

COUNCIL ACTION FORM

SUBJECT: COMPLETION OF CONTRACT FOR AMES/ISU ICE ARENA LIGHTING REPLACEMENT PROJECT

BACKGROUND:

This project included replacing the metal halide lighting over the ice with energy efficient fixtures at the Ames/ISU Ice Arena. Also included in the project was dimming controls and dimmable LED lamps so the lighting could be dimmed 100% to 10%. KCL Engineering, West Des Moines, Iowa was hired to develop plans and specifications, prepare a cost estimate, and provide project management. Van Maanen Electric, Inc., Newton, Iowa was awarded the contract on June 14, 2016 in the amount of \$44,846.

Van Maanen Electric completed the project in accordance with specifications and the installation was verified by KCL Engineering. **However, it was discovered that KCL Engineering mistakenly approved and authorized the installation of a fixture that didn't meet the specifications for required foot candles over the ice. This resulted in a delay of the final completion of the project.** KCL Engineering eventually found an alternate fixture that met the plans and specifications and paid for all costs associated with procuring and installing the new fixtures and removal of the wrong ones.

The total cost of the project was \$44,846, while the amount budgeted was \$20,000. The remainder was from a reallocation of savings of \$19,006 for the Ice Arena Flooring Project and \$5,840 in rebates.

ALTERNATIVES:

1. Accept completion of the contract for the Ames/ISU Ice Arena Lighting Replacement Project with Van Maanen Electric, Inc, Newton, Iowa in the amount of \$44,846.
2. Do not accept the completion of the Ames/ISU Ice Arena Lighting Replacement Project with Van Maanen Electric, Inc, Newton, Iowa in the amount of \$44,846.

CITY MANAGER'S RECOMMENDED ACTION:

The Ames/ISU Ice Arena is 20 years old and jointly owned by the City of Ames and ISU, located on ISU property, and managed by the City. The facility is very well known throughout Iowa as one of the nicest arenas because of how well it is taken care of. The LED lights over the playing surface are an important upgrade to the arena as now the required foot candles for an NCAA college hockey game are met. In addition, the dimming

controls allow staff to adjust light levels for individual programs and ice user group needs, which will lead to annual energy savings.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative #1 as described above.