

REGULAR COUNCIL

TO: **Mayor & Council** DATE: **February 15, 2017**

FROM: **General Manager, Engineering** PROJECT FILE: **4715-002/11**

SUBJECT: **Award of Contract M.S. 4715-002-11**
Sewer Odour Control Facilities Construction

RECOMMENDATION

The Engineering Department recommends that Council:

1. Award Contract M.S. 4715-002-11 to GCL Contracting & Engineering Inc. in the amount of \$2,332,946.70, including GST, for the construction of sewage Odour Control Facilities (OCFs) at the locations shown in Appendix "I";
2. Set the expenditure authorization limit for Contract M.S. 4715-002-11 at \$2,600,000.00, including contingency and GST; and
3. Authorize the General Manager, Engineering to execute Contract M.S. 4715-002-11.

SCOPE OF WORK

Sewage odours, primarily hydrogen sulphide (H₂S), can occur in sanitary sewer systems, particularly downstream of pump stations and forcemains because the flow can become septic during times when the pumps are off due to non-continuous flow. There are two locations in the City where sewage OCFs are recommended to mitigate such odours: in the 2900 Block of 156 Street ("Grandview Heights"); and in the 19000 Block of 40 Avenue ("Campbell Heights").

Odour issues are anticipated at the Grandview Heights Interceptor because the area is not fully developed. The new Fergus Creek pump station will become operational in 2017.

In Campbell Heights, odour complaints have been received from nearby residents after the completion of the Campbell Heights twin siphons which were installed in 2009. These complaints were then validated by the City in 2010 and 2012 through H₂S monitoring.

This construction package consists of the installation of two OCFs at the locations listed in the following table, which are also illustrated on the map attached to this report as Appendix "I".

Map Reference Number	Project Description	Location and Limits
1	Campbell Heights OCF	18988 - 40 Avenue
2	Grandview Heights OCF	2900 Block on 156 Street

The contract work is expected to start in March 2017 and be completed in September 2017.

TENDER RESULTS

Tenders for the subject contract were opened on February 7, 2017, with the following results:

<i>Contractor</i>	<i>Tendered Amount with GST</i>	<i>Corrected Amount</i>
1. GCL Contracting & Engineering Inc.	\$2,332,946.70	No Change
2. Kingston Construction Ltd.	\$2,333,963.10	\$2,368,844.09
3. Westport Construction Group Inc.	\$2,599,075.50	\$2,598,025.50
4. Merletti Construction (1999) Ltd.	\$2,934,004.50	No Change
5. Industra Construction Corp.	\$3,107,594.70	No Change

The Engineer's (AECOM Canada Ltd.) pre-tender estimate was \$2.2 million including GST.

EVALUATION

The City's consultant reviewed the tender submissions for accuracy and completeness. Two of the tenders contained minor arithmetic errors 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 initialled on the Summary Sheet of the Schedule of Quantities and Prices.

The low bidder, GCL Contracting & Engineering Inc., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 100 working days, as stipulated in the contract. GCL Contracting & Engineering Inc.'s past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that GCL Contracting & Engineering Inc. be awarded Contract M.S. 4715-002-11.

SUSTAINABILITY CHARTER/CONSIDERATIONS

This contract supports the objectives of the City's Sustainability Charter. The City is responsible for providing well-managed and integrated infrastructure systems. This relates to the Sustainability Charter theme of Infrastructure with overall goals of having facilities that are well-managed, adaptable, long lasting, and at the same time providing infrastructure that is effectively integrated into the regional system, which meets the current and future needs of the City while protecting the natural environment and supporting urban growth. Specifically, this contract supports the following Desired Outcomes:

- All Infrastructure Do1: City facilities and infrastructure systems are well managed, adaptable and long lasting, and are effectively integrated into regional systems; and
- All Infrastructure Do2: Infrastructure that provides safe, reliable and affordable service.

FUNDING

Funding for the subject contract is available in the approved 2017 Sewer Budget.

