

THE COUNCIL OF THE CITY OF NEW YORK

Hon. Corey Johnson
Speaker of the Council

Hon. Daniel Dromm
Chair, Finance Committee

Hon. Peter Koo
Chair, Committee on Technology



Report to the Committee on Finance and the Committee on Technology on the
Fiscal 2020 Executive Plan, the Ten-Year Strategy for Fiscal 2020 – 2029, and Fiscal
2020 Capital Commitment Plan

Department of Information Technology and Telecommunications

May 14, 2019

Finance Division

Sebastian Palacio Bacchi, Financial Analyst

John Russell, Unit Head

Latonia McKinney, Director
Regina Poreda Ryan, Deputy Director

Paul Scimone, Deputy Director
Nathan Toth, Deputy Director

Department of Information Technology and Telecommunications Overview

This report presents a review of the Department of Information Technology and Telecommunications (DoITT) Fiscal 2020 Executive Budget. The section below presents an overview of the Department's budget and how it has changed during the course of Fiscal 2019, followed by a review of the significant budget actions introduced in the Fiscal 2020 Executive Budget. Major issues related to the Department's budget are then discussed. Analysis and highlights of DoITT's Executive Capital Budget and Commitment Plan for Fiscal 2019 – 2023 follows the discussion of the expense budget. Appendix 1 reports the changes made to the Fiscal 2019 and Fiscal 2020 Budgets since Adoption of the Fiscal 2019 Budget. For additional information on the Department's budget and its various programs, please refer to the Fiscal 2020 Preliminary Budget Report for DoITT at: <https://council.nyc.gov/budget/wp-content/uploads/sites/54/2019/03/858-DoITT1.pdf>

Below is a summary of key funding changes by program area and source when comparing DoITT's Fiscal 2020 Executive Budget to its Fiscal 2019 Adopted Budget.

Department of Information Technology and Telecommunications Financial Summary						
	2017	2018	2019	Executive Plan		*Difference
<i>Dollars in Thousands</i>	Actual	Actual	Adopted	2019	2020	2019 - 2020
Spending						
Personal Services (PS)	\$126,164	\$135,340	\$152,909	\$148,582	\$172,947	\$20,038
Other Than Personal Services (OTPS)	511,441	522,574	513,774	589,466	511,063	(2,711)
TOTAL	\$637,604	\$657,914	\$666,684	\$738,048	\$684,011	\$17,327
Budget by Program Area						
Citywide Tech Support Services	\$163,197	\$163,624	\$149,060	\$151,498	\$154,025	\$4,966
911 Emergency Call Center's IT Maintenance & Operations	97,216	82,127	99,085	81,756	97,213	(1,872)
311/NYC.gov Operations	46,725	50,456	48,090	50,738	49,702	1,612
NYC Media Group	17,029	21,769	25,264	33,645	24,241	(1,024)
NYC Cyber Command	7,430	22,201	65,820	63,549	95,346	29,526
DoITT General Administration & Operations	\$136,448	\$135,431	\$142,315	\$193,888	\$124,995	(17,320)
IC Agency Support Services	169,561	182,306	137,050	162,975	138,490	(1,440)
TOTAL	\$637,604	\$657,914	\$666,684	\$738,048	\$684,011	\$17,327
Funding						
City Funds			\$491,275	\$479,071	\$519,917	\$28,642
Other Categorical			2,680	13,392	2,639	(41)
Capital - IFA			1,895	1,468	2,020	125
State			25,668	67,230	14,841	(10,827)
Federal - Community Development			6,014	8,034	1,677	(4,338)
Federal - Other			300	3,702	950	650
Intra City			138,852	165,152	141,967	3,115
TOTAL	\$637,604	\$657,914	\$666,684	\$738,048	\$684,011	\$17,327
Budgeted Headcount						
Full-Time Positions	1,484	1,493	1,816	1,785	1,840	24
TOTAL	1,484	1,493	1,816	1,785	1,840	24

*The difference of Fiscal 2019 Adopted Budget compared to Fiscal 2020 Executive Budget.

DoITT's Fiscal 2020 Executive Budget includes \$519.9 million in City tax-levy funds, which represents approximately 76 percent of the Department's total budget. Due to the fact that DoITT purchases services on behalf of client agencies, including telecommunications, data and consultant services, intra-city funding totals \$141.9 million, or 20.7 percent of the Department's total funding for Fiscal 2020.

