



CONTRACT AWARD OF ENGINEERING SERVICES FOR LANDFILL OPERATIONS PROJECTS

RECOMMENDATIONS

1. That the Board approve of a contract with Wood Environment & Infrastructure Solutions for Engineering Work on landfill related projects carried out over the next 4 years in an amount not exceeding \$450,000 (exclusive of taxes).
2. That the Board authorize the Chief Administration Officer and the Corporate Officer to execute the contract.

BACKGROUND

At the regular meeting of July 28, 2020, the Regional Board passed the following motion:

That the Board approve release of a Request for Proposal for engineering services for landfill capping, landfill development review and updating of the Design and Operations Plan.

The motion was based on the attached staff report (Attachment 1) that described capital work associated with landfill capping to be carried out at the regional landfill through 2020-2024 at an estimated cost of \$4,500,000. The design and construction of the landfill cap includes engineering for the landfill regulatory Conformance Review, Phased Development Review, and updating the landfill Design, Operations and Closure Plan (DOCP). All of the capital and engineering work is driven by good landfill development practices as well as conformance with provincial regulatory requirements. As noted in the previous staff report, the engineering related costs for this work is expected to be in the range of \$450,000 to \$600,000.

In September 2020, a Request for Qualifications (RFQ) was released to short list up to three qualified parties to compete for a Request for Proposals (RFP). Eight consulting firms responded to the RFQ and the three highest qualified proponents were invited to submit a RFP.

The RFP requested pricing on the project team member's level of effort for each task (i.e. number of hours to complete tasks based on the proposed methodology) and the hourly rate of the individual carrying out the work as well as all disbursements including travel. Pricing was requested for capping an area of the landfill in accordance with the 2008 DOCP. It is anticipated this area will be adjusted following the results of the conformance and phase reviews. The RFP results were evaluated by RDN staff on the basis of 60% technical and 40% financial. The overall costing was primarily requested for purposes of comparative evaluation.

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The proposal from Wood was determined to be the highest ranked proposal and overall best value for the RDN. Wood demonstrated strong experience completing similar projects and established an excellent understanding of the project requirements and challenges involved in the regulatory approval process required for these projects. The Wood proposal ranked the highest in consideration of:

- The proposal met all of the requirements of the RFP;
- Wood has the highest technical score and highest level of effort by a significant margin;
- Wood has demonstrated a consistent history on similar projects requiring high regulatory review to deliver on time and on or under-budget;
- Wood has an experienced senior team with well-defined roles and responsibilities;
- Wood offers the most hours of senior project manager and engineer time to conduct the work;
- Wood has the most onsite hours at the landfill; and
- Wood offers the most comprehensive and detailed project work plan and schedule.

The following table summarizes the evaluation results:

Ranking	Company Name	Total Price (exclusive of taxes)
1	Wood Environment & Infrastructure Solutions (Wood)	\$305,907
2	Sperling Hanson Associates Inc. (SHA)	\$249,863
3	Tetra Tech Canada Inc. (TT)	\$235,776

FINANCIAL IMPLICATIONS

As noted previously, the total price in the RFP is based on a closure area and related engineering tasks that will be adjusted as the engineering work progresses. The cost estimate for this engineering work over the next 4 years is estimated at \$450,000 to \$600,000 as presented to the Board in July 2020. The staff recommendation to award Wood the engineering work to a maximum of \$450,000 which is at the low end of this scale.

The capital projects and all related engineering costs are included in the Solid Wastes Services 5 year financial Plan, and the Board approved Solid Waste Services Asset Management Plan.

STRATEGIC PLAN ALIGNMENT

Environmental Stewardship - Protect and enhance the natural environment, including land, water, and air quality for future generations.

All of the capital and engineering work is driven by good landfill development practices as well as conformance with provincial regulatory requirements with the goal of ensuring the landfill is managed to sound environmental standards.

REVIEWED BY:

- L. Gardner, Manager, Solid Waste
- K. Felker, Purchasing Manager
- J. Bradburne, Director of Finance

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P. Carlyle, Chief Administrative Officer

ATTACHMENT(S)

1. Staff Report: Request to Proceed with Procurement of Solid Waste Engineering Services

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