



City of North Bay Report to Council

Report No: CORP-2021-083

Date: October 8, 2021

Originator: Mary-Ann Kotylak, CPPB, CPPO
Manager of Purchasing

Karin Pratte, P.Eng.
Senior Environment & Facilities Engineer

Business Unit:
Corporate Services

Department:
Financial Services Department

Subject: Request for Proposal 2021-79 Engineering Consulting Services PFAS
Environmental Remediation

Closed Session: yes ☐ no ☒

Recommendation

That Council approve the award of a contract to Jacobs Consultancy Canada Inc. in the amount of up to \$4,987,238.42 (plus HST) for the provision of engineering consulting services related to PFAS environmental remediation at the North Bay Jack Garland Airport.

Background

The North Bay Jack Garland Airport lands have been owned by the City since 1998, prior to which they were under the ownership of Transport Canada from 1939 to 1998. The Department of National Defense ("DND") utilized a firefighting foam containing perfluorooctanesulfonate ("PFOS") at 22 Wing North Bay facilities for many years. Perfluoralkylated ("PFAS") is also used in aqueous film-forming foams ("AFFF") for firefighting by air-fields.

The City completed environmental investigations in regards to PFAS soil and groundwater contamination in the fall of 2018 and spring of 2019 on the North Bay Jack Garland Airport site. These environmental investigations confirmed that there are locations at the site that exceed the federal guidelines for PFAS in soil and groundwater. It has been determined through sampling that private drinking water taken from Lees Creek and Trout Lake contain PFAS as well.

The City notified DND and senior federal politicians of these exceedances and

suggested a contribution agreement. Shared contribution agreements are in place to allow the federal government (DND) to fund remediation on land they do not own where they are responsible for a portion of the contamination. The contribution agreement was approved at treasury board June 24, 2021 and was approved for execution by North Bay City Council July 13, 2021.

Moving forward, the consulting and remediation works at the airport site will be managed by the City and funded through the Contribution Agreement. The management of the remediation works at the City requires the support of a qualified and experienced Consultant. The Consultant's scope of work includes conducting a site specific risk assessment including biota and fish tissue sampling in order to establish remedial objectives, sampling program in support of the risk assessment and preliminary design, treatability studies, remediation options analysis, environmental assessment, tender ready remediation design, construction assistance as well as performance monitoring following construction.

Financial/Legal Implications

A formal bid request, which closed August 30, 2021, was administered by the Purchasing Department and was publically advertised in accordance with the City's Purchasing By-Law 2013-200. Nine proposals were evaluated by the Purchasing Manager, the Senior Facilities & Environment Engineer, Director Public Works & Parks and the City Engineer. The evaluation considered experience, qualifications, response to scope of work, an interview and price.

The results are as follows:

Ranking	Company	Overall Score
1	Jacobs Consultancy Canada Inc.	107.97
2	Dillon Consulting Limited	100.40
3	Stantec Consulting Ltd.	83.00
4	GHD Limited	81.18
5	Golder Associates Ltd	80.65
6	Arcadis Canada Inc.	80.40
7	Geosyntec Consultants International Inc.	78.52
8	Englobe Corp.	75.19
-	EnVision Consultants Ltd.	*

* Proponents marked with an asterisk provided proposals that did not meet the minimum mandatory requirements

The City entered into negotiations with the top scoring proponent, Jacobs Consultancy Canada Inc. to further refine the scope of work. The revised proposal of \$4,987,238.42 (plus HST) from Jacobs Consultancy Canada Inc. represents an estimate of the total cost based on a more defined scope of work including provisional items and allowances. Under the terms of the contract, the City will pay for actual unit costs and hours required at the rates provided in their proposal which will be based on the scope of remediation work identified throughout the project.

As outlined in RTC OI 2021-08, an agreement was executed with the Department of National Defense regarding funding for this work. Capital Project No. 4132WS has been established to record expenses and recovery of eligible expenses under this agreement. The Contribution Agreement is for a total sum of \$20 million over a 6 year term. The City's share of costs is 3% of actuals up to a maximum of \$600,000. The agreement was based on estimated costs at a point in time; however, assumptions used in the estimates will depend heavily on decisions made over the next few years during consultation with Ministry of Environment Conservation and Parks ("MECP"). The shared responsibility agreements allows the City to submit a second proposal, if required, through the shared responsibility framework for additional costs of the remediation once a more detailed project estimate can be obtained.

Corporate Strategic Plan

- | | |
|---|--|
| <input checked="" type="checkbox"/> Natural North and Near | <input type="checkbox"/> Economic Prosperity |
| <input type="checkbox"/> Affordable Balanced Growth | <input type="checkbox"/> Spirited Safe Community |
| <input checked="" type="checkbox"/> Responsible and Responsive Government | |

Specific Objectives

Protect, promote and enhance the environment in all aspects of the city's operations and plans.
Maximize funding opportunities with other governments

Options Analysis

Option 1: That City Council approves the award of a contract to Jacobs Consultancy Canada Inc. in the amount of up to \$4,987,238.42 (plus HST) for the provision of engineering consulting services related to PFAS environmental remediation at the North Bay Jack Garland Airport.

Option 2: Do not award a contract. This option is not recommended as there are areas of known contamination on City owned lands which require immediate attention.

Recommended Option

That City Council approves the award of a contract to Jacobs Consultancy Canada Inc. in the amount of up to \$4,987,238.42 (plus HST) for the provision of engineering consulting services related to PFAS environmental remediation at the North Bay Jack Garland Airport.

Respectfully submitted,

Name: Mary-Ann Kotylak, CPPB, CPPO
Title: Manager of Purchasing

Name: Karin Pratte, P.Eng.
Title: Senior Environment & Facilities Engineer

We concur with this report and recommendation.

Name Domenic Schiavone
Title: Director Public Works & Parks

Name: Margaret Karpenko, CPA, CMA
Title: Chief Financial Officer /Treasurer

Name: David Euler, P.Eng., PMP
Title: Chief Administrative Officer

Personnel designated for continuance:

Name: Karin Pratte, P.Eng.
Title: Senior Environment & Facilities Engineer