DoITT's Fiscal 2020 Executive Budget is \$17.3 million more than its Fiscal 2019 Adopted Budget of \$666.7 million. The net change is driven by a \$29.5 million increase in funding for the New York City Cyber Command, and other cyber security related purposes, and is offset by reductions associated primarily with the Department's Citywide Savings Program, and other re-estimates in the budget. When compared to the Fiscal 2019 Adopted Budget, the net change in headcount increases by 24 positions. Of the 24 positions that were added, 17 of them were for Inter-Fund Agreement (IFA) extensions into Fiscal 2020, and are associated with on-going capital projects.

DoITT's current-year budget has increased significantly when compared to its Fiscal 2019 Adopted Budget. The increase can be attributed to the recognition of State, Other Categorical, and Federal funding during the course of Fiscal 2019, such as the Mayor's Office of Criminal Justice (MOCJ) "*Ecology of Justice*" Program, which added \$38.9 million in State Asset Forfeiture funding to the Fiscal 2019 Budget. Furthermore, there was \$17 million in State funding earmarked for cyber security purposes at DoITT in the current year budget that has yet to be recognized in the Fiscal 2020 budget.

Below is a summary of key funding changes by program area and source when comparing DoITT's Fiscal 2020 Executive Budget to its Fiscal 2019 Adopted Budget.

Changes by Funding Source

- **State Funding.** The Fiscal 2020 Executive Budget decreases DoITT's State funding by \$10.8 million when compared to its Fiscal 2019 Adopted Budget, as there is State funding that has yet to be recognized in the Fiscal 2020 budget.
- **City Tax-Levy funding.** The Fiscal 2020 Executive Budget increases DoITT's City funding by \$28.6 million when compared to its Fiscal 2019 Adopted Budget, mainly dedicated to fund the New York City Cyber Command, as its budget is expected to grow to \$125 million by Fiscal 2022.
- **Intra-City Funding.** The Fiscal 2020 Executive Budget recognized an increase in Intra-City payments when compared to its Fiscal 2019 Adopted Budget, totaling \$141.9 million, for services that DoITT purchases on behalf of client agencies, including telecommunications, data and consultant services. These are expenses that are not incurred by the Department.

New in the Executive Plan

DoITT's Fiscal 2020 Executive Budget introduces \$3.6 million in new needs in Fiscal 2019 and \$9.4 million in Fiscal 2020, including \$3.4 million in Fiscal 2019 for the NetIQ True-Up, and \$4.6 million in Fiscal 2020 for expense costs associated with the 311 Re-Architecture project.

- **311 Re-Architecture.** The Fiscal 2020 Executive Plan introduces \$4.6 million in new needs for Fiscal 2020 and baselined funding of \$560,745 beginning in Fiscal 2021 to cover capital ineligible costs regarding the on-going 311 Re-Architecture project. There is another new need for the Customer Relationship Management System in Fiscal 2019 totaling \$192,150 for expense costs related to the on-going 311 Re-Architecture project. DoITT's Capital Budget also includes \$9.3 million for the 311 Re-Architecture project in Fiscal 2019. The funding will allow the 311 Customer Call Center to deliver a more

customer-centric, cost effective system and help modernize the Customer Relationship Management (CRM) software, while revitalizing the 311 Mobile App. As mentioned in DoITT's Fiscal 2020 Preliminary Budget Report, the new CRM software system is expected to launch mid-2019.

- **CECM ITCS Resources.** The Fiscal 2020 Executive Plan includes \$218,000 in new needs for Fiscal 2020, only, for Citywide Event Coordination and Management (CECM) system IT resources. These resources will handle all IT aspects of system maintenance, including documenting business processes, coding, and providing the necessary system updates. CECM provides oversight on all City event-permitting activities, advises and assists the Mayor in the coordination of policies, procedures and operations in relation to permitting, and reviews the coordination of street activities and pedestrian plaza events.
- **IFA Extensions.** The Fiscal 2020 Executive Plan includes \$2 million in new needs for Fiscal 2020 to extend 17 inter-fund agreement (IFA) positions that are conducting work with the 911 Technology Refresh Project. The goal of the 911 Technology Refresh project is to refresh Public Safety IT sub-systems and migrate to a Next Generation 911 system.
- **Net IQ True-Up.** The Fiscal 2020 Executive Plan includes \$3.4 million in new needs for Fiscal 2019, only, to cover costs associated with additional software licenses needed for the IDNYC program. A recent audit conducted by the agency found that more residents have created accounts than originally anticipated.
- **Telecom Shortfall.** The Fiscal 2020 Executive Plan includes baselined new needs of \$339,960 beginning in Fiscal 2019 to cover overall telecommunication expenses across the agency.
- **Civic Engagement Commission.** The Fiscal 2020 Executive Plan includes baselined new needs of \$2.4 million beginning in Fiscal 2020 and adds seven new positions. This funding will administratively support the Civic Engagement Commission, which was created by a Charter amendment in the November 2018 General Election. In addition to the seven new positions, this funding will provide poll site interpreters, community board technical assistance, a participatory budgeting project, and general OTPS needs.

