
REPORT TITLE: **Supply of Industrial Automation Software, Maintenance and Support at Various Wastewater Pumping Stations (Document 2021-153N)**

FROM: Sean Baird, Commissioner of Digital and Information Services
 Andrea Warren, Interim Commissioner of Public Works

RECOMMENDATION

That a contract (Document 2021-153N) for the supply of industrial automation software, maintenance and support at various wastewater pumping stations be awarded to Inductive Automation in the estimated amount of \$55,690.00 USD, (excluding applicable taxes), for a contract period of 12-months pursuant to Procurement By-law 30-2018, as amended;

And further, that authority be granted to renew the Contract on an annual basis (or for multiple years at a discounted rate) for ongoing maintenance, support, and to increase the Contract for any upgrades and additional licenses for the lifecycle of the solution, subject to satisfactory performance, price and approved budget.

REPORT HIGHLIGHTS

- The Inductive Software is currently used by the Region for its Wastewater pumping stations.
- The software is used primarily for automated alarming mitigating events and water quality issues as well as generating historical data for future analysis.
- The software was installed as part of a multi-million dollar project for the construction of Wastewater Pumping Stations Control and Security Systems upgrades in 2014.
- Annual renewals are required to continue receiving maintenance and support for the software from the Vendor.
- The industrial automation software is proprietary to Inductive Automation and licensing, maintenance and support is only available direct from the manufacturer.

DISCUSSION

1. Background

The Inductive software has been in use by the Region of Peel's Wastewater pumping stations for the past seven years.

The software is a powerful solution for rapidly developing high-performance human-machine interfaces designed to optimize operator efficiency. It provides operations departments for both the Wastewater and Water pumping stations with information on the performance and efficiency of the pumping station systems.

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Operations are informed of process upset conditions through automated alarming mitigating events and water quality issues. Further information is gathered from the systems to provide historical data for future analysis.

Originally, the software was part of a multi-million dollar project for the construction of Wastewater Pumping Station Control System and Security System Upgrades under Document 2014-446T awarded to Summa Engineering Ltd. as the general contractor (GC) responsible for the entire upgrades of the control system and security access system for 24 wastewater pumping stations. The GC installed the software manufactured by Inductive Automation with a one-year warranty for software support and maintenance. When the warranty expired in 2016, a sole source was authorized by Procurement to renew the support and maintenance for a firm period of five years directly with the software manufacturer, Inductive Automation.

The current five-year term expires on March 31, 2021 and in order to ensure uninterrupted support for the software, approval is requested to renew the support agreement for a period of 12-months with an option to renew annually (or for multiple years at a discounted rate) for as long as the system is required.

Continued proprietary licensing, maintenance and support is required for the operation of the system. Based on continued successful operation, staff conclude that the continued licensing and support plan of the vendor is acceptable and provides good value to the Region.

2. Procurement Process

This is a non-competitive procurement process and requires Regional Council approval. The process to award this contract is in compliance with the Procurement By-law 30-2018, as amended.

FINANCIAL IMPLICATIONS

Sufficient funding is available in the Operating Budget under Cost Centre WP11000.

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