

COUNCIL MEETING
INFRASTRUCTURE SERVICES / ENGINEERING

REPORT ENG-2025-010
April 22, 2025

SUBJECT: Direct Appointment - Consulting Construction Inspection Services for Ontario Road Sanitary Trunk Sewer - Phase I

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APPROVING: Sherri-Marie Millar, P.Eng.
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RECOMMENDATION:

THAT THE COUNCIL OF THE CITY OF WELLAND direct staff to enter into a contract with Kerry. T. Howe Engineering Limited for contract administration and inspection services for the Ontario Road Sanitary Trunk Sewer – Phase 1 project at a cost of \$142,060.00 (plus HST).

RELATIONSHIP TO STRATEGIC PLAN

This recommendation is aligned to Council's strategic priority of ensuring "**Economic Growth**" for creating a diverse economy through partnerships and emerging markets to ensure sustainable growth and quality employment.

EXECUTIVE SUMMARY:

To address basement flooding and sewer surcharging within the Ontario Road catchment as a result of high inflow and infiltration, a multi-phased project to install a new trunk sanitary sewer was recommended in the City's 2022 wastewater servicing plans and further detailed in the Commercial Street Master Servicing Plan.

Supported by a provincial HEWSF grant, the Ontario Road trunk sanitary sewer is critical infrastructure for the city and must be completed by December 2025 to meet funding deadlines. Given the scope of the project, complexity of the trenchless construction method and the need for ongoing oversight, staff recommend consultant assistance in managing the project through construction.

As the engineering designer of the Ontario Road sanitary trunk sewer, Kerry. T. Howe Engineering Limited (KTH) has an unparalleled understanding of the project. Together with their significant expertise and vested interest in the successful outcome of the project, KTH is uniquely suited to conduct this work. To that end, staff are recommending the direct appointment of KTH for contract administration and inspection services for the quoted price of \$142,060.00 (excluding HST) to ensure timely and successful project delivery.

BACKGROUND:

The Ontario Road sanitary catchment in the City of Welland has a history of basement flooding and surcharging sanitary sewers during wet weather events due in part to high stormwater inflow and infiltration (I&I).

The Pollution Prevention Control Plan Update and Wastewater Master Servicing Plan (GMBluePlan, June 2022) recommended a high level multi-phased project for the installation of a new trunk sanitary sewer on Ontario Road. The recommendations were further defined in the report for the Commercial Street Area Master Servicing Plan prepared by Kerry T. Howe Engineering Limited (KTH) for the Ontario Road catchment.

After submitting the highest scoring consulting design proposal, KTH was retained by the city in 2022, as per ENG-2022-21, to complete the design of the Ontario Road Trunk Sanitary Sewer – Phase 1 project.

Further to the ENG-2024-05, the City obtained funding through a successful Housing-Enabling Water Systems Fund (HEWSF) application, enabling the City to complete this significant project. Importantly, to meet the funding deadline of March 31, 2027, Ontario Road Trunk Sanitary Sewer – Phase 1 will need to be completed by December 2025, to allow construction to begin on Phase 2 in 2026.

DISCUSSION:

Further to a staff request, KTH submitted a proposal for the provision of construction administration, full-time inspection, and preparation of record drawings for the first phase of the Ontario Road trunk sanitary sewer construction. The proposal price for the requested services is \$142,060.00 (excluding HST).

The Ontario Road Trunk Sanitary Sewer project is significant for the City of Welland. The importance of this new infrastructure has been recognized by the province and supported through the HEWSF grant. As with any project of this scale, construction coordination, scheduling, inspection and liaison will be key to reaching a successful completion. Additionally, the trenchless method of construction requires complex submittals and a constant, dedicated inspection presence. To that end, staff are recommending consultant support in managing this project to mitigate potential negative impacts on the public while ensuring timely delivery of the works to remain compliant with the terms of the provincial funding.

As the engineering designer of the Ontario Road sanitary trunk sewer, KTH has an unparalleled understanding of the project. Together with their significant expertise and vested interest in the successful outcome of the project, KTH is uniquely suited to conduct this work.

FINANCIAL:

All project costs and funding are summarized below.

Description of Project Costs	Amount
Ward and Burke Microtunnelling Ltd. Construction Fees	\$7,330,125.85
Material Testing and Quality Control (2%)	\$146,602.52
Kerry T. Howe Engineering Contract Administration and Inspection Services Fees	\$142,060.00
<i>Sub Total:</i>	<i>\$7,618,788.37</i>
City's Portion of HST (1.76%)	\$134,090.68
Total Anticipated Project Costs	\$7,752,879.05

Description of Project Funding	Amount
Ontario Road Trunk Sanitary Sewer Phase I - Construction (10-320/327/330-25705)	\$15,062,256.00
Total Approved Construction Funding	\$15,062,256.00

The total anticipated cost of the consulting services plus 1.76% HST is \$144,560.26. The approved funding is sufficient to cover the anticipated costs.

KTH has the required experience and resources to complete the contract administration and inspection for the Ontario Road Sanitary Trunk Sewer – Phase 1 project; therefore, staff recommend that the contract be awarded to the firm at a cost of \$142,060.00 (plus HST).

ATTACHMENT:

Appendix 1 – Location Plan