

REGULAR COUNCIL

TO: Mayor & Council **DATE: January 6, 2017**
FROM: General Manager, Engineering **FILE: 1716-017-00**
SUBJECT: Award of Contract M.S. 1716-017-11
103 Avenue District Energy and Roadworks

RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract M.S. 1716-017-11 to Bel Contracting in the amount of \$2,834,878.20 including GST, for 103 Avenue District Energy and Roadworks;
2. Set the expenditure authorization limit for Contract M.S. 1716-017-11 at \$3,120,000.00, including GST and contingency; and
3. Authorize the General Manager, Engineering to execute Contract M.S. 1716-017-11.

SCOPE OF WORK

The construction project consists of the installation of 1,100 lineal metres of District Energy (DE) piping, 120 lineal metres of steel casing pipe, and associated building mechanical work at 3 Civic Plaza and the City Hall Parkade.

The proposed piping on 103 Avenue will extend from 133A Street to the City Hall parkade (P1 level), where the ceiling-mounted pipe will provide service to 3 Civic Plaza and tie-in to the existing geothermal system. The DE piping will exit the south-east corner of the parkade; continuing east along 103 Avenue and across City Parkway in advance of the proposed LRT works. The 103 Avenue final road works and extension will proceed in a future contract by others in 2018 after 3 Civic Plaza construction and Translink Surrey Central Skytrain upgrades are completed.

The project is listed in the following table and also illustrated on the map attached to this report as Appendix "I":

Project #	Project Description	Location
5516-102-00	Phase 3 & 4 District Energy and Roadworks	103 Ave: 133A St to City Parkway

The contract work is expected to start in February 2017 and be completed by July 2017.

TENDER RESULTS

Tenders for the subject contract were opened on December 22, 2016 with the following results:

<i>Contractor</i>	<i>Tendered Amount with GST</i>	<i>Corrected Amount</i>
1. Bel Contracting	\$2,834,878.20	No Change
2. Tybo Contracting Ltd.	\$2,920,422.75	No Change
3. Pedre Contractors Ltd.	\$2,940,000.00	\$2,941,050.00
4. B. Cusano Contracting (2007) Inc.	\$3,255,000.00	No Change
5. Robert B. Somerville Co. Limited	\$4,414,002.60	No Change

The Engineer's (Aplin & Martin Consultants Ltd.) pre-tender estimate was \$2,835,000, including GST.

EVALUATION

The City's consultant reviewed the tender submissions for accuracy and completeness. There was one arithmetic error that had no bearing on the outcome of the tender process. All submissions included the required 10% bid bond, were signed on the Tender Form, and were initialed on the Summary Sheet of the Schedule of Quantities and Prices.

The low bidder, Bel Contracting, has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 85 working days, as stipulated in the contract. Bel Contracting's past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that Bel Contracting be awarded Contract M.S. 1716-017-11.

SUSTAINABILITY CONSIDERATIONS

The work of this contract relates to the Sustainability Charter themes of Energy and Climate. In particular, the project supports the following City Sustainability Charter scope actions:

- Energy and Climate DO 8: Neighborhood-scale district energy systems provide low-carbon energy in dense urban neighborhoods;
- Buildings and Sites SD 13: Continue to support low-carbon district energy networks; and
- Buildings and Sites SD 17: Better integrated community and corporate green building and infrastructure strategies.

