

## REGULAR COUNCIL

TO: **Mayor & Council** DATE: **January 18, 2018**

FROM: **General Manager, Engineering** FILE: **1216-052/03**

SUBJECT: **Pre-Qualification of Contractors for Water Main Rehabilitation by Cured in Place Pipe Lining**

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## RECOMMENDATION

The Engineering Department recommends that Council approve, as “pre-qualified contractors” for the years 2018 to 2021, the contractors described in this report for the Water Main Rehabilitation by Cured in Place Pipe Lining (“CIPP”) project.

## INTENT

The purpose of this report is to obtain approval of a list of pre-qualified contractors for Water Main Rehabilitation by CIPP.

## BACKGROUND

The City’s water main replacement program focuses on replacing old asbestos cement and cast iron mains in the system. To date, the construction method of choice in water main replacement has been open-cut construction. In an effort to explore emerging construction practices that have the ability to reduce cost and neighbourhood impacts, the Engineering Department is seeking to expand its use of trenchless methodologies. One of these emerging technologies is CIPP lining.

## DISCUSSION

The City has adopted an approach of pre-qualifying contractors for some construction works in the past, and the Engineering Department is seeking to establish a similar process for water main rehabilitation by CIPP to ensure experienced contractors with a high standard of workmanship, experience, and adequate resources are available to complete the work.

An advertisement was posted on the City’s website and BC Bid inviting contractors to submit a Statement of Qualifications (“SOQs”).

A total of four contractors submitted SOQs for consideration by the City. Below are the selected pre-qualified contractors:

1. Fer-Pal Construction Ltd.;
2. Insituform Technologies Ltd.;
3. Michels Canada Co.; and
4. Robert B. Somerville Co. Limited.

The 2018 pre-qualified contractors list will be used during the tendering of the City-initiated CIPP projects from 2018 through 2021.

### **Evaluation of Submissions**

The submissions were evaluated based on the following criteria:

- Company profile;
- Financial capacity;
- Work experience;
- Technical capacity;
- General contracting experience;
- CIPP liner installation experience; and
- Technical details of proposed liner.

All four of the contractors that submitted SOQs were determined to be qualified and the Engineering Department recommends that Council include them on the pre-qualified contractors list.

### **SUSTAINABILITY CONSIDERATIONS**

The pre-qualification of contractors for Water Main Rehabilitation by CIPP supports the objectives of the City's Sustainability Charter. In particular, the pre-qualification of contractors supports the Sustainability Charter theme of Infrastructure by minimizing operational and maintenance costs. Specifically, the pre-qualification supports the following Desired Outcomes and Strategic Directions:

- All Infrastructure DO1: City facilities and infrastructure systems are well managed, adaptable and long lasting, and are effectively integrated into regional systems;
- All Infrastructure DO2: Infrastructure systems provide safe, reliable and affordable services;
- All Infrastructure SD2: Develop and manage our assets to adapt to technological change; and
- Water DO16: Surrey's water is clean, abundant and safe for drinking.

### **CONCLUSION**

Based on the above, the Engineering Department recommends that Council approve, as "pre-qualified contractors" for the years 2018 to 2021, the contractors described in this report for the Water Main Rehabilitation by CIPP project.

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