



Legislation Details (With Text)

File #: 2020-0242 **Version:** 0 **Name:** SportsPlex HVAC Phase 2 Improvements Energy Savings Contract with CTS Group - Proposal

Type: MOTION **Status:** PASSED

File created: 3/24/2020 **In control:** Board of Trustees

On agenda: 4/6/2020 **Final action:** 4/6/2020

Title: SportsPlex HVAC Phase 2 Improvements Energy Savings Contract with CTS Group - Proposal

Code sections:

Attachments: 1. RTU-4 Soccer Arena Upgrade, 2. Contract - Signed

Date	Ver.	Action By	Action	Result
4/6/2020	0	Board of Trustees		
3/24/2020	0	Public Works Department	INTRODUCED TO BOARD	

Title/Name/Summary

SportsPlex HVAC Phase 2 Improvements Energy Savings Contract with CTS Group - Proposal

History

The Sportsplex at 11351 W. 159th Street was opened in 2003. Over the past few years, Sportsplex personnel have received many complaints from patrons about inconsistent building temperatures. Due to the open areas of the Sportsplex and large window areas, the temperatures are difficult to maintain. Village staff installed small ceiling fans and attempted to adjust temperatures to no avail. Alternatives including window tinting were also considered.

In November 2014, the Village sought proposals from qualified Energy Services Companies (ESCOs) to conduct an investment grade audit of Village facilities and to implement an Energy Performance Contract. In June 2015, the Village Board approved the authorization of the CTS Group of Chicago, Illinois (CTS) to conduct an Investment Grade Audit of Village facilities. CTS surveyed many of the Village facilities and provided recommendations to reduce energy consumption and maintenance costs.

CTS provides a turnkey solution including engineering with architectural fees/permits/drawings, project management and subcontractor work completion. CTS has completed several recommended upgrades and conversions for the first phase of energy savings at village facilities.

In July 2018, Village staff requested an evaluation from CTS to improve the comfort levels at the Sportsplex. CTS presented Village staff with recommendations, assisted with prioritizing and provided estimates for phasing the improvements. In November 2018, staff requested a more detailed recommendation and proposal for Phase 1 improvements to the existing HVAC system at the Sportsplex to a more energy-efficient system. And in 2019, CTS completed a turnkey solution for Phase 1 HVAC upgrades at the Sportsplex. Phase 1 upgrades included replacement of a rooftop unit (RTU-1); replacement of 11 variable air volume (VAV) boxes; replacement of six (6) ceiling fans with more efficient destratification fans; and the installation of doors between the walking track and gymnastics room to better control heating and cooling loads.

CTS has provided a proposal for Phase 2 upgrades at a not to exceed the amount of \$587,300.00. The scope of work includes replacement of rooftop unit (RTU-4) with a more energy-efficient model;

disconnect area from internal ductwork return; provide new external return ductwork; and upgrade the electrical to the new RTU-4.

Staff recommends accepting the proposal for Phase 2 upgrades at the Sportsplex.

Financial Impact

Funding for this work is available in the FY2020 Capital Operating budget account #010-1700-443100.

Recommended Action/Motion

I move to approve waiving the bid process;

And,

Approve accepting the proposal for the Sportsplex RTU-1 Soccer Arena HVAC Energy Savings Contract and Improvements from CTS Group of Chicago, Illinois in a not-to-exceed amount of \$587,300.00.