

COUNCIL REPORT

Meeting Date: August 16, 2021
Department: Engineering & Public Works
Report No.: EPW-2021-21
Submitted by: Paul Zuberbuhler CET, Manager of Environmental Services
Approved by: Fred Tranquilli, Chief Administrative Officer
SUBJECT: Strathroy WWTF Filter Replacement - Tender Award

RECOMMENDATION:

THAT: Council receive the Report EPW 2021-21 regarding the Strathroy WWTF Filter Replacement Tender Award; and

THAT: Council award the Strathroy WWTF Filter Replacement Stone Town Construction Limited in the amount of \$2,068,856.10 (excl HST); and

THAT: Council award the Contract Administration for the Strathroy WWTF Filter Project to RV Anderson in the amount of \$130,500.00 (excl HST).

STRATEGIC PLAN ALIGNMENT:

This matter is in accord with the following strategic priorities:

- Local Infrastructure – Households and businesses in Strathroy-Caradoc are supported by reliable, financially responsible and well-maintained infrastructure networks

BACKGROUND:

The Strathroy Wastewater Treatment Plant struggles to maintain compliance throughout all seasons annually. The plant's actual functioning capacity is currently reduced from its official rated capacity due to years of minimum reactive maintenance. The plant is in need of some major maintenance to return the plant to its full rated capacity including redundancies and resilience of operation.

The planned work for the Strathroy WWTF was divided into two phases. Phase 1 is the selection, design, tendering and installation of new filters. Phase 2 is the design tendering and construction of a new headwork and screening facilities, a second aeration tank and aeration system upgrades, UV disinfection replacement, generator replacement and associated equipment and SCADA upgrades including a new control panel for the plant. Tendering of Phase 2 of the project will be done as soon as construction on Phase 1 is completed.

RV Anderson Ltd proceeded with preselection of new filter technologies. The pre-purchase of this equipment has proceeded to address the urgent timelines and needs of the facilities. They have also completed the design and tendering of Phase 1 of this project.

The tender for the Phase One of the Strathroy WWTF Filter Replacement project was advertised through the Bids & Tenders website. The project attracted 31 bid takers. The tender closed on Wednesday August 4, 2021 with 5 bids being received.

The following are the results (including HST):

- | | |
|-----------------------------------|-----------------|
| • Stone Town Construction Limited | \$ 2,337,807.39 |
| • Kingdom Construction Limited | \$ 2,638,962.56 |
| • BGL Contractors Corp | \$ 2,695,152.94 |
| • K& L Construction | \$ 2,741,832.11 |
| • Baseline Constructors Inc. | \$ 2,774,150.00 |

RV Anderson Ltd. reviewed the bids. Stone Town Construction Limited bid was compliant, complete and accurate. RV Anderson Ltd provided a letter recommending the award of the tender to Stone Town Construction Limited.

COMMENTS:

The scope for the construction of the first phase of the project included the following:

- Removal of existing filters, piping and valves and miscellaneous metals
- Installation and purchase of new filters from Aqua-Aerobics
- Supply and installation of necessary electrical, including pump controls and monitoring systems
- Supply and installation of new walkways and grating
- Installation of new piping, valves and chemical equipment
- Supply and installation of necessary electrical, including pump controls and monitoring systems
- Integration of SCADA into the existing system

Engineering Services

RV Anderson has considerable experience with these types of project. RV Anderson has completed the design and tendering of Phase 1 and are currently working on the design of Phase 2. Staff recommend that RV Anderson complete the Construction Administration of the project. The assignment of the works to RV Anderson would be a sole sourced award as a continuation of the works previously completed.

CONSULTATION:

The preparation of this report and recommendation was completed in consultation with:

- Chief Administrative Officer
- Director of Financial Services
- RV Anderson Ltd

FINANCIAL IMPLICATIONS:

In the 2021 approved capital budget there were several projects included to improve the performance of the Strathroy WWTF.

The cost for approval are

• RV Anderson Construction Administration	\$ 130,500
• Purchase and Installation of Filters	\$ 2,068,857
• Contingency and HST	\$ 60,000
Total	\$2,259,357

The amount for Phase 1 is above the original budgeted amount, therefore budget from Phase 2 will be used to cover the difference. The 2022 capital budget will be updated to reflect the additional funds required to complete Phase 2.

Under the expired water/wastewater servicing agreement Adelaide- Metcalfe would be responsible for 12.85% of the upgrades which would amount to \$290,327

ATTACHMENTS:

None