Other Adjustments

DoITT's Fiscal 2020 Executive Plan includes other adjustments that increase the budget by \$3.5 million in Fiscal 2019 and decrease the budget by \$4.8 million in Fiscal 2020, as described below.

- **Agency Phone Plan Review.** The Fiscal 2020 Executive Plan includes baselined savings of \$1.3 million beginning in Fiscal 2020, as DoITT's telecommunications resource team continues to review city agency spending by service type in order to identify a more cost-effective service provider option.
- **Information Technology Bureau (ITB) Intra-City Funding.** The Fiscal 2020 Executive Plan includes an intra-city adjustment of \$9.3 million only in Fiscal 2019 from the NYPD. This funding is to support the distribution of smartphones to all police officers and tablets to patrol vehicles.

- **New York City Cyber Command.** As mentioned above, NYC Cyber Command's (NYC3) Fiscal 2020 Executive Budget has increased by \$29.5 million when compared to its Fiscal 2019 Adopted Budget of \$65.8 million. One of the primary reasons for this increase is a \$12.2 million increase in Personal Services (PS) funding, as NYC3 is expected to reach 267 full-time positions by Fiscal 2022. Additionally, Other Than Personal Services (OTPS) funding for Fiscal 2020 has increased by \$17.3 million since Adoption of the Fiscal 2019 Budget, primarily driven by the purchase of cyber defense tools, the majority of which come in the form of software licenses to perform its operations.
- **Lease Adjustment.** The Fiscal 2020 Executive Plan includes approximately \$1.1 million in baselined funding between Fiscal 2020 through 2023. This is a funding adjustment to DoITT's lease budget, covering anticipated increases associated with the operating costs for DoITT's numerous facilities.

Citywide Savings Program

In the Fiscal 2020 Preliminary Plan, the Administration announced that it would introduce Programs to Eliminate the Gap (PEGs) for the first time in its tenure, across most City agencies. The Administration required every agency to identify budgetary savings that would collectively add up to \$750 million. DoITT's PEG target was \$15.7 million between Fiscal 2019 and Fiscal 2020. Since Adoption, DoITT generated \$15.8 million in savings in Fiscal 2019, \$7.1 million in Fiscal 2020, and baselined savings of \$7.3 million beginning in Fiscal 2021. The majority of these savings were included in DoITT's Fiscal 2020 Executive Plan. Significant savings realized in the Fiscal 2020 Executive Plan include the following.

- **Decommissioning and Maintenance Savings.** DoITT will realize savings of \$2.1 million in Fiscal 2019 and \$83,000 in Fiscal 2020 by decommissioning end-of-life IT systems and rightsizing software and hardware maintenance contracts. The majority of these savings were achieved through capital projects introduced in DoITT's Fiscal 2020 Preliminary Plan to replace end-of-life components at the Public Service Answering Centers (PSACs) and other DoITT facilities.
- **Hiring Freeze Savings.** DoITT will realize savings of \$5.1 million in Fiscal 2020 and baselined savings of \$6 million beginning in Fiscal 2020 as they permanently eliminate 72 vacant positions. Some of the vacancies were eliminated from Administration and from operations related to NYC TV, the City's official broadcast network and media production group.
- **MOME – Incentive Fund Savings.** DoITT will realize savings of \$446,000 in Fiscal 2019 and baselined savings of \$1 million beginning in Fiscal 2020, as the Mayor's Office of Media and Entertainment (MOME) adjusts the budget of the Film Incentive Fund to reflect actual spending.
- **PS Savings.** DoITT will realize savings of \$6.4 million in Fiscal 2019 and \$629,000 in Fiscal 2020 due to delays in filling vacant positions across the agency. It should be noted that

\$2.5 million of the \$6.4 million in savings realized in Fiscal 2019 came from delays in filling vacant positions in New York City Cyber Command.

