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CONSULTANT SELECTION FOR ENGINEERING SERVICES CLASS ENVIRONMENTAL ASSESSMENT FOR NOBLETON WATER SUPPLY AND STORAGE TOWNSHIP OF KING, PROJECT 73160

The Transportation and Works Committee recommends the adoption of the recommendations contained in the following report, October 20, 2005, from the Commissioner of Transportation and Works:

1. RECOMMENDATIONS

It is recommended that:

1. The consulting engineering firm of Marshall Macklin Monaghan Limited be engaged to undertake the Class Environmental Assessment (Class EA) and Water Resource Exploration for Water Supply and Storage in Nobleton as outlined in this report at an upset limit cost of \$1,348,912 including GST.
2. The Regional Chair and Regional Clerk be authorized to execute a formal agreement with Marshall Macklin Monaghan Limited for the completion of these services, subject to review by Legal Services.

2. PURPOSE

The purpose of this report is to recommend retention of a consultant to carry out the Class Environmental Assessment and associated Water Resource Exploration for water supply and storage in Nobleton.

3. BACKGROUND

The Nobleton Community Plan (OPA No. 57) was approved by the Regional Municipality of York in January 2004. The 2004 Water Master Plan Update has identified that new groundwater wells and water storage facilities will be required to meet the projected growth of the community plan. As such, the Region is seeking to retain consulting services to undertake a Class EA and associated Groundwater Resource Exploration for studying alternatives to augment the water supply and storage capacity to meet the projected growth of the Nobleton Community Plan.

The scope of the assignment includes:

- The completion of a Class EA study including identification and evaluation of alternative solutions, public consultation, and the preparation and filing of an Environmental Study Report.
- The completion of groundwater resource exploration work to identify potential sites for the development of production wells.
- Confirming, through the EA process, preferred site(s) for well(s) and storage facility.

4. ANALYSIS AND OPTIONS

A competitive process, in accordance with the York Region purchasing by-law, has been followed to obtain proposals for this work. Request for Proposal (RFP) P-05-80 was issued on September 21, 2005. An open call was issued so that the consultant could be selected quickly in order for field work to begin as early as possible. The RFP closed on October 7, 2005 and responses were received from:

- MacViro Consultants Inc.
- Marshall Macklin Monaghan Limited.
- R.V. Anderson Associates Limited.

The proposals were evaluated using the typical two-envelope format with technical and financial information kept in separate envelopes. Regional staff evaluated the technical proposals based on the following criteria:

- Responsiveness and completeness of submission.
- Experience and qualifications of the project team.
- Management qualifications and experience.
- Project implementation (including approach, methodology, schedule, etc.).

Evaluation was based on an overall score of 100 points, with 90 points assigned for technical and 10 points for financial. Proposals were required to achieve a minimum technical score of 54 out of 90 to be eligible for consideration. For many routine projects, the Region often uses an 80/20 Technical to Financial split for the scoring of proposals. Due to the involved hydrogeological investigations required for this project and the potential sensitivities for conducting the environmental assessment in the Nobleton community, greater emphasis was placed on the technical component of the RFP score (90 percent). Therefore, the financial component was reduced to 10 percent of the overall score.

All three (3) proposals met the minimum technical score requirement and their financial proposals were opened after the technical evaluation was complete. The prices were

factored into the proposal evaluation using standard procedures. The proposal evaluation results are summarized in Table 1.

Table 1
Consultant Proposal Evaluation Summary (P-05-80)

Firm	Technical Score (Out of 90)	Upset Fee * (GST Included)	Financial Score (Out of 10)	Total Score (Out of 100)
Marshall Macklin Monaghan Limited	69.7	\$1,348,912	10.0	79.7
MacViro Consultants Inc.	61.1	\$1,964,603	6.9	68.0
R.V. Anderson Associates Limited	55.3	\$1,529,600	8.8	64.1

* The Upset Fee includes the provision of subconsultant and subcontractor services to carry out drilling, well installations, testing and modelling required to evaluate the ability of groundwater systems to provide the required water supply and to assess the potential environmental effects of the proposed water taking.

Marshall Macklin Monaghan attained the highest total score along with the lowest submitted cost, and is recommended as the preferred consultant.

5. FINANCIAL IMPLICATIONS

The upset limit for the consultant to perform the scope of work as per RFP P-05-80 is \$1,348,912 including GST. Funding will be 80% from Development Charge (\$1,079,130) and 20% from the Water and Wastewater Operating budget (\$269,782).

Sufficient funds for this project are included in the approved 2005 and the proposed 2006 Capital and Operating Budgets. The Capital Project numbers supporting this work are 73180 and 73160.

6. LOCAL MUNICIPAL IMPACT

The Class EA will determine the preferred solution for providing the additional water supply and storage capacity needed to service the approved growth in Nobleton.

7. CONCLUSION

Marshall Macklin Monaghan Limited is recommended as the preferred consulting firm for the Nobleton Class EA study and Water Resource Exploration. The proposal represented the best overall value to the Region and demonstrated that Marshall Macklin Monaghan Limited has qualified and knowledgeable personnel to complete the assignment successfully.

The Senior Management Group has reviewed this report.