



COUNCIL REPORT

Report Date: March 13, 2025
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Meeting Date: April 16, 2025
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TO: Standing Committee on City Finance and Services
FROM: General Manager of Engineering Services and Chief Procurement Officer
SUBJECT: Contract Award for Supply and Delivery of Reinforced Concrete Pipe, Maintenance Hole Sections, Bases, and Tops

Recommendations

- A. THAT Council authorize City staff to negotiate and enter into an agreement with Langley Concrete and Tile Ltd. for the supply and delivery of reinforced concrete pipe, including maintenance hole sections, bases, and tops. The total estimated contract value is \$23,039,250, plus applicable taxes, over an initial three-year term, with the option for three successive two-year unilateral extensions (the "Agreement"). The Agreement will be funded from the Approved Multiyear Capital Program Budget of Sewer Main Renewal Program, with initial years of the contract primarily supporting the Alberta Trunk and the Balaclava Basin.
- B. THAT Council delegate its authority to execute the Agreement to the City's Director of Legal Services, Chief Procurement Officer, and General Manager of Engineering Services.

No legal rights or obligations will be created by Council's approval of Recommendations A and B unless and until the City executes and delivers the Agreement.

Purpose and Executive Summary

The City issued a Request for Proposal ("RFP") No. PS20251107-ENG-RFP on January 20, 2025, for Supply and Delivery of Reinforced Concrete Pipe, Maintenance Hole Sections, Bases, and Tops. These precast concrete items are used by our internal crews to construct new sewers for our renewal and growth-related upgrade projects. The maintenance hole products are assembled on site to build new maintenance access chambers that connect new sewers to the existing sewer network and the concrete pipe is used to construct our larger storm and sanitary sewers that are 450mm to 1800mm in diameter. The estimated volume of precast concrete product for the initial three-year term is approximately 300 maintenance holes and 9 kilometres of pipe.

The City's network of pipes, which form the backbone of our critical infrastructure, has a current estimated replacement value of \$10.4 billion. To ensure the sustainability and functionality of this essential infrastructure, the 2023–2026 capital plan allocated \$329 million toward pipe-related projects. Items purchased through this contract will be used by City crews to deliver pipe renewal and upgrade projects around the City.

The City advertised the RFP on the City of Vancouver e-sourcing website and BC Bid in accordance with the City's Procurement Policy (ADMIN-008). City staff on the RFP evaluation committee, and, subsequently, the Bid Committee have considered the responses received and recommended that the City negotiate an agreement with with Langley Concrete and Tile Ltd.

Council Authority/Previous Decisions

The City's Procurement Policy (ADMIN-008) requires Council approve contracts with a total value greater \$3,000,000 following review and recommendations by the City's Bid Committee. The Bid Committee has considered the bids and recommends Langley Concrete and Tile Ltd. as the successful proponent.

There is no applicable Council authority or previous decisions related to this report.

City Manager's Comments

The City Manager concurs with the foregoing recommendations.

Context and Background

The City's sewage system consists of over 2,100 km of separated and combined mains connected by 31,000 maintenance holes (MHs). The sewer mains range from 150mm to over 1500mm in diameter with concrete pipe typically used when renewing mains larger than 375mm.

The City has used concrete pipe and maintenance holes over the last 100 years. The City maintains an ongoing sewer asset management program that reviews the age and condition of the pipe system to maintain the condition of the sewerage network. The program identifies pipe sections that have reached the end of their service life and selects them for replacement.

The purpose of the RFP was to identify a supplier with the capability to meet the City's requirements for supply and delivery of reinforced concrete pipe, maintenance hole sections, bases, and tops while offering a competitive price and satisfactory service.

Discussion

The RFP was issued in accordance with the City's Procurement Policy (ADMIN-008). The City received a response from Langley Concrete and Tile Ltd. The response was evaluated, using both quantitative and qualitative factors, by an evaluation team comprised of representatives from Engineering Services (Urban Watersheds, Sewers & Drainage), under the stewardship of Supply Chain Management, to assess the response's overall value.

Some of the criteria considered in the overall evaluation process included:

- The proponent's company experience, reputation, and overall capability in meeting the required product specifications;

- Ability to meet the City’s service requirements, including but not limited to, delivery lead time, supplier’s inventory level, account management, warranty;
- Price; and
- Demonstrated ability to adhere to the City’s values, including sustainability.

The evaluation team concluded that the proposal submitted by Langley Concrete and Tile Ltd. met the City’s requirements and provided the best overall value to the City.

Financial Implications

Finance has reviewed and confirmed that funding for the initial term of the contract is secured through the Approved Multiyear Capital Program Budget under the Sewer Main Renewal Program. This funding will primarily support internal delivery on sewer renewal and growth-related upgrade projects located throughout the City. Future extension of the contract will be on an if and when needed basis depending on available approved capital program funding for Sewer Main Renewal. It should be noted that the quantities outlined in the RFP are estimates and may vary based on actual needs and the approved budget. However, the outcome of the RFP process allows the City to achieve cost certainty for the proposed initial three-year contract term.

Legal Implications

The City’s Procurement Policy (ADMIN-008) requires the Director of Legal Services to execute all contracts that have been awarded by the Bid Committee and Council.

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