- **Re-Estimate of IT Related Expenditures.** DoITT will realize savings of \$5 million in Fiscal 2019 and \$4,384 in Fiscal 2020 by re-estimating the costs associated with IT expenditures across the agency, which the agency submitted to meet its PEG savings target.

Fiscal 2020 Preliminary Budget Response

The Council's response to the Mayor's Fiscal 2020 Preliminary Budget included numerous recommendations for DoITT. The following are proposals that were funded/partially funded in the Fiscal 2020 Executive Plan.

- **Reduce Spending on Citywide Data Processing Contracts.** The Fiscal 2020 Preliminary Budget included approximately \$310 million for data processing contracts. The Council called on DoITT to work with City agencies to reduce the spending across the board by five percent by renegotiating and consolidating contracts, which would result in savings of around \$15 million. This was partially included in the Executive Plan, as the Agency recognized savings of \$180,112 through rightsizing software and hardware DoITT maintenance contracts. However, the Council believes there is additional savings that can be realized across several agencies, including DoITT.
- **Reduce Funding for the Mayor's Office of Media and Entertainment (MOME) Film Incentive Fund.** The Fiscal 2020 Preliminary Budget for the MOME Film Incentive Program totaled approximately \$16 million. However, since Fiscal 2013, average actual expenditures have totaled around \$9 million. Furthermore, TV and movie production companies have access to a \$420 million film tax credit program through New York State, a far larger pool of resources than that provided by the City. The Council called on the Administration to reduce the budget of the MOME Film Incentive Fund by \$5 million to reflect actual costs. DoITT slightly adjusted the budget of the Film Incentive Fund to reflect actual costs, and will realize savings of \$446,000 in Fiscal 2019 and baselined savings of \$1 million beginning in Fiscal 2020.
- **Reduce the Emergency Communications Transformation Program (ECTP) OTPS Budget.** Over the past two fiscal years, actual expenses for ECTP OTPS budget line in DoITT has been, on average, approximately \$10 million less than what was budgeted. The Council recommended that DoITT reduce this OTPS budget by \$5 million to reflect actual costs. DoITT will realize savings of approximately \$2 million in Fiscal 2019 through the decommissioning of end-of-life IT components related to the PSACs. Given DoITT's introduction of new capital projects in the Fiscal 2020 Preliminary Plan aimed at decommissioning end-of-life components in its numerous facilities, the Council anticipates additional savings from this initiative in the upcoming financial plans.
- **Expanding the Partial Hiring Freeze at DoITT.** As of January, 2019, DoITT had a city-funded vacancy rate of 16 percent, equivalent to 286 positions. Because 30 percent of DoITT's vacancies are in Administration, the Council recommended partially freezing 40 vacant positions for Fiscal 2020, in order to generate approximately \$3 million in savings. DoITT

has gone beyond the Council recommendation and permanently eliminated 72 vacant positions which will result in budgetary savings of \$5.1 million in Fiscal 2020 and baselined savings of \$6 million beginning in Fiscal 2021.

However, there are other issues that the Council called for in the Fiscal 2020 Preliminary Budget Response that have not been included in the Fiscal 2020 Executive Budget, as it pertains to the Department.

- **Reduce Costs Associated with the New York City Wireless Network (NYCWiN).** According to DoITT, it expects a full shutdown of NYCWiN by June 2020, followed by an 18-24 month period to decommission the physical aspects of NYCWiN. As City agencies begin to move over to commercial carriers, the maintenance budget for NYCWiN should be reduced by \$5 million for Fiscal 2020. Furthermore, over the course of the decommissioning process, the Council called on the Administration and the Department to reduce NYCWiN's budget by \$10 million to reflect the system's closure. The Council's ask was not reflected in DoITT's Fiscal 2020 Executive Budget. It should be noted that on April 6, 2019, NYCWiN went offline for approximately ten days¹, as the system was not prepared for a Global Positioning System (GPS) rollover in light of the Federal Government's warning a year earlier that a time-counter "rollover event" could affect GPS enabled devices like NYCWiN.² The New York Post reported that since 2006, Northrup Grumman has received \$891.1 million in payments off an initial five-year deal and two renewals³. Serious consideration must be given to the cost of NYCWiN to prevent an increase in costs as the system begins to shut down by June 2020.
- **Increase Units of Appropriation.** Although DoITT added new Units of Appropriation (U/As) as of the Fiscal 2019 Adopted Budget, the Council called on the Administration and the Department to add U/As for 311 operations and for the Mayor's Office of Data Analytics (MODA). This was not included in the Fiscal 2020 Executive Budget, as DoITT stated that existing budget codes for these program areas should be sufficient for tracking purposes. However, we are currently working with the Administration to include additional U/As in the following financial plan.

