

8

CONSULTANT SELECTION FOR PROJECT PLANNING AND CONTROL SUPPORT SERVICES DUFFIN CREEK WATER POLLUTION CONTROL PLANT STAGE 3 EXPANSION PROJECT 73720

The Transportation and Works Committee recommends the adoption of the recommendation contained in the following report, February 7, 2005, from the Commissioner of Transportation and Works:

1. RECOMMENDATION

It is recommended that:

1. The consulting firm of Revay and Associates Limited be engaged to provide support services related to Project Planning and Control for the Future Stage 3 Expansion Projects at the Duffin Creek Water Pollution Control Plant, as outlined in this report, at an upset limit cost of \$981,190.00, including GST.

2. PURPOSE

The purpose of this report is to engage qualified consultants to provide support services in the areas of project planning, project monitoring and control for the Stage 3 Liquids Process Expansion and the Stage 3 Solids Process Expansion, at the Duffin Creek Water Pollution Control Plant (WPCP).

3. BACKGROUND

The update to the Long Term Wastewater Master Plan has identified the following projects at the Duffin Creek WPCP to increase wastewater treatment capacity and be able to service growth within York Region. During the year 2004, the average daily flow to Duffin Creek was 347 MLD (Mega-litres per day) and the future projections to growth indicate that the rated treatment capacity of 420 MLD will be exceeded sometime between 2008 and 2010.

The Stage 3 expansion will accomplish the following:

- Increase the liquids process treatment capabilities from the current rated capacity of 420 MLD to 630 MLD.
- Increase the solids treatment process to provide a firm capacity of 180 tonnes per day.

A Schedule C Class EA for this project is currently underway and it is expected to be completed in 2005.

3.1 Scope of Services

Generally speaking, the scope of services for the projects are as follows:

- Project planning facilitation, management assistance, control and scheduling support services through the preliminary engineering, detailed design and construction phases of the project.
- The organization, coordination and facilitation of workshops associated with the development of the project plans for scope management, work breakdown structure, critical path schedules, risk management, quality assurance and other project control plans.

4. ANALYSIS AND OPTIONS

4.1 Submission of Proposals

The Region posted an Expression of Interest (EOI) Request (P-03-69) for project management support services in 2003. The following four firms were prequalified and were invited to submit written proposals for the Duffin Creek Stage 3 Expansion project:

- Procept Associates Limited.
- Revay and Associates Limited.
- Stantec Consulting Ltd.
- SPM Group Ltd.

The following three firms submitted written proposals in response to the request for proposal issued January 6, 2005:

- Revay and Associates Limited.
- Stantec Consulting Ltd.
- SPM Group Ltd.

4.2 Proposal Evaluation

The submission deadline for technical and price proposals was Thursday, January 20, 2005.

The technical proposals were evaluated using the following criteria:

- Corporate and Project Team Qualifications and Experience.
- Project Understanding
- Project Implementation/Approach/Methodology (Workplan).

Once the technical evaluations were complete, the price proposals were opened. The prices were factored into the proposal evaluation using standard procedures, as summarized in Table 1.

Table 1
Proposal Evaluation Summary

Firm	Technical Score (Out of 70)	Upset Fee (including GST)	Financial Score (Out of 30)	Total Score (Out of 100)
Revay and Associates Ltd	60.8	\$981,190.00	28.1	88.9
SPM Group Ltd	48.8	920,200.00	30.0	78.8
Stantec Consulting Ltd	41.3	\$940,731.16	29.3	70.6

For this project, the Revay and Associates Ltd proposal provided the highest technical score, ranking highest in every technical category. The Revay proposal provided a comprehensive scope of services and detailed work plan with features that closely matched the Region's requirements on this project. The proposal from Revay also provided a superior level of commitment to meet the Region's accelerated schedule for this very important and urgently needed project.

The Revay and Associates Ltd. proposal therefore, ranked highest in the overall evaluation and represents the best value to the Region.

5. FINANCIAL IMPLICATIONS

The upset limit fees for the project is \$981,190.16., including GST.

The fee for this project was based on the assumed contract duration of 5 years and 6800 person hours of support services.

All the consultants quoted on the project based on the assumed duration and resource requirements.

Sufficient funds are included in the 2005 Budget Plan for this assignment.

6. LOCAL MUNICIPAL IMPACT

The Stage 3 Expansion is proposed at the Duffin Creek WPCP located in the City of Pickering. The expansion is required to ensure proper treatment of the current plus the future increase of wastewater quantity as forecast to accommodate the growth to the areas of York Region that are connected to the YDSS.

7. CONCLUSION

Regional staff selected the proposal by Revay and Associates Ltd. as the preferred proposal for the Duffin Creek WPCP Stage 3 Expansion Project Planning and Control Support Services. The proposal represents the best overall value to York Region.

The Senior Management Group has reviewed this report.