

COUNCIL REPORT

M&C No.	2019-163
Report Date	July 02, 2018
Meeting Date	July 08, 2018
Service Area	Saint John Water

His Worship Mayor Don Darling and Members of Common Council

SUBJECT: Proposal for Cured-in-Place Point Repair Liners

OPEN OR CLOSED SESSION

This matter is to be discussed in open session of Common Council.

AUTHORIZATION

Primary Author	Commissioner/Dept. Head	City Manager
<i>Jason Leclerc</i>	<i>Brent McGovern</i>	<i>John Collin</i>

RECOMMENDATION

It is recommended that the standing offer agreement for the supply and installation of Cured-in-Place Point Repair Liners and associated work be awarded to Industrial Hydro-Vac NB Limited for 2019 with an option to extend for years two through five.

EXECUTIVE SUMMARY

The purpose of this report is to seek Council's approval for the award of the supply and installation of cured-in-place point repair liners and associated work to support advancement of the City's sewer maintenance program. During inspections of the sewer collection systems, defects are identified that can be repaired with cost effective trenchless technologies.

This initiative was approved as part of the 2019 budget process for the 2019 Water and Sewerage Utility Fund.

Advancing this sewer maintenance program supports the sustainable management of sanitary sewer infrastructure by extending the useful life of the sewer assets at the lowest possible cost while also minimizing disruptions to motorists and businesses.

PREVIOUS RESOLUTION

Not applicable

STRATEGIC ALIGNMENT

Valued Service Delivery – Saint John invests in sustainable City services and municipal infrastructure. The award of the standing offer agreement for Cured-in-place Point Repair Liners and associated work supports Council's Priorities and in this case reinforces the customer-focused services by exploring service improvements through innovation and technology.

REPORT

In 2018, as part of the sewer asset management and maintenance program, a standing offer agreement was issued for CCTV Video inspection and associated works in order to greatly improve the accuracy and completeness of the asset management data as well as to provide ongoing inspection of the sewer collection system. The inspection program has provided Saint John Water with an improved understanding of asset conditions. It has also provided Saint John Water an opportunity to implement the latest technology in trenchless repairs or Cured-in-Place Point Repair Liners.

As part of the CCTV Video Inspection program, the City now inspect 65,000m every year in order to complete a system wide inspection every 10 years. As part of these inspections, multiple defects are discovered that are suitable for sewer rehabilitation by trenchless technology.

The advantages of trenchless technologies like Cured-in-Place Point Repair Liners are that the repair has a reduced cost over traditional construction methods as it avoids the traditional approach of street excavation, limited disruptions to the public and they enable Saint John Water to extend the life of the asset at the lowest possible cost. Cured-in-Place Point Repair Liners also allow for the prevention of serious sudden sewer failures or backups which limits the City's liability while at the same time improving the level of service.

SERVICE AND FINANCIAL OUTCOMES

Saint John Water will be the primary user of the Supply Agreement but other departments like Transportation and Environment Services will also benefit from this standing offer to complete Cured-in-Place Point Repair liners for the storm sewer infrastructure.

The total estimated cost of this one year standing offer agreement will be approximately \$75,000 plus HST, which will be managed within the 2019 approved budgets.

INPUT FROM OTHER SERVICE AREAS AND STAKEHOLDERS

Materials Management facilitated the Request for Proposal (RFP) process to solicit proposals for Cured-in-Place Point Repair Liners.

As such the RFP closed on Thursday, May 16, 2019 with the following companies responding by submitting proposals:

- AVL Construction Group Inc. – Drummond, NB
- Eastern Trenchless Limited – Fredericton, NB
- Services Infraspec Inc. – Laval, QC
- Industrial Hydrovac NB Ltd. – Saint John, NB

A review committee, consisting of staff from Materials Management and Saint John Water reviewed the submission for completeness and compliance with the RFP requirements and selection criteria consisting of the following:

1. *Quality and Completeness*
2. *Proponent's Experience*
3. *Experience and Qualification of Key Personnel*
4. *Equipment*
5. *Cost*

The submission from Eastern Trenchless Limited was rejected as non-compliant due to an unapproved alternate repair liner product being submitted which does not meet the requirements of the RFP.

The proposal submitted by Industrial Hydro-Vac NB Limited was ranked highest by the evaluation committee and met all the requirements set forth in the RFP at the lowest cost.

The above process is in accordance with the City's Procurement Policy and Materials Management support the recommendation being put forth.

ATTACHMENTS

No Attachments