



Recreation & Community Services Staff Report

Report Title:	LED Lighting Installation at Lions Park Ball Diamond
Report Number:	R05-2022
Author:	Blake Miller, Project Supervisor
Meeting Type:	Council Meeting
Meeting Date:	May 30, 2022
File:	N/A
Consent Item:	No
Final Version:	Yes
Reviewed By:	Thomas van der Hoff, Manager of Projects and Operations
Final Review:	Senior Management Team

Recommendation:

That the Council of the Township of Woolwich, considering Report R05-2022, award Tender 2022-02 LED Lighting Installation at Lions Park Ball Diamond to Sentry Electric Inc. at a total cost of \$263,558.40 after the H.S.T rebate.

Background:

Lions Park, located at 220 Barnswallow Drive, Elmira is a Township-wide classified park, a popular destination for residents and home to minor and adult sport organizations. Park amenities include a ball diamond, batting cage, two (2) soccer fields, accessible public washrooms and playground. Since 2019, the park has received capital investment through replacement of the playground and soccer light tower foundations, as well as an accessible renovation of the washroom.

The park ball diamond is currently illuminated by steel towers with metal halide light fixtures. The towers are not CSA approved and have been susceptible to failure due to wind loading. Additionally, the existing light fixtures are inefficient, require regular maintenance through bulb replacements, and provide inadequate illumination.

Comments:

Lions Park ball diamond lighting replacement was approved through 2019 capital budget deliberations, however, was not completed due to Tender submissions exceeding the allocated capital funding. The capital project was further approved as a part of 2022 capital budget deliberations, pending successful receipt of grant funding. In January of 2022, Staff were successful in securing \$250,000.00 from the Ontario Trillium Foundation (OTF) through

the Community Building Fund – Capital Stream. An additional \$50,000 in funding was approved by Council, for a total budget of \$300,000.

In March, Staff prepared and released Tender 2022-02 for the replacement of light standards, foundations, fixtures, lamps, controls, and wiring. The Tender included the removal of existing light towers, and foundations to below grade. Furthermore, Staff retained an engineering consultant to complete a geotechnical investigation in early March to determine subgrade materials.

The existing towers are to be replaced with Musco vertical support poles and remote-controlled LED light fixtures. Musco lighting equipment is installed at a number of Township facilities, including ball diamonds at Breslau Memorial Park, Bloomingdale Park, Snider Park, Industrial Park, and at the multiuse court at Conestogo Park. Musco, established in 1976, provides a comprehensive 25-year parts and labor warranty for all equipment including lamp assemblies and ballasts. They also include design and engineering services, ensuring guaranteed illumination levels, control of environment light (light spillage), remote control software and remote monitoring of fixtures. The Township utilizes Musco software that is integrated with our ActiveNet scheduling software to program lighting at sport facilities throughout the Township during all programmed events.

Tender 2022-02 closed on March 29th, 2022, with Staff receiving a total of four (4) bids. The lowest submission was received by Sentry Electric Inc. for \$292,670.00 including HST. The next most competitive bid was within \$7,000. Staff did conduct reference checks which were satisfactory. Musco Sports Lighting has also confirmed that Sentry Electric Inc. has successfully completed several sports field lighting installations throughout south-western Ontario.

The project will be completed prior to December 31st, 2022 as a condition of the grant funding and Tender.

Interdepartmental Impacts:

None.

Financial Implications:

Funding for this project is allocated from the Ontario Trillium Foundation and Parks Reserve Fund.

Ontario Trillium Foundation Grant	\$250,000.00
Capital: Parks Reserve Fund	\$50,000.00
Budget Total	\$300,000.00

Tender

Sentry Electric Inc.	\$259,000.00
Plus H.S.T	\$33,670.00
Sub Total	\$292,670.00
Less H.S.T Rebate	\$29,111.60
Total	\$263,558.40
Geotechnical Services and Materials Testing	\$10,600
Total	\$274,158.40

Grand Total **\$274,158.40**

Budget Surplus **\$25,841.60**

Remaining funds will remain in the Parks Reserve Fund.

Strategic Plan Focus Area:

Optimize the Use of Municipal Infrastructure: Manage and maintain all municipal infrastructure with an emphasis on continuous improvement and greater efficiencies.

Conclusion:

Staff recommend that Council approve awarding Tender 2022-02 for replacement of Lions Park ball diamond lighting to Sentry Electric Inc. at a total cost of \$263,558.40 after H.S.T rebate.

Attachments:

Appendix A – Tender Submission Summary