



**MEMO TO:** Planning and Public Works Committee of the Whole

**FROM:** Cathy Beam, AICP, Principal Planner

**DATE:** August 13, 2019

**SUBJECT:** Energy Efficient Building Lighting Upgrades and PSB Heat Pump Replacements  
– Energy Services Company (ESCO) Project

**I. PURPOSE** ☐ For Info Only ☐ Potential Agenda Item ☒ Scheduled for Council Action

**II. RECOMMENDATION**  
To be placed on the October 1, 2019, Council meeting agenda for action.

**III. DEPARTMENT CONTACTS**

Erika Vandenbrande, Director	425-556-2457
Cathy Beam, AICP, Principal Planner	425-556-2429
<i>Department of Planning and Community Development</i>	
Lee Ann Skipton, Facilities Manager	425-556-2398
<i>Parks and Recreation Department</i>	

**IV. DESCRIPTION/BACKGROUND**  
This project includes retrofitting additional city buildings with energy efficient lighting in a continuing effort to run more energy efficient buildings. These buildings include: City Hall, Fire Station 14, Fire Station 16, Fire Station 16 Mechanic Buildings, Fire Station 17, Fire Station 18, the Teen Center, and the MOC campus (including exterior lighting). Although the initial Investment Grade Audit is not yet completed, the estimate energy savings is anticipated to be around 275,000 kWh/yr.

In addition, the project includes upgrading approximately 15-20 water source heat pumps in the Public Safety Building. This represents the second traunch of heat pump replacements for this building, as they continue to have problems and are at the end of their useful life.

In order to accomplish this work, the City will enter into an agreement with the Department of Enterprise Services to amend our existing Interagency Agreement for these lighting upgrades and heat pump replacements. This will be the seventh amendment to the agreement.

**A. Analysis**

**Service/Delivery:** Approval of this project will result in the ability to move forward on creating an energy efficient City building portfolio.

**Fiscal Note:** The anticipated energy savings is \$20,000-\$25,000 annually and the operational savings is expected to be roughly \$10,000 annually.

**V. TIME CONSTRAINTS**

There are no time constraints. However, funding for this project is in the adopted 19/20 budget.

**VI. LIST OF ATTACHMENTS**

Attachment A: Executive Summary Sheet