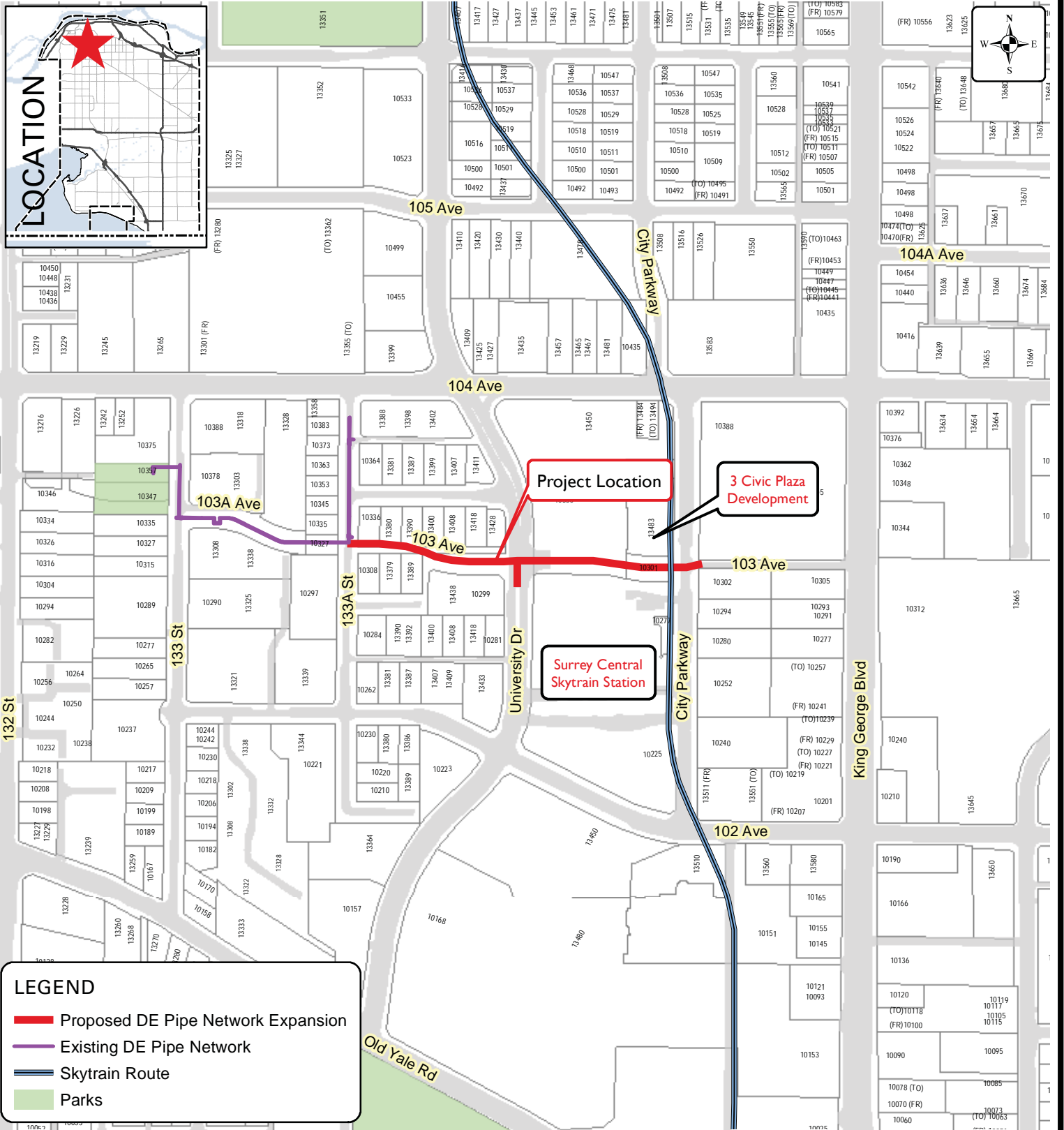
FUNDING

Funding for this contract is available in the approved 2017 District Energy Budget.

Fraser Smith, P.Eng., MBA
General Manager, Engineering

TB/ras

Appendix "I" – Map of Locations – Contract M.S. 1716-017-11



Produced by GIS Section: 05-Jan-2017, AW8

Scale: 1:5,000 0 50 M



CONTRACT M.S. 1716-017-011 103 Avenue District Energy and Roadworks

ENGINEERING DEPARTMENT