



**CORPORATE REPORT**  
**The Corporation of the Town of Wasaga Beach**  
**Meeting Date: 5/15/2025**

**DATE:** 4/30/2025

**SUBJECT:** Contract Award - Water Pollution Control Plant (WPCP) Bar Screen Replacement and HVAC Upgrades

**CONTACT:** Kevin Lalonde, P.Eng., General Manager, Infrastructure Services

**REPORT NUMBER:** 2025/05/15-29

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**RECOMMENDATION:**

1. **THAT** the report titled: Contract Award - Water Pollution Control Plant (WPCP) Bar Screen Replacement and HVAC Upgrades to the Council meeting of May 15, 2025, be received;
2. **THAT** W. A. Stephenson Mechanical Contractors Limited be awarded Contract RFB#25-41 in the amount of \$3,424,640.00 (Excl. HST);
3. **THAT** the works be approved as a multi-year project, with an estimated scheduling as presented in the Project Financial Plan, attached as Appendix A; and
4. **THAT** the Mayor and Clerk be authorized to execute the necessary contract documents.

**EXECUTIVE SUMMARY:**

- The Request for Bids (RFB#25-41) was publicly posted on March 5, 2025 and closed on April 11, 2025.
- Two bids were received.
- Based on the bid evaluation, it is recommended that W.A. Stephenson Mechanical Contractors Limited be awarded the contract in the amount of \$3,424,640.00 (exclusive of HST).

**BACKGROUND:**

The Wasaga Beach WPCP is equipped with rotating curved bar screens that are original from the 1995 plant expansion. There are two parallel channels and each bar screen has a design peak flow rate of 442 L/s with 12 mm screen openings (combined capacity of 884 L/s). The bar screens are reaching the end of life and are in need of replacement. Additionally, the 12 mm screen spacing provide poor preliminary screening, as inorganics are able to pass through which causes downstream process inefficiencies.

A finer screen of at least 6 mm is required to provide screening that is more effective. A Flow Projections Design Memo was completed by OCWA in July 2021, which used population information from the Town to develop flow projections up to the year 2051 for the Wasaga Beach

WPCP. This was used as the design basis when OCWA completed the Headworks Technology Study in October 2021.

The work covered under this contract includes the following:

- Demolition and removal of the existing bar screens and related equipment
- Installation and commissioning of a new pre-selected screening system in the existing screening channels. The new screens are rated to provide a firm capacity of 46,000 m<sup>3</sup>/d (533 L/s).
- Modifications of the existing channels to suit the new equipment
- Instrumentation and electrical modifications to suit new equipment
- Miscellaneous structural modifications
- HVAC System Upgrades to the Inlet Works Building

## DISCUSSION:

The Request for Bids (RFB#25-41) was publicly posted on *Jaggaer* electronic tendering service on March 5, 2025 for 37 calendar days.

A mandatory pre-bid site tour between perspective bidders and OCWA representatives was conducted on March 13, 2025.

Eight different firms attended the mandatory site visit and the bid submission closing was scheduled for April 11, 2025.

Two bids from the following firms were received that submitted by the closing date of April 11, 2025.

- W.A. Stephenson Mechanical Contractors Limited (WASM)
- BGL Contractors Corp. (BGL)

Please note, a third bid was received after the deadline, however, this bid was disqualified in accordance with stipulated procurement procedures.

The two bids were evaluated in accordance with the stages as detailed within the RFB documentation as follows:

Stage	Evaluation Criteria	Points Allocated
I	Mandatory Submission	Pass / Fail
II	Rated Requirements	60 Points
III	Pricing	40 Points
	<i>Cumulative Score</i>	<i>Total Points Available in Stage II + III = 100</i>

The scores were tabulated and the Bidders were ranked in the order of the average of the awarded points. In stage III (upon completion of the technical evaluation), each Bidder was then requested to provide the respective passwords for their sealed price submissions. The two financial bids were opened and reviewed for compliance, errors and/or omissions.

Upon completion of the evaluation, the total score was determined factoring in both the technical (Stage I) and financial (Stage II) components of each bidder's submission as follows:

BIDDER	STAGE I COMPLIANCE WITH ALL MANDATORY REQUIREMENTS (YES/NO)	STAGE II TECHNICAL RATED CRITERIA SCORING (MAX OF 60 POINTS)	STAGE III PRICING SCORE (MAX OF 40 POINT)	TOTAL SCORE
BGL	Yes	33.3	40.0	73.3
WASM	Yes	40.1	35.5	75.6

## CORPORATE IMPLICATIONS:

### Financial Implications:

The 2025 budget for the project is \$3,795,080 with planned funding coming from the General Sewer Reserve.

The tendered construction price, including contingencies and provisional items is \$3,424,640 Excl. HST. The construction works represented about 91% of the total project cost.

### Explanation for Water Reserve Loan:

The Water and Wastewater programs are funded from water and sewer rates and generally the Water program contributes a significant contribution to the Water Reserve at the end of the year. This contribution is part of the financial sustainability plan for the water system. The Sewer Program is still generating deficits at the end of each year which requires draws on its reserve. While sewer rates have been increased each year to address the sewer sustainability issue, the rates have not yet reached a sufficient sustainable level.

The 2025 budget has significant capital draws on the General Sewer Reserve that as a result would make the reserve go into a borrowed state. With continued draws on this reserve in the outlook years, it is necessary to borrow funding from the General Water Reserve to offset this project being funded through the Sewer Reserve. The financial plan includes payments of principal and interest to be funded from the sewer rates and paid back to the Water Reserve. The timing and amounts of the borrowing will be determined through the Water/Wastewater study at the end of this year.

The funding for this project will be drawn from the General Sewer Reserve with the establishment of a Water Reserve loan for \$3,000,000 to offset the negative reserve balance.

The total project cost is \$3,840,802 which includes the Construction Cost, unrecoverable HST, Project Management, Agency Approvals, and Contract Admin. The total cost is \$46k over the current 2025 budget amount and will be adjusted in the 2026 budget year as the project has a three year scheduling period.

Appendix A – Project Financial Plan is attached which summarizes the project cost break-down and funding plan.

Term of Council Priorities:

The subject upgrades and implementation of the recommended improvements will support the “Inclusive” pillar of this Term of Council Priorities: to “foster a community where residents are healthy, happy and safe”.

**CONCLUSION:**

Based on the bid evaluation summarized above, it is recommended that W.A. Stephenson Mechanical Contractors Limited be awarded the contract in the amount of \$3,424,640 (exclusive of HST), which includes a \$251,750 Contingency Allowance.

The estimated number of working days to complete the works is 250 days.

Authored by:

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**Appendix A – Project Financial Plan**