



City of North Bay Report to Council

Report No: IO-2024-003

Date: February 13, 2024

Originator: Karin Pratte, P.Eng.

Business Unit:

Department:

Infrastructure and Operations

Environmental Services

Subject: PFAS Environmental Remediation

Closed Session: yes no

Recommendation

That City Council approves a contract increase of \$3,097,198.00 (plus HST) for a new contract price of \$8,080,540 (plus HST) to Jacobs Consultancy Canada inc. for RFP 2021-79 Engineering Consulting Services PFAS Environmental Remediation for the provision of engineering consulting services related to PFAS environmental remediation at the North Bay Jack Garland Airport as outlined in Report to Council No. IO-2024-003 dated February 13, 2024 from Karin Pratte.

Background

The North Bay Jack Garland Airport lands ("Site") have been owned by the City of North Bay (City) since 1998, prior to which they were under the ownership of Transport Canada from 1939 to 1998. The Department of National Defence (DND) utilized and released aqueous film-forming foams (AFFF) containing Perfluoralkylated (PFAS) for decades at the Site while it was owned by Transport Canada. Environmental investigations have confirmed that there are locations at the Site that exceed current guidelines for PFAS in soil, groundwater and surface water.

The City and the DND reached an agreement to address the remediation of PFAS at the Site. The \$20 million contribution agreement, which is funded by DND at 97% (\$19.4 million) and by City at 3% (\$600,000), was approved for execution by North Bay City Council on July 13, 2021.

Environmental Investigations Completed to Date

The City engaged Jacobs Consultancy Canada Inc. ("Jacobs"), a top ranked environmental consulting firm, to assist in the environmental remediation process for the Site. Jacobs consulting contract, which was approved for execution by North Bay City Council in October of 2021, included environmental assessments, site-specific risk assessments, developing remediation objectives and designing the remediation plan. Jacobs has completed field investigations which included soil, groundwater and surface water samples, analysis and reporting, risk assessments and soil/groundwater remediation option analysis. Jacobs has aided the City, as a technical representative, in liaison with DND, Ministry of Environmental, Conservation and Parks ("MECP") and the Health Unit.

Jacobs has developed a remediation plan for the Site. The first phase, which focuses on preventing PFAS from leaving the Site, includes soil, groundwater and surface water remediation in the most contaminated areas, also known as "hot spots". The first phase of remediation includes the following:

- Removal and treatment of the most contaminated soil
- Adsorptive material injected at the Site boundary in hot spots to treat groundwater prior to leaving the Site.
- Adsorptive material at the surface water exit locations from the Site to prevent surface water contaminated with PFAS from moving downstream.

The activities above will be subject to further procurement processes to engage the required proponents to complete the construction phase of the remediation plan.

The updated and phased remediation approach allows the City to begin with a projected start date in June 2024. Moving forward with this phase of remediation of the Site demonstrates the City's continued dedication to ensuring that remediation is completed as quickly as possible.

Financial/Legal Implications

Council approved the award of contract to Jacobs in October 2021 to assist in the environmental remediation process for the Site. The contract amount of \$4,987,238.42 (plus HST), included environmental assessments, site-specific risk assessments, developing remediation objectives, conducting treatability studies and designing the remediation plan.

In accordance with the Contingency Management section of the City's Purchasing By-law 2023-200 which requires expenditures that are expected to exceed the awarded Contract amount by fifteen percent (15%) or greater to be approved by Council. The MECP approved field program significantly increased the scope of work included in Jacobs existing contract, with almost 6 times the number of samples required. This also leads to increased reporting requirements. Actuals to date for the PFAS Consulting contract with Jacobs total \$3,097,198.00 (plus HST).

Jacobs, has provided an updated cost proposal which will expedite and focus

remediation on the most contaminated areas at the Site. Jacobs updated proposal includes phase 1 remediation design, site supervision, confirmation sampling analysis and reporting for a new total contract price of \$8,080,540.

This increase in scope of work by Jacobs is eligible for claim in the current shared responsibility agreement with DND and will be submitted to DND for reimbursement. DND will fund 97% of the costs and City will fund 3% of the total costs to Jacobs.

Corporate Strategic Plan

- Natural North and Near
- Affordable Balanced Growth
- Responsible and Responsive Government
- Economic Prosperity
- Spirited Safe Community

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 a contract increase of \$3,097,198.00 (plus HST) for a new contract price of \$8,080,540 (plus HST) to Jacobs Consultancy Canada inc. for RFP 2021-79 Engineering Consulting Services PFAS Environmental Remediation for the provision of engineering consulting services related to PFAS environmental remediation at the North Bay Jack Garland Airport

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

Recommended Option

That City Council approves a contract increase of \$3,097,198.00 (plus HST) for a new contract price of \$8,080,540 (plus HST) to Jacobs Consultancy Canada inc. for RFP 2021-79 Engineering Consulting Services PFAS Environmental Remediation for the provision of engineering consulting services related to PFAS environmental remediation at the North Bay Jack Garland Airport as outlined in Report to Council No. IO-2024-003 dated February 13, 2024 from Karin Pratte.

Respectfully submitted,

Name: Karin Pratte, P.Eng.

Title: Senior Environment & Facilities Engineer

I concur with this report and recommendation

Name: Alan Korell, P.Eng.

Title: City Engineer – Infrastructure and Operations

Name: Margaret Karpenko, CPA, CMA

Title: Chief Financial Officer /Treasurer

Name: John Severino, P.Eng., MBA

Title: Chief Administrative Officer

Personnel designated for continuance:

Name: Karin Pratte, P.Eng.

Title: Senior Environment & Facilities Engineer