



## INFRASTRUCTURE SERVICES *Staff Report*

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REPORT NO: IS-2024-24

TO: Council

SUBMITTED BY: Jeff Molenhuis, P. Eng., Director of Infrastructure Services

PREPARED BY: Curtis Schaerer, C.Tech, Engineering Technologist

REVIEWED BY: Sharon Chambers, Chief Administrative Officer

DATE: 2024-07-29

SUBJECT: Extension of Contract for Engineering Consulting Services –  
Boulee Street SWM Facility Retrofit

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### RECOMMENDATION:

THAT Council receive Report IS-2024-24 Extension of Contract for Engineering Consulting Services – Boulee Street SWM Facility Retrofit for information.

### SUMMARY:

This report outlines the proposal process of the Boulee Street Stormwater Management (SWM) Facility Retrofit. The scope of work for the Boulee Street SWM Facility Retrofit will consist of topographic survey, detailed design, permitting of the proposed SWM facility, tender preparation, and submission of CLI ECA applications for the retrofit of existing SWM Facilities 21 and 25 adjacent to Boulee Street in the Township of Wilmot.

### BACKGROUND:

This project is for the design of the Stormwater Management Facility (SWM) Retrofit of the SWMF21 and SWMF25 to accommodate the reconstructed roads of Victoria/Boulee Street and surrounding development lands. These SWM facilities will act as a storm outlet and water quality

control prior to entering the Nith River and is an upgrade of the facilities in keeping with the Township Requirements from the Ministry of Environment Climate and Parks under the Consolidated Environmental Compliance Approvals process.

### REPORT:

This project is for the design of the Stormwater Management Facility Retrofit of the SWMF21 and SWMF25 to accommodate the reconstructed roads of Victoria/Boulee Street and surrounding development lands. These SWM facilities will act as a storm outlet and water quality control prior to entering the Nith River and is an upgrade of the facilities in keeping with the Township Requirements from the Ministry under the Consolidated ECA process.

The project is located north of Boulee/Victoria Street adjacent to Hwy 7/8 and Hamilton Road in New Hamburg. See attached Figure 1. The area surrounding the SWM Facility includes Neville Street, Arnold Street, Hamilton Road, Victoria/Boulee Street, Existing Subdivision (Nithview Drive and Nithview Court), Tri-County Mennonite Homes, Nithview Heights Subdivision and proposed Neville Development. The overland storm runoff and underground storm infrastructure for this area are directed to Nithview Heights Subdivision SWM Facility (SWMF 29) and the Lowland SWM Facilities (SWMF21 and SWMF 29).

Staff are extending the contract services of Walterfedy obtained by Request for Proposal in 2022. The extension of the contract is required to accommodate existing conditions and additional development growth for the tributary area. The road reconstruction design is currently being completed by Walterfedy and the retrofit of the Stormwater Management Facilities are required to coordinate effectively and efficiently with the existing road design.

The extension of professional services involved for this project includes topographic survey, detailed design and permitting of the proposed SWM facility, tender preparation, and submission of CLI ECA. Permits will be required from the GRCA to proceed with the works, and a Consolidated Linear Infrastructure Environmental Compliance Approval (CLI ECA) is required through the Township.

The Facilities will be retrofitted through design and construction in accordance with the following:

- SWMF25 to accommodate drainage area for quantity flows based on 80% imperviousness.
- Stormwater Quality flows designed based on an average site imperviousness of 80% allowing for an additional quality volume of 10% to be utilized for sites with greater imperviousness
- SWMF25 designed with an access route through an easement/block from the corner of Victoria/Boulee to the SWMF 25.
- Victoria/Boulee Street designed to abandon existing 900mm CSP storm sewer direct flow to Nith River.
- SWMF 21 designed to accommodate the flows as identified and for the proposed development area.

- An emergency access route designed as part of the trails network from Albert Street if feasible, with slopes for pedestrian access not greater than 8% and for maintenance only as per the MECP SWMPP 2003.

On May 21st, 2024, the request for proposal/cost estimate was sent to Walterfedy consultants to provide a fee estimate for the work.

The fee estimate received was for \$119,833.00, plus HST. Staff feel this is a reasonable and beneficial amount for the scope of work considered. As such, staff proceeded with award in accordance with Procurement ByLaw 2021-43 Provision 71c which states:

*71. The Purchasing Agent may under the following conditions negotiate directly with one or more Bidders and in such cases the requirement for inviting tenders or quotations is waived:*

*c. Where the extension or reinstatement of an existing contract or continuation with an existing vendor, with CAO and Treasurer approval, would be more cost effective or beneficial to the Township.*

**ALIGNMENT WITH THE TOWNSHIP OF WILMOT STRATEGIC PLAN:**

This initiative supports the goals and strategies of enhancing:

- Quality of Life through Active Transportation and Transit investments; and
- Responsible Governance through Active Communications, Fiscal Responsibility and Infrastructure Investments.

**FINANCIAL CONSIDERATIONS:**

The budget for this scope of work is included within the program or capital budget amounts approved in the 2024 Budget for 2024/2025 Work Program for the SWM Facility Retrofit – Nithview. The general funding need is outlined below:

<b>Funding Source</b>	<b>Amount</b>
Development Charges	\$ 76,000
Tax Funding Growth Infrastructure	\$ 4,000
2025 Development Charges	\$750,000
<b>Total Budget</b>	<b>\$830,000</b>

Given the proposal amount of \$119,833.00 net of HST, quotation, Consulting services for the Boullee Street SWM Facility Retrofit, is anticipated to remain within the overall budget allocation for this project.

ATTACHMENT:

MAP-2024-07-15-Boullee SWM Facility Retrofit Council Report.pdf