

AGENDA ITEM NO: 7.5

MEETING DATE: April 18, 2023

STAFF REPORT – COVER SHEET

SUBJECT: Exhibition Field Lighting Replacement DATE: April 11, 2023

DEPARTMENT: Recreation & Culture PREPARED BY: Darrell Lindhout

1. SUMMARY OF ISSUE:

A decision is required to approve the Sourcewell Contract #071619-MSL for the supply of Musco LED field lighting components at Exhibition Field.

Company	Amount
Musco Sports Lighting, LLC	\$304,000.00

2. RECOMMENDATION:

Recommendation that Council approve the purchase of LED light fixtures and controls, from Musco Sports Lighting, LLC, Inc. in the amount of \$304,000.00 (plus applicable taxes); and further, that the Mayor and Corporate Officer be authorized to sign any necessary documentation.


David Blain, Deputy CAO


3. FINANCE COMMENTS:

Funding has been allocated in the approved 2023 CMP.


Glen Savard, Director of Finance

4. CHIEF ADMINISTRATIVE OFFICER'S RECOMMENDATION/COMMENTS:

Supports recommendation.


Chris Crosman, CAO

STAFF REPORT ON
Sourcewell Contract #071619-MSL
Exhibition Field Lighting Replacement

PREPARED BY: Darrell Lindhout DATE: April 11, 2023
POSITION: Supt. of Civic Facilities DEPARTMENT: Recreation & Culture

1. BACKGROUND:

The existing field lights at Exhibition Field, located within The Landing site have come to the end of their service life and require replacement. Replacement of existing metal halide lights to a Musco LED light system will achieve the following benefits;

- Light performance
 - Engineered lighting design
 - 350 lux and uniformity
 - Reduction in maintenance costs
 - Targeted light and glare reduction for players
- Environmental light control
 - Reduction of spill light and glare (Neighborhood impact)
 - Reduction in energy usage by approximately 33%
 - Ability to track electrical consumption online
- Twenty-five (25) year parts and labour warranty with 24/7 customer support
- Remote facility management
 - Scheduling of lights can be accomplished from multiple staff portals
 - Remote on/off and dimming capability
 - Immediate notifications of lamp outages or control issues through smart phone app.

The City of Chilliwack and School District 33 currently employ Musco Lighting systems at both Chilliwack Secondary and Stitó:s Lá:lém Totí:lt Elementary / Middle School.

Continual use of Musco lighting systems as the City standard is additionally justified for the continued standardization of LED lighting fixtures, controls and programming methods. City staff and electrical contractors have the required knowledge, tools and training to troubleshoot and rectify warranty items, including software issues.

2. ABOUT SOURCEWELL:

Sourcewell is a cooperative buying group of over 50,000 members that are comprised of public sector, education and nonprofit organizations. They help organizations save time and money by combining the buying power of all members to provide discounted pricing that would otherwise be unavailable.

3. RECOMMENDATION & SUBSTANTIATION:

Recommendation:

Recommendation that Council approve the purchase of LED light fixtures and controls, from Musco Sports Lighting, LLC, Inc. in the amount of \$304,000.00 (plus applicable taxes); and further, that the Mayor and Corporate Officer be authorized to sign any necessary documentation.

Substantiation:

The Musco LED lighting proposal from Sourcewell Contract #071619-MSL meets budgetary, environmental and light performance goals and objectives.

The City of Chilliwack and School District 33 currently employ Musco lighting systems at two other shared facilities (Chilliwack Secondary and Stitó:s Lá:lém Totí:lt Elementary / Middle School).