Public Safety Committee Meeting

Meeting Date: 05/28/2024

Technology Equipment Replacements

Department:	Information Technology
Presenter:	Glenn Hall, Client Support Manager
Caption:	Motion to approve the replacement of obsolete computer equipment (laptops, computers, servers, printers, scanners, switches, routers, VOIP phones, virtual environment, backup solutions, analog gateways, other telecommunication devices, security appliances, uninterrupted power supplies, radios, and MDTs) as well as the purchase of any related required computer software upgrades, cloud storage, and server resources.
Background:	In an effort to provide the employees of Augusta Richmond County with current technology and to stay in line with the Information Technology Strategic Plan, the Information Technology Department (IT) schedules the replacement of end-of-life equipment that, due to age and capability, is not compatible with current standards and is unable to support current software requirements. Information Technology developed an IT Technology Replacement plan that replaces obsolete computer equipment every 5 to 8 years (the normal life expectancy for the equipment). The replacement of computer and communication equipment will consist of any devices that are not capable of meeting current software or business needs, along with the necessary software and virtual resources to support the equipment. Information Technology is also continuing with the standardization of current operating systems and Microsoft Office products throughout the organization. Therefore, required software and hardware upgrades may need to be purchased for computers and servers that are not scheduled to be replaced. Regardless of funding source, all technology equipment removed from production will be disposed of in accordance with the technology decommissioning policy. Inoperable equipment will be taken to the electronic recycling drop point at the Augusta Richmond County Landfill. Qualified equipment that meets determined specifications will either be sold in the Employee Lottery or redistributed to appropriate locations for use in Community Outreach Programs (i.e. Recreation Department Community Centers). All other functional equipment will be taken to the Fleet Department for sale at auction. All data will be erased from any devices using a DOD-certified method.
Analysis:	Currently, there are approximately 2000+ desktop computers, 500+ laptops and tablets, 400+ MDTs, and 1500+ radios deployed by the city. Life cycles are set for desktop equipment based on industry standards. In some cases, outdated computers, servers, printers, laptops, radios, and MDTs are incapable of operating the software required by the current business environment. In addition, critical infrastructure components in the Information Technology Data Center are also scheduled for replacement based on end-of-life dates. All items will be purchased according to current Procurement requirements,

typically through discounted Statewide contracts (managed by Georgia Department of Administrative Services).

Financial Impact: The approximate estimated total cost for items scheduled to be replaced, upgraded, or purchased in 2024 is $693,200. Funds for these replacements are included in the 2024 Information Technology Operating and Capital Budget.

Alternatives: Leave existing devices and equipment in place. However, this will increase the cost of replacements in future budgets and will affect other technology-related implementations, projects, and normal business processes. Supporting and maintaining this out-of-date equipment could result in unpredictable outcomes, reduced efficiency for certain departments, and an increased risk of failure.

Recommendation: Approve the replacement of obsolete computer equipment (laptops, computers, servers, printers, scanners, switches, routers, VOIP phones, virtual environment, backup solutions, analog gateways, other telecommunication devices, security appliances, uninterrupted power supplies, radios, and MDTs) as well as the purchase of any related required computer software upgrades, cloud storage, and server resources.

Funds are available in the following accounts: 272015410-5316220 (Desktops); 272015410-5316230 (Laptops); 272015410-5316260 (Printers); 272015410-5424210 (Servers); 272015410-5424910 (Other Computer Systems); 272015410-5316210 (Noncapitalized Equipment); 272015410- 5316250 (Peripherals); 272015410- 5424510 (Peripheral Equipment); 272015410-5424220 (Software); 272015410-5316120 (Telephones); 272015410-5316121 (Telephone Equipment); 272015410-5421110 (Machinery); 101015410-5311915 (Operating-Maintenance, Small Equipment)

REVIEWED AND APPROVED BY: N/A