

Report to Council

Report Title: Walkerton Community Centre De-Ox Ice Making System

Prepared By: Mike Murphy, Interim Director of Parks and Recreation

Department: Parks and Recreation

Date: August 13, 2019

Report Number: REC2019-18 **File Number:** C11REC, R05WA

Attachments: None.

Recommendation:

That the Council of the Municipality of Brockton hereby receives Report Number REC2019-18 – Walkerton Community Centre De-Ox Ice Making System, prepared by Mike Murphy, Interim Director of Parks and Recreation, and in doing so approves an exemption under Section 3.2.2 (c) of the Purchasing and Procurement Policy due to a limited source supplier for the purchase of the De-Ox Ice Making System from Joe Johnson Equipment (JJE) in the amount of \$38,000 plus H.S.T. plus a \$1500.00 installation fee to be funded from the 2019 Parks and Recreation Capital Budget.

Report:

Background:

Staff reviewed opportunities for reducing energy consumption at the Walkerton Community Centre and the proposed De-Ox Ice Making System allows oxygen to be removed from the water system resulting in reduced refrigeration costs, natural gas and electricity consumption. This will in turn decrease energy costs and reduce the carbon footprint of the facility. Staff have investigated systems and are seeking the purchase from Joe Johnson Equipment (JJE) a single source supplier.

Analysis:

The De-Ox system is a cold water flood system which saves energy by not requiring the ice resurfer water to be heated and subsequently reduces the cooling load on refrigeration plant. The De-Ox water produces ice that is harder, faster, more resilient to cuts and runs, and has greater clarity to show painted lines and logos in the ice. Additional value can also be seen in the extension of life of equipment due to reduced run time and reduction of carbon emissions from lowering natural gas usage.

Although similar ice making technologies exist the De-Ox system is the only one that uses a vacuum pump which is a more reliable and consistent means of removing the oxygen from the water for ice resurfacing.

Staff are requesting approval from Council under section 3.2.2 (c) of the Purchasing and Procurement Policy to be exempt from the tender process as this is a single source supplier.

Sustainability Checklist:

What aspect of the Brockton Sustainable Strategic Plan does the content/recommendations in this report help advance?

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|---|-----|
| • Do the recommendations help move the Municipality closer to its Vision? | N/A |
| • Do the recommendations contribute to achieving Cultural Vibrancy? | N/A |
| • Do the recommendations contribute to achieving Economic Prosperity? | Yes |
| • Do the recommendations contribute to Environmental Integrity? | Yes |
| • Do the recommendations contribute to the Social Equity? | N/A |

Financial Impacts/Source of Funding:

- Do the recommendations represent a sound financial investment from a sustainability perspective? Yes

In March 2019, Council approved the De-Ox Water System capital purchase within the 2019 Municipal Budget. This project was budgeted for \$40,000 to be funded from Long-term Debt.

Reviewed By:



Trish Serratore, Chief Financial Officer

Respectfully Submitted by:



Mike Murphy, Interim Director of Parks and Recreation

Reviewed By:



Sonya Watson, Chief Administrative Officer