



Legislation Details (With Text)

File #:	2017-0157	Version:	1	Name:	Facilities Lighting Upgrades - Proposal
Type:	MOTION	Status:	PASSED		
File created:	3/1/2017	In control:	Board of Trustees		
On agenda:	3/20/2017	Final action:	3/20/2017		
Title:	Facilities Lighting Upgrades - Proposal				
Code sections:					
Attachments:	1. Proposal, 2. CTS Group - Lighting Upgrades				

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
3/1/2017	0	Public Works Department	INTRODUCED TO COMMITTEE	

Title
Facilities Lighting Upgrades - Proposal

History

The Energy Independence and Security Act of 2007 (EISA) states that the magnetic ballasts and T12 bulbs/lamps can no longer be produced and used for commercial and industrial applications. All imported and domestic production of the T12 fluorescent lights were to cease after July 14, 2012, per the mandate. Large manufacturers like Philips and Sylvania were granted two-year extensions on the deadline. The Village, like most other public facilities, needs to transition its facilities to the energy efficient T8 and or LED lighting.

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 received the top recommendation.

During the June 1, 2015 Board of Trustee meeting, the board approved the authorization of the CTS Group to conduct an Investment Grade Energy Audit of the Village facilities. CTS surveyed all Village facilities and determined that, with the exception of the Splex and Health and Fitness Center, all other facility interior spaces contain T-12 lighting fixtures that are inefficient and are being phased out of service. In addition, many of the Village facilities have Metal Halide, High Pressure Sodium and mercury vapor lighting fixtures that need to be upgraded to improve lighting quality and reduce energy consumption and maintenance costs.

CTS's turnkey solution includes engineering with architectural fees/permits/drawings, project management and subcontractor work completion. The CTS Groups recommends that the Village Hall, Civic Center, and Franklin Loebe Center be converted as part of this first phase transition. Currently, the Department of Commerce and Economic Opportunity (DCEO) has incentives for T-12 replacements. Based on the Village's cost to install this current phase of lighting fixtures (\$198,900),

applicable grants through the DCEO Illinois Energy Now program are estimated at \$23,814. CTS will submit all necessary paperwork for preapproval and final submission on behalf of the Village. This is the last year that DCEO will administer these incentives. The program is being turned over to utility companies after May of 2017 and it is unlikely that T-12 incentives will be provided in the future. The CTS Group will administer this program that will allow for Village facilities to transition from the outdated fluorescent technology to newer, approved, lighting technologies (T8 and/or LED).

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

Funds are available in account 010-1700-443100 to cover the cost for this work.

Recommended Action/Motion

I move to approve accepting the proposal from the CTS Group of Chicago, IL to upgrade T-12 lighting fixtures in Village facilities for a not-to-exceed amount of \$198,900.