



Legislation Details (With Text)

File #:	2017-0159	Version:	1	Name:	Dectron Replacement at Orland Park Health & Fitness Center - Proposal
Type:	MOTION	Status:		Status:	PASSED
File created:	3/2/2017	In control:		In control:	Board of Trustees
On agenda:	3/20/2017	Final action:		Final action:	3/20/2017
Title:	Dectron Replacement at Orland Park Health & Fitness Center - Proposal				
Code sections:					
Attachments:	1. Proposal, 2. CTS Group - Dectron Replacement OPHFC				

Date	Ver.	Action By	Action	Result
3/20/2017	1	Board of Trustees		
3/10/2017	1	Public Works Department	INTRODUCED TO BOARD	
3/6/2017	0	Public Works Committee	RECOMMENDED FOR APPROVAL	Pass
3/2/2017	0	Public Works Department	INTRODUCED TO COMMITTEE	

Title
Dectron Replacement at Orland Park Health & Fitness Center - Proposal

History
The current Dectron dehumidification unit currently serving the pool area of the Orland Park Health & Fitness Center (OPHFC) is in disrepair. A full evaluation of this equipment revealed that the unit was undersized for the air capacity that it was assigned to handle. The unit was also past the point of functional repair. This single piece of mechanical equipment provides critical function for the air quality inside of the facility. Indoor swimming pools and spa rooms require demanding maintenance. Excess moisture releases into the indoor pool enclosure when pool water warms to swimming temperatures. This moisture is heavily laden with chlorine or bromine disinfectants. If left uncontrolled, mold and mildew will eventually permeate every inch of an indoor swimming pool facility, as well as any adjoining structures. To avoid mold and structural problems, a properly sized, operational dehumidification unit would need to be purchased and installed.

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. During those evaluations, the first step in the process was to select an ESCO partner to conduct an audit. CTS Group of Chicago, Illinois received the top recommendation. At the June 1, 2015 Board of Trustees meeting, the board approved the authorization of CTS Group to conduct an Investment Grade Audit of Village facilities. The CTS Group was engaged to manage and oversee the replacement of the Dectron unit.

The Village budgeted \$591,000.00 for this work. After an evaluation of the existing Dectron unit and identification of the replacement dehumidification system, CTS provided the Village with a proposal for the replacement and installation at a cost of \$553,464.00. Having no history with the facility and to account for any unforeseen work stemming from the installation of the new unit, staff is requesting to utilize the \$37,536.00 (budget/proposal) savings as the contingency amount.

On March 6, 2017, this item was reviewed by the Public Works Committee and recommended for approval and referred to the Village Board of Trustees for consideration.

Financial Impact

Funding to cover the cost for this work is available in the FY17 Budget, account 010-1700-443200.

Recommended Action/Motion

I move to approve accepting the proposal from the CTS Group of Chicago, IL for the Dehumidification System Replacement at the Orland Park Health & Fitness Center for a cost of \$553,464.00 plus \$37,536 contingency for a total cost not to exceed \$591,000.