Miscellaneous Revenue

The Fiscal 2020 Executive Budget projects that the Department will generate Miscellaneous Revenue totaling \$190.2 million in Fiscal 2020, a decrease of approximately \$1.8 million from the projection in the Fiscal 2020 Preliminary Budget. The decrease is primarily driven by a \$2 million decrease in revenue projections in Fiscal 2020 from cable television franchise fees. DoITT mentioned that as more individuals move from paid cable service to online streaming, revenue for this category will decrease. For further information regarding DoITT's miscellaneous revenue streams as of the Fiscal 2020 Executive Budget, please refer to Appendix 2.

¹ Neuman, William. "New York City has a Y2k-like problem, and it doesn't want you to know about it". NY Times.

<https://www.nytimes.com/2019/04/10/nyregion/nyc-gps-wireless.html>

² Calder, Rich. "New York's troubled wireless system has become a \$900M money pit". NY Post.

<https://nypost.com/2019/04/21/new-yorks-troubled-wireless-system-has-become-a-900m-money-pit/>

³ Ibid.

DoITT Contract Budget

The Department's Fiscal 2020 Contract Budget totals \$254.6 million for 124 contracts, accounting for approximately 49.8 percent of the Department's Fiscal 2020 OTPS Budget. Contracts for Data Processing Equipment and Contractual General Services comprise a substantial portion, accounting for 53.3 percent and 25.5 percent respectively, of the Department's total Fiscal 2020 Contract Budget⁴. This is because DoITT provides computing services to City agencies to assist them in meeting their information processing needs. For further information regarding DoITT's Contract Budget as of the Fiscal 2020 Executive Budget, please refer to Appendix 3.

Capital Program

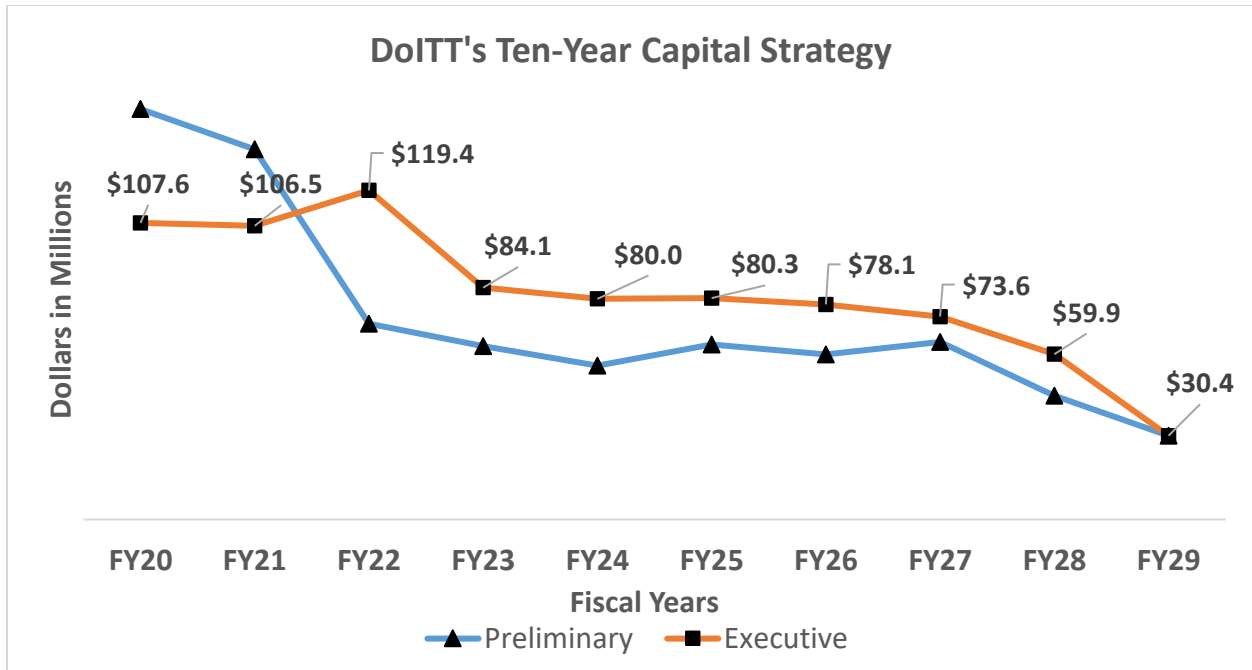
Ten-Year Capital Strategy for Fiscal 2019 – 2029

On April 13, 2019, the Administration released the Ten-Year Capital Strategy for Fiscal 2019 – 2029 (the Ten-Year Strategy), the Executive Capital Commitment Plan for Fiscal 2019 – 2023 (the Commitment Plan) and the Fiscal 2020 Executive Capital Budget (the Capital Budget).

