection Process for Consulting Engineering Services

The Region of Peel issued a Request for Proposal 2008-762P to five consulting engineering firms: AECOM Canada Ltd., Gamsby & Mannerow Ltd., Hatch Mott MacDonald Ltd., R.J. Burnside & Associates Ltd., Stantec Consulting Ltd., to conduct three Schedule 'C' Class EA for new municipal water supplies in the communities of Alton/Caledon Village, Cheltenham and a new water supply and reservoir in the community of Caledon East, 08-1506, 08-1507, 06-1580.

Four consultants submitted their proposal on time and the documents were found to be in order. Gamsby & Mannerow Ltd. did not submit a proposal. The proposals were reviewed and evaluated by a staff evaluation committee. The evaluation included the consultant's understanding of the project, compliance with the terms of references, the proposed methodology, qualifications and experience of the proposed staff, the consultant's previous experience in similar projects, schedule and estimated cost to complete the assignment.

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Vendor Name	Location	Overall Ranking	Technical (80 percent)	Financial (20 percent)
Hatch Mott MacDonald Ltd.	Burlington, ON	1	1	3
Stantec Consulting Ltd.	Kitchener, ON	2	4	1
R. J. Burnside & Associates Ltd.	Guelph, ON	3	2	2
AECOM Canada Ltd.	St. Catharines, ON	4	3	4

Hatch Mott MacDonald Ltd.'s proposal received the highest overall score when assessing the combination of technical proficiency and price. The consultant demonstrated a thorough understanding of the assignment, proposed a comprehensive project approach and presented an experienced project team. Staff have concluded that Hatch Mott MacDonald Ltd.'s proposal provides the best overall value to the Region.

FINANCIAL IMPLICATIONS

A total budgeted amount of \$1,500,000 was approved under Capital Projects 06-1580, 08-1506 and 08-1507. However additional funding is required for the project award. The additional funding is illustrated as follows:

Project 06-1580	\$ 500,000
Project 08-1506	\$ 500,000
Project 08-1507	<u>\$ 500,000</u>
Total budget	\$1,500,000
Total budget Remaining (As of April 2009)	\$1,432,177
Project Award	<u>\$1,845,627</u>
Additional Funding required for contract award	(\$ 413,450)

Additional funds in the amount of \$427,500 are required to cover contract award and staff time for this project. The funds are required as a result of change in scope for project 06-1580: Caledon East New Well, which includes the construction of a new storage reservoir in this community. The study also looks into the possibility of supplying water to this community through an existing well site in Bolton which will require an additional treatment facility. Furthermore, because of the number of environmental, planning policies and current socioeconomic implications in these areas of Caledon, as well as change in the economy, the cost to undertake these studies resulted in higher cost than originally budgeted for. Once additional funds are approved, there will be sufficient funds to cover the estimated cost of \$1,845,627 (excluding applicable taxes) for the contract award.

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Dan Labrecque
Commissioner of Environment,
Transportation and Planning Services

Approved for Submission:

Peel

D. Szwarc, Chief Administrative Officer

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MP
c. Legislative Services
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APPENDIX I

April 9, 2009

ENGINEERING SERVICES FOR CLASS ENVIRONMENTAL ASSESSMENTS FOR NEW WELLS IN THE COMMUNITIES OF ALTON/CALEDON VILLAGE, CHELTENHAM AND A NEW WELL AND RESERVOIR IN THE COMMUNITY OF CALEDON EAST CAPITAL PROJECTS 08-1506, 08-1507, 06-1580 DOCUMENT 2008-762P TOWN OF CALEDON, WARDS 1, 2 AND 3

