

City of Baltimore - Six Year Capital Program
Agency Request for: Baltimore City Office of Information & Technology

Amounts in Thousands

117-019 City Wide Agencies Switches Upgrade

Description: Refresh network switches no longer vendor supported. Switches provide end user access to Citi-Watch, e-mail and all other internet services and applications.
 Location: Baltimore City

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
100 General Obligation Bonds	650	600	350	350	350	350	350	3,000
Total	650	600	350	350	350	350	350	3,000

117-026 City Wide Agencies Uninterrupted Power (UPS)Supply Upgrade

Description: Install APC uninterruptible power systems(UPS) to prevent and protect the City's email, internet, City financials and telephone systems from electrical power outages. These services are critical for public safety and revenue generation.
 Location: Baltimore City

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
100 General Obligation Bonds	500	500	0	0	0	0	0	1,000
Total	500	500	0	0	0	0	0	1,000

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117-029 Citywide Cyber-Security Systems Upgrades

Description: Increase and enhance Cyber-Security technologies on workstations, laptops, tablets, etc. to protect the City from on-going Cyber security threats. This includes providing and maintaining proactive forensic for all computing assets.

Location: Baltimore City

					Impact on FY 2021 Operating Budget : 0			
Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
100 General Obligation Bonds	1,000	1,000	1,000	1,000	1,000	1,000	1,000	7,000
Total	1,000	1,000	1,000	1,000	1,000	1,000	1,000	7,000

117-030 BCIT Data Center Internet Upgrade

Description: Enhance the ISP and Core network capabilities to increase internet bandwidth across the City. Ensure City's infrastructure users are able to perform network and internet based transactions efficiently without degradation

Location: Baltimore City

					Impact on FY 2021 Operating Budget : 0			
Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
100 General Obligation Bonds	300	350	100	100	100	100	100	1,150
Total	300	350	100	100	100	100	100	1,150

117-039 BCIT Data Warehouse Project

Description: Upgrade the City data warehouse to the cloud and manage siloed data,improving data quality and making it accessible in one place, for city residents and employees.

Location: Baltimore City

					Impact on FY 2021 Operating Budget : 0			
Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
100 General Obligation Bonds	300	300	0	0	0	0	0	600
Total	300	300	0	0	0	0	0	600

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117-041 City Wide Agencies Network Cabling and Wiring Upgrade

Description: BCIT will modernize fiber and copper cable in various locations to accommodate new technologies, increased network capacity and throughput requirements.

Location: Baltimore City

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
100 General Obligation Bonds	300	1,650	1,250	1,250	1,250	1,250	1,250	8,200
Total	300	1,650	1,250	1,250	1,250	1,250	1,250	8,200

117-046 City Wide Data Center Fiber Divergence

Description: Implement redundant network connectivity to the City's data centers.

Location: Baltimore City

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
100 General Obligation Bonds	250	750	200	200	200	200	200	2,000
200 General Funds	0	0	0	0	0	0	0	0
Total	250	750	200	200	200	200	200	2,000

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117-048 Removal and Migration from Unmanaged Network Hubs, Cable, Switches

Description: Replace select unmanaged network devices across the City that are currently in production. This will provide increased security and management capabilities.

Location: Citywide

					Impact on FY 2021 Operating Budget : 0			
Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
100 General Obligation Bonds	0	1,000	250	250	250	250	250	2,250
Total	0	1,000	250	250	250	250	250	2,250

117-049 Replace Wireless Controller and Access Points

Description: Replace existing wireless network components to improve wireless security and performance.

Location: Citywide

					Impact on FY 2021 Operating Budget : 0			
Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
100 General Obligation Bonds	0	500	100	100	100	100	100	1,000
Total	0	500	100	100	100	100	100	1,000

117-050 Adaptive Security Appliance(ASA) Firewall Upgrade

Description: Replace security hardware to improve security and performance for remote user access to City applications.

Location: Citywide

					Impact on FY 2021 Operating Budget : 0			
Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
100 General Obligation Bonds	0	350	150	150	150	150	150	1,100
Total	0	350	150	150	150	150	150	1,100

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117-051 Enhance Identity Management

Description: Implement new tool that centralizes user access to applications to meet security requirements.

Location: City Wide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
100 General Obligation Bonds	0	300	100	100	100	100	100	800
Total	0	300	100	100	100	100	100	800

117-052 Security Information and Event Management

Description: Implement a City owned Security Information and Event Management (SIEM) system. The SIEM will provide vulnerability and risk assessments that alert for potential cyber events.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
100 General Obligation Bonds	0	700	0	0	0	0	0	700
Total	0	700	0	0	0	0	0	700

117-054 Remediation of End of Life Systems

Description: This project will replace end-of-support systems in order to mitigate operational, security, and cost risks as these servers are no longer supported by the vendors.

Location: City Wide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
100 General Obligation Bonds	0	2,000	1,500	1,500	1,500	1,500	1,500	9,500
Total	0	2,000	1,500	1,500	1,500	1,500	1,500	9,500