



City of North Bay Report to Council

Report No: IO-2023-003

Date: April 24, 2023

Originator: Reid Porter

Business Unit:

Department:

Infrastructure and Operations

Engineering

Subject: McKeown Ave Reconstruction – Increased Scope

Closed Session: yes no

Recommendation

1. That City Council approve a contract increase of \$30,000.00 plus HST to R.V. Anderson Associates Limited (RVA) for RFP 2021-99 McKeown Avenue Reconstruction Engineering Consulting Services for Design and EA Amendment as outlined in Report to Council No. IO-2023-003 dated April 24, 2023 from Reid Porter.

Background

In January of 2022 the City of North Bay awarded a contract to R.V. Anderson Associates Limited (RVA) for the reconstruction and widening of McKeown Avenue from Gormanville Road to Cartier Street. The project included a Municipal Class Environmental Assessment (EA) Addendum and detailed design for a 4-lane roadway, including implementation of active transportation facilities.

Upon completion of the original scope of work summarized above and during the EA Addendum public consultation process, many comments were received concerning the section of McKeown Avenue between Cartier Street and Champlain Street which is outside the original scope of the assignment. As a result, the City extended the EA limits in accordance with the Municipal Class EA process requirements. Extending the EA limits will also permit the City to complete future traffic upgrades work between Cartier and Champlain without having to complete another EA Addendum.

In order to expedite completion of the EA and preliminary design, the majority of the additional scope work was approved in accordance with the Contingency Management section of the City's Purchasing By-law 2013-200

which requires expenditures that are expected to exceed the awarded Contract amount by fifteen percent (15%) or greater and in situations in which the change order will exceed the overall approved budget to be referred to Council for consideration. As of the date of this report the CAO has approved contract increases of 13.8% (\$65,857.00 +HST).

Financial/Legal Implications

Since acceptance of RVA's original EA Addendum and detailed design proposal of \$307,140.00 (+HST) (does not include construction inspection and tendering fees) in January of 2022, various scope changes have resulted in a total engineering fee increase of \$86,464.50 plus HST. A fee of \$65,857.00 (+HST) was approved in accordance with the Contingency Management section of the City's Purchasing By-law 2013-200 as mentioned above. Professional Engineers Ontario indicate that the cost of engineering is generally in the 8% to 10% range of the construction cost estimate depending on complexity of the assignment. The estimated construction cost for the widening of the McKeown Avenue is \$8.5M. Therefore, R.V. Anderson Associates' engineering fees are below typical provincial costs for projects of this magnitude.

Additional work in the amount of \$20,607.50 (+HST) is required to complete the permanent traffic signal design for the McNamara intersection and an additional \$9,392.50 (+HST) is required for ongoing design changes as a result of conflicts with utilities, changes to stormwater management, additional land acquisitions, etc. as the design progresses towards completion for a total of \$30,000.00 (+HST) which exceeds the CAO's threshold of 15%. The project has sufficient budget authority.

Corporate Strategic Plan

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

Specific Objectives

Maintain infrastructure across the city in a good state of repair.

Maximize funding opportunities with other governments.

Options Analysis

Option 1: That City Council approve a contract increase of \$30,000.00 plus HST to R.V. Anderson Associates Limited (RVA) for RFP 2021-99 McKeown Avenue Reconstruction Engineering Consulting Services for Design and EA Amendment as outlined in Report to Council No. IO-2023-003 dated April 24, 2023 from Reid Porter.

Option 2: Do not approve the additional design fees. This option is not recommended as the EA Addendum will not be completed and the construction project will not be able to be tendered and will risk forgoing approximately \$4.166M of contributions from the Investing in Canada Infrastructure Program: Rural & Northern Stream.

Recommended Option

1. That City Council approve a contract increase of \$30,000.00 plus HST to R.V. Anderson Associates Limited (RVA) for RFP 2021-99 McKeown Avenue Reconstruction Engineering Consulting Services for Design and EA Amendment as outlined in Report to Council No. IO-2023-003 dated April 24, 2023 from Reid Porter.

Respectfully submitted,

Name: Reid Porter, P.Eng.

Title: Infrastructure Engineer

I concur with this report and recommendation

Personnel designated for continuance:

John Severino, P.Eng., MBA
Interim Chief Administrative Officer / City Engineer

Margaret Karpenko, CPA, CMA
Chief Financial Officer /Treasurer

Adam Lacombe, P. Eng.
Senior Capital Program Engineer