

Meeting Date: March 17, 2025
Department: Engineering and Public Works
Report No.: EPW-2025-16
Submitted by: Mark Ortiz, Director of Engineering and Public Works
Approved by: Rob Browning, Chief Administrative Officer
SUBJECT: **C07 Walkers Drive Structure Replacement and C06 Saxton Road Guiderail Installation Engineering Services Tender Award**

RECOMMENDATION:

THAT: Report EPW-2025-16 titled “C07 Walkers Drive Structure Replacement and C06 Saxton Road Guiderail Installation Engineering Services Tender Award” be received for information, and further;

THAT: Council awards the Engineering Services to Spriet Associates Limited for \$72,130.00 plus HST and an additional \$10,000 for contingency.

BACKGROUND:

Ontario Regulation 104/97, Amended to O. Reg. 160/02 requires that all bridges be inspected under the supervision of a Professional Engineer and that inspections be done every two years. Inspections must be done to the format of the Ontario Structure Inspection Manual (OSIM). In Ontario, the definition of a bridge is any structure with a span of 3.0 m or greater.

From the 2021 Bridge Condition Index, Culvert C07 located on Walkers Drive approximately 170 meters northeast of Adelaide Road was scored a Bridge Condition Index (BCI) rating of 29 and was recommended for replacement in 1-5 years.

Culvert C06 located on Saxton Road approximately 460 meters east of Walkers Drive has a recommendation to install guiderail within 1-5 years. The Bridge Condition Index for Culvert C06 was scored 71 which indicates there is no need for replacement of the structure.

The Request for Proposal included a scope of work that includes the following tasks:

Part 1 – C07 – Walkers Drive Structure Replacement

- Attend the site to perform site topographical survey

- Review all utility infrastructure within project limits and daylight as required along with utility coordination
- Review watersheds and size culvert for replacement
- Full culvert replacement design, including erosion control, slope stability and roadside ditch improvements, as applicable
- Review right-of-way property limits and horizontal alignment of roadway
- Complete the project design in accordance with all applicable standards, including Municipality of Strathroy-Caradoc and Transportation Associations of Canada (TAC) Standards
- Obtain all necessary agency approvals including Fisheries and Oceans Canada (DFO), Conservation Authority, and Ministry of Natural Resources (MNR)
- Include geotechnical testing and reporting for due diligence soil characterization reports, excess soil quantification and disposal, and existing groundwater conditions
- Conduct public notifications and meetings regarding project timeline, traffic, and property impacts
- Perform Hydrology investigation, if required, based upon liaison with Conservation Authority

Part 2 – C06 – Saxton Road Guiderail Installation

- Attend the site to perform site topographical survey
- Review all utility infrastructure within project limits and daylight as required along with utility coordination
- Full guiderail design in accordance with all applicable standards, including Municipality of Strathroy-Caradoc and Transportation Association of Canada (TAC) Standards
- Obtain all necessary agency approvals including Fisheries and Oceans Canada (DFO), Conservation Authority, and Ministry of Natural Resources (MNR), if required
- Conduct public notifications and meetings regarding project timeline and impacts to traffic

A brief summary of required project deliverables includes:

- Provide all engineering services for detailed design, tendering, contract administration and site inspection services
- Paper and digital photographic documentation;
- Complete preparation of tender drawings, construction cost estimates, contract administration cost estimate, document, and specifications in Word/Excel, PDF, and DWG format
- Complete 60% and 90% design submissions
- Conduct three (3) project design phase meetings outlined within the time/task matrix
- Fisheries and Oceans Canada (DFO), Conservation Authority, and Ministry of Natural Resources (MNR) approval, as required
- As-Built Drawings
- Geotechnical investigation, testing and reporting during the design and construction stages
- Hydrology investigation and report, if required, based upon liaison with Conservation Authority

COMMENTS:

The Request for Proposal was posted publicly on Bids and Tenders on January 30, 2025 and closed on February 20, 2025 with five (5) bids received by the following Engineering Consultants:

- RC Spencer Associates Inc. – Chatham-Kent Office
- Spriet Associates Limited – London Office
- B.M. Ross and Associates Limited – Goderich Office
- GEI Consultants Canada Ltd. – London Office
- Concept Dash – Toronto/Mississauga/Windsor Office

Staff scored the five (5) bids using the two-envelope approach based on 75% Technical score and 25% Financial score, with a minimum 60% technical score threshold.

Technical score was based off the Project Team experience, Company Information including similar project experience, and Work Plan. All five bids were above the 60% threshold and were advanced to the financial scoring process.

Financial score was based on the Consultant's total cost.

Spriet Associates Limited had both the highest Technical Score as well as the highest Financial Score (ie. lowest price), with a Total Score of 90 out of a possible 100 points.

Staff recommended to award **Spriet Associates Limited** the Engineering Services.

CONSULTATION:

- Manager of Public Works

FINANCIAL IMPLICATIONS:

The \$72,130.00 plus HST and \$10,000 contingency will be funded from the 2025 capital budget item "Bridge and Culvert Replacement and Repairs" that has \$575,000 allocated.

The remaining \$492,870 will be allocated for the construction portion of the project.

Tendering for construction is anticipated for July 2025 and the results will be presented to Council prior to construction.

ALTERNATIVE(S) TO THE RECOMMENDATION:

1. Council to provide alternate direction, if any.

STRATEGIC PLAN ALIGNMENT:

This matter is in accord with the following strategic priorities:

Local Infrastructure and Capital Investment: Households and businesses in Strathroy-Caradoc will be supported by reliable, financially responsible, and well-maintained infrastructure networks.

ATTACHMENTS:

- C07 C06 RFP Evaluation Results