



The Corporation of the Municipality of Arran-Elderslie

Staff Report

Council Meeting Date: July 8, 2024

Subject: SRWS.24.03 Arran-Elderslie and Abraflex Joint Water Infrastructure Upgrades

Report from: Chris Legge, Water & Sewer Foreperson

Appendices: Appendix 1 - GM Blue Plan 221093 Draft Sketch

Recommendation

Be It Resolved that Council hereby,

1. Authorizes Staff to proceed to finalize the agreement and plans associated with the proposed joint water infrastructure upgrades as outlined in report SRWS.24.03;
2. Grants an exemption to Article 4.7 of By-Law 59-09 – Finance: Procurement Policy and authorizes R.F. King Contracting Ltd. to complete the works; and
3. Directs staff to bring a bylaw forward following the satisfactory completion of the project to assume the infrastructure into the municipal water system.

Report Summary

The intent of this report is to advise Council of a proposed watermain upgrade project that would be undertaken by Abraflex in Paisley for a fire protection system.

Staff are seeking Council approval to proceed with the project in conjunction with Abraflex in an effect to improve the current infrastructure in a cost-effective manner.

Background

Abraflex operates an industrial building located at 3437 Bruce Rd 3 (Queen St. N) in Paisley. As part of their ongoing operations, they require a fire protection service water main to their building. The current Arran-Elderslie owned infrastructure in the area is 4-inch which is undersized and does not provide sufficient flow for an engineered fire suppression system. An 8-inch watermain is needed to ensure the system is operational.

Analysis

Abraflex has worked with GM BluePlan to complete the design and engineered planning necessary to install a fire suppression system to their industrial building. A number of different options were explored through meetings and onsite visits to determine the most cost effective and efficient solution to provide the needed upgrade of an 8-inch watermain for an operational fire suppression system.

Arran-Elderslie has infrastructure that is sufficient to supply the proper flow of water located at the end of Ross Street following an upgrade project in 2009.

Abraflex has proposed to fund the cost of upgrading approximately 86 metres of the current 4-inch watermain to 8-inch, beginning at the end of Ross Street south to the south edge of the Abraflex property and then turn west and install a main across Bruce Road 3 and continue onto Abraflex private property and into the industrial building.

Arran-Elderslie would assume the ownership of all new and upgraded watermain in the Bruce County road allowance upon final completion of the upgrade project.

Traditionally, when watermain upgrades are undertaken, upgrades to homeowner water services as well as fire hydrants are also completed. The proposed section of replacement includes three (3) service line connections, and one (1) fire hydrant. The cost to replace these services and hydrant would be paid for by Arran-Elderslie.

Abraflex has selected R.F. King Contracting of Owen Sound to complete the watermain install and service work. This company has completed satisfactory projects for the Municipality in the past.

Link to Strategic/Master Plan

6.1 Protecting Infrastructure, Recreation and Natural Assets

6.4 Leading Financial Management

Financial Impacts/Source of Funding/Link to Procurement Policy

Based on current construction cost estimates, the upgrade of an undersized water main of 86 metres in length from a 4-inch watermain to 8-inch, including three (3) service lines, one (1) fire hydrant, pipe, fittings and supplies would be approximately \$60,000 for the entire project.

Completing this project in conjunction with Abraflex, the cost to Arran-Elderslie is estimated to be \$30,000. The project would be funded through the water reserves.

As noted earlier, Abraflex has selected R.F. King Contracting to complete their portion of the works. Staff believe that it is most cost effective for R.F. King Contracting to complete the Arran-Elderslie portion of the work when they will already be in the vicinity and that an exemption be granted to Article 4.7 of the Procurement Bylaw 59-09 where due to the reasons of time, or nature of the goods to be purchased, the Municipality would be best suited by a direct purchase. It is most cost effective for R.F. King Contracting to complete the work when they will already be constructing services in the vicinity.

Approved by: Sylvia Kirkwood, Chief Administrative Officer