

**THE CORPORATION OF THE TOWN OF GEORGINA**

**REPORT NO. OI-2023-0010**

**FOR THE CONSIDERATION OF  
COUNCIL**

May 3, 2023

**SUBJECT: AWARD OF CONTRACT OID2023-043 - WATERMAIN REPLACEMENT  
COCKBURN SUBDIVISION**

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**1. RECOMMENDATION:**

1. That Council receive Report No. OI-2023-0010 prepared by the Capital Delivery Division, Operations & Infrastructure Department dated May 3, 2023 regarding the construction of replacement watermains in the Cockburn subdivision;
2. That Council approve the award of contract "OID2023-043 - Watermain Replacement" for construction services to Rabcon Contractors Ltd., in the amount of \$1,850,000.00 (excluding HST); and,
3. That Council authorize the Manager of Procurement Services to execute the agreement between the Town of Georgina and Rabcon Contractors Ltd. and execute all other necessary documents

**2. PURPOSE:**

To obtain Council approval to award contract "OID2023-043 – Watermain Replacement" in the amount of \$1,850,000.00 (excluding HST) for construction services to replace the existing iron watermains in the Cockburn subdivision in Sutton. The watermains to be replaced are located on Grew Boulevard, Sunnidale Boulevard, Meadowlea Avenue, Faircrest Avenue and O'Connor Drive.

**3. BACKGROUND:**

The Operations and Infrastructure Department is responsible for maintaining the Town of Georgina's Keswick and Sutton Water Distribution Systems, including necessary preventative maintenance and infrastructure replacement projects.

Residents in the Cockburn subdivision have reported persistent discoloured water and sediment in their drinking water. Staff observations confirm that the aged iron watermains are heavily corroded on the interior of the pipe. As a temporary measure staff have attempted to address these concerns through daily flushing of the watermains. These daily flushing efforts have proven to be costly and ineffective in resolving the water discoloration and sediment.

Iron watermain have an expected lifespan of 50-65 years. The watermain in the Cockburn subdivision were installed between 1965 and 1967 and have reached the end of their expected lifespan. Watermain of similar size to those in the Cockburn subdivision are now typically made of polyvinyl chloride (PVC), which has an expected lifespan of 100 years.

Through Council Resolution C-2021-0311, Council approved award of engineering design and construction administration services for upgrading watermain in the Cockburn subdivision to TY Lin International Canada Inc. (TY Lin) (formerly known as The Municipal Infrastructure Group Ltd.). The design phase of TY Lin's services have been completed and the Town has invited competitive tenders for construction of replacement watermain.

#### 4. **ANALYSIS:**

Request for Tender (RFT) "OID2023-043 – Watermain Replacement" was released on March 15, 2023 and closed on April 14, 2022. There were twenty four (24) document takers and four (4) bids were received. There was one (1) no bid notification received. The following table lists the compliant bids that were received:

<b>Respondent</b>	<b>Value (excl. HST)</b>
Rabcon Contractors Ltd.	\$1,850,000.00
N.S.J WaterWorX Group Ltd.	\$3,309,700.00
Dig-Con International Limited	\$3,931,560.00
Hard Rock Sewer & Watermain	\$4,079,105.00

Rabcon Contractors Ltd. provided the lowest compliant bid.

#### 5. **RELATIONSHIP TO STRATEGIC PLAN:**

PRIORITY 4: "Deliver Exceptional Service" - Manage our finances and assets Proactively.

This initiative aligns with the Town's 2022 Asset Management Plan for core assets, to ensure a systematic and coordinated approach of activities and practices to optimally and sustainably deliver on the Town's service level objectives through the cost-effective lifecycle management of its assets and infrastructure.

#### 6. **FINANCIAL AND BUDGETARY IMPACT:**

Business case 20-WAT-6 was approved by Council in 2019 for the detailed design, contract administration, inspection, and construction of the Cockburn Subdivision Watermain. The budget amount approved was \$2,114,000. Upon further

engineering cost analysis and price escalations, business case 23-CI-WAT-03 was approved through council in early 2023 contributing an additional \$1,900,000 to the project budget.

The contract for engineering design, contract administration, and inspection of the project was awarded to TY Lin in the amount of \$434,223.00 excl. HST. The contract for project management services was awarded to Colliers Project Leaders Inc. in the amount of \$80,000.00 excl. HST.

The lowest qualified bidder for the “OID2023-043 Cockburn Watermain Replacement” construction contract was Rabcon Contractors Ltd. at a value of \$1,850,000.00 excl. HST. This cost has been reviewed by TY Lin and has been deemed to be within typical industry prices for its location, schedule, and scope of work.

The table below outlines the total approved budget, committed funds, proposed contract award, and remaining funds.

Item	Amount (\$ incl. 1.76% HST)
Approved Total Budget (20-WAT-6 & 23-CI-WAT-03)	\$4,014,000.00
OID2021-039 TY Lin International Canada Inc. Detailed Design, Contract Administration & Inspection	(\$441,865.32)
OID2020-099 Colliers Project Leaders Inc. External Project Management	(\$81,408.00)
Recommended award of “OID2023-043 Cockburn Watermain Replacement” construction contract to Rabcon Contractors Ltd.	(\$1,882,560.00)
Budget Remaining	\$1,608,166.68

## 7. **PUBLIC CONSULTATION AND NOTICE REQUIREMENTS:**

Throughout the design project, residents were sent letters informing them of field investigation activities and the progress of the project. The Cockburn Watermain Replacement project is profiled on the Town’s website. A public consultation meeting was held on November 10, 2022 where the planned approach and timing for construction of the watermain replacement was presented.

Throughout the upcoming construction contract, residents will be notified of the project, its local impacts and any potential water service interruptions. Residents will have short interruptions to their water service as their services are switched from the existing watermain to the new watermain. Some residents may also have temporary

interruptions to the use of their driveways. Residents will be informed prior to water service or driveway access interruptions and will have Town staff, contractor, and consultant contact information in the event of an unexpected disruption. Site signage will be erected indicating limited project details.

**8. CONCLUSION:**

Award of the construction contract “OID2023-043 Cockburn Watermain Replacement” to Rabcon Contractors Ltd., will allow the existing failing iron watermain to be replaced with new PVC watermain.

**APPROVALS**

Prepared By:	Owen Sanders, Senior Project Manager, Capital Delivery
Reviewed By:	Neil MacDonald, Manager, Capital Delivery
Recommended By:	Michael Vos, Director, Operations & Infrastructure
Approved By:	Ryan Cronsberry, Chief Administrative Officer