Agenda Item

TO: Mayor and City Council

FROM: Mark S. Gaugh, City Manager

DATE: June 6, 2016

RE: Council Chambers Audio/Visual System

Issues

City Hall was built in 2001, and most of the current equipment for the audio visual system is 15 years old. This is a lot of age for electronic components. The Council Chambers is used by multiple boards and commissions throughout the year, and the equipment is in need of replacement. We no longer need to use the current configuration for the system. The monitors are outdated and take up unnecessary space, reducing space under the counter. Two of the monitors need to be replaced, due to failure. One has been replaced once, already, but it has failed, since. We can replace monitors with smaller, flat panel monitors mounted on top of the counter. The glass tops can be removed and a new counter installed that will allow the use of wireless mics. The existing microphones have been a constant problem and some were replaced with different models, since the originals are no longer available. The CPU is not only old, but the operating software and programs will need to be replaced. The projection system can be replaced with something less costly, while providing higher resolution. The upper wall sconce lights have been a source of expense, because of the high heat output. Failures have been common and are relatively expensive. Today's L.E.D. technology will allow better lighting with low heat output and higher electrical efficiency, along with lower maintenance cost.

We advertised for proposals to replace the system and received a proposal from Ameresco. Their engineer has evaluated the system and made recommendations for a replacement system. Ameresco is same company that installed energy conservation improvements in City buildings, along with the Automated Metering Infrastructure. They will provide a turnkey service for the audio visual system and supply a specification for the L.E. D. lighting, which will be replaced by the City's Electric staff. We are not recommending adding video streaming, because of additional cost ($8,200), unknown legal issues for archiving, staff management of data and unknown increased cost for stored data. Interested attendees have videoed the meetings in the past, and may continue to do so, as long as they do not cause disruption to the meeting(s).

Since the system is used by all major departments in the City, the cost ($46,500) will be allocated accordingly, lessening the impact to any singular department.

Recommendation

Staff recommends that the Council approve Ameresco's proposal to replace the components with a more reliable and efficient system utilizing today's technology.

Replace Sound System:

Powered Mixing Board
Labor & Materials

Replace Fixed Microphones w/ wireless Mics:

Podium Microphone
Dais Hand Held Microphones (Wireless)
Labor & Materials

Install New Projection System:

Large 80” Screen (Wall Mount)
Council Conf. Rm. Monitor
Ancillary Equipment
Labor & Materials

Replace & Remove Under-Mount Monitors with Laptop and Computer Monitors:

1 Laptop Computers
6 Computer Monitors
New Counter-top
Wi-Fi System
Ancillary equipment
Labor & Materials

Provide Specification for lighting to replace upper wall sconces.

Total Budgetary Costs: $46,500

Cost would be divided among all major departments, since the use of the system will involve all departments.

Ameresco will hire all contractors, coordinate work, oversee installation and start-up of the system for a turnkey transition.