

Staff Report to Council

Title: Award Kincardine and Tiverton Tower Maintenance.

Report Number: Environmental Services-2024-13

Director: Infrastructure & Development

Manager: Environmental Services

Meeting Date:
Wednesday, April 10, 2024

Date to be considered by Council:
Wednesday, April 10, 2024

Recommendation:

That Council award the contract for maintenance and safety improvements on the Kincardine and Tiverton water towers including all provisional items to MISCO Mulders Inspection Services for the bid price of \$171,771.60 excluding HST.

Executive Summary:

As part of a preventative maintenance program the Municipality of Kincardine has regular inspections of the Kincardine and Tiverton water towers. These inspections were completed in late 2022. The inspections identified considerations for both improvements and maintenance of tower conditions, as well as improvements of the safety component for accessing these towers. Staff are recommending awarding the contract to the low bidder.

Strategic Priorities:

D.16-Ensure the Municipality provides value for money and long-term sustainability

Financial Considerations:

The Municipality budgeted \$222,000 dollars to complete these works. The Municipality received three bids for the contract with prices listed below including the provisional items.

Contractor	Price (excluding HST)
MISCO Mulders Inspection Services	\$171,771.60
Landmark Structures	\$232,480.00
BGL Contractors	\$366,228.00

Policy:

N/A

Context and Background Information:

The 2024 budget approved a project to address items at the Kincardine and Tiverton standpipes. The scope includes exterior safety considerations along with interior works.

The Municipality received a total of three bids for the works proposed.

The low bidder is a reputable firm and qualified to complete the scope of work.

Consultation Overview:

N/A

Origin:

External report. SLD-14 Infrastructure and Maintenance DWQMS.

Implementation Considerations:

For both projects the water towers will need to be emptied. Only one water tower would be out of service at a time. The Environmental Services group will have to work closely with the contractor and local fire departments to maintain communications and updates.

Staffing resources will be required for the project's success. This will include disinfection, sampling, and monitoring system levels to ensure pressure and compliance.

Staff will keep the Council informed via quarterly infrastructure and development updates.

Risk Analysis:

Taking a water tower offline is a difficult process for operations, it reduces volume, fire-fighting capabilities, and often requires additional oversight to ensure pressure-related compliance. This could include pressure relief valves, or blowoffs on low pressure points to ensure not over pressurizing systems.

The safety improvements are not only a benefit to staff in the event of maintenance or emergency but will also be utilized by contractors and vendors who use the towers for their own equipment including fire-fighting equipment, radio stations, and the new water meter hardware, lowering the Municipality's risk to questionable safety equipment.

Attachments: None

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