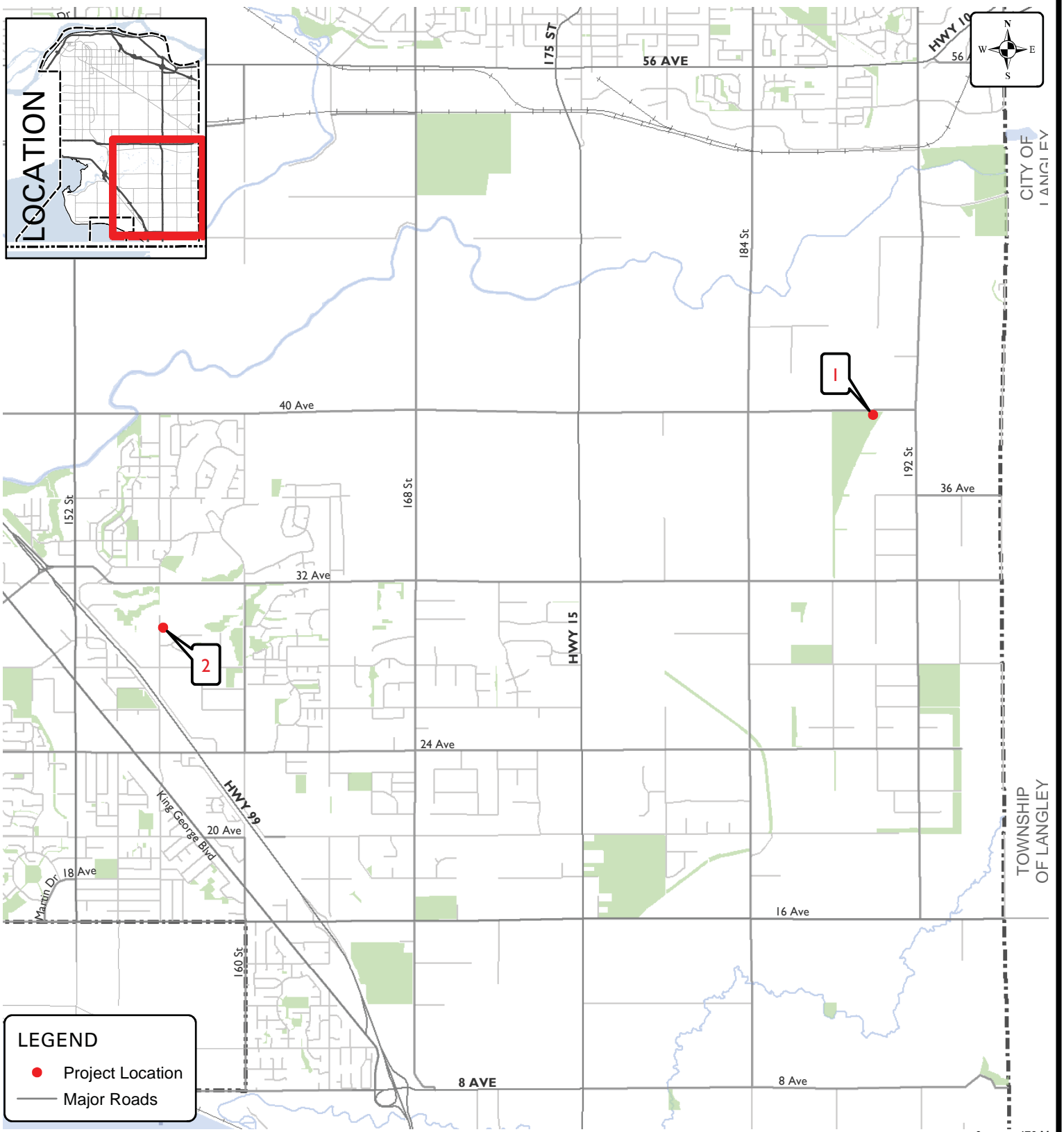
Fraser Smith, P.Eng., MBA
General Manager, Engineering

SBN/GKC/cc

Appendix "I" – Map of Locations – Contract M.S. 4715-002-11

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APPENDIX "I"



Contract M.S. 4715-002-11
Sewer Odour Control
Facilities Construction

ENGINEERING
DEPARTMENT