

ITD-WalkOn-1

Sponsor: Councilmember Pedersen

Add \$1.3 million to ITD for Cybersecurity Enhancements

Effect: This Council Budget Action would add \$1.3 million GF to the Seattle Information Technology Department (ITD) for cybersecurity enhancements.

The total amount for 2022 is the sum of \$850,000 GF of one-time spending in 2022 and \$465,000 of ongoing spending beginning in 2022:

One-time - \$850,000

- Phase 2 of Multi-factor Authentication (MFA) capital purchases: \$300,000;
- Phase 2 of Multi-factor Authentication (MFA) consultant and implementation: \$300,000; and
- Password Manager pilot: \$250,000

Ongoing – \$465,000

- Vendor Security Monitoring service (60 assessments for existing and new vendors): \$140,000;
- Internal Network Traffic Monitoring: \$200,000; and
- Penetration Testing service: \$125,000.

Multi-factor authentication is a security enhancement that requires users to present two or more pieces of evidence to log into a digital resource such as a device, application or network. The Password Manager pilot would assess the use of longer and more secure passwords. Internal Network Traffic Monitoring is a means to track the movement of data across the City's network and to discover potentially malicious anomalies. Penetration testing evaluates the security of an information technology (IT) system, like a computer network, by attempting to breach the security of the IT system using tools that an actual cyber attacker would employ.

The added \$300,000 GF for MFA capital purchases would be shown as an amendment to ITD's Computing Services Architecture (MC-IT-C3201) Capital Improvement Program (CIP) project for 2022, see Attachment A.

Computing Services Architecture

Project No:	MC-IT-C3201	BSL Code:	BC-IT-C0700
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

This ongoing project funds the regular replacement of and major maintenance of software, computing and storage systems on behalf of City departments by Seattle IT.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
<u>General Fund</u>			<u>300</u>						
Internal Service Fees and Allocations, Outside Funding Partners	19,295	2,215	1,082	4,740	1,143	1,740	2,550	2,550	35,315
LTGO Bond Proceeds	2,966	6,430	1,100	5,910	3,992	4,620	4,295	5,700	35,012
Total:	22,261	8,645	<u>2,482</u> <u>2,482</u>	10,650	5,135	6,360	6,845	8,250	70,328
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	22,261	8,645	<u>2,482</u> <u>2,482</u>	10,650	5,135	6,360	6,845	8,250	70,328
Total:	22,261	8,645	<u>2,482</u> <u>2,482</u>	10,650	5,135	6,360	6,845	8,250	70,328

O&M Impacts: This CIP project represents ongoing capital purchases to support our operating shared services projects. Ongoing impacts are built into Seattle IT's budget.