The City's Ten-Year Strategy totals \$116.9 billion, which is \$27.5 billion larger than the \$89.6 billion Fiscal 2018 – 2028 Ten-Year Strategy. DoITT's Ten-Year Strategy totals \$820.1 million, equivalent to less than one percent of the City's total Strategy. DoITT's Ten-Year Strategy is broken out into a single category titled electronic data processing.

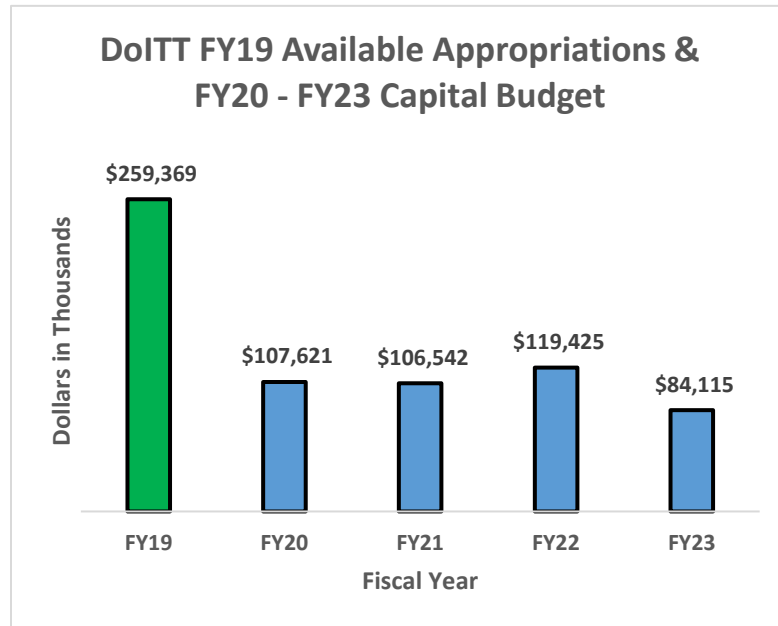
As outlined in the Council's Fiscal 2020 Preliminary Budget Response, the Fiscal 2020 – 2029 Preliminary Ten-Year Capital Strategy presented by the Administration was not true to its name, and many of the Ten-Year Strategy categories have a dramatic decline in planned spending, or no spending, in the second half of the plan. The Ten-Year Capital Strategy presented as part of the Fiscal 2020 Executive Budget still fails to address planning in the outyears for many city agencies, including DoITT.

⁴ Contracts for Data Processing Equipment covers hardware and software maintenance costs, such as the Microsoft ELA License maintenance, Veritas license maintenance and McAfee license maintenance. Contracts for Contractual General Services include copier/printer leases, consultant/professions services, general facilities maintenance and repairs, among others.



DoITT’s Fiscal 2020 Executive Ten-Year Strategy totals \$820.1 million, an increase of \$84.1 million, or 11.4 percent, since its Fiscal 2020 Preliminary Ten-Year Strategy. The increase in funding is associated with a combination of rollover and new capital projects in DoITT’s Executive Capital Commitment Plan. DoITT’s Fiscal 2020 Executive Ten-Year Strategy presents an improvement since its Preliminary Ten-Year Strategy, as funding has been more accurately projected in the first few years of the Plan, with funding being allocated to on-going Public Safety Answering Center (PSAC) capital projects and other cyber security related capital projects. However, as is the case with several other City agencies, DoITT’s Executive Ten-Year Strategy still frontloads \$333.5 million between Fiscal 2020 – 2022, and then drops to \$84.1 million in Fiscal 2023. DoITT’s Executive Ten-Year Strategy remains realistic only for the first few years it shares with the Capital Commitment Plan, with placeholders in the outyears. Given the nature of the ever-changing and fast-paced world of technology, it is difficult to accurately budget tech-related projects in the outyears, as other tech-related needs may be identified as fiscal years progress.

Fiscal 2020 Executive Capital Budget and Commitment Plan for Fiscal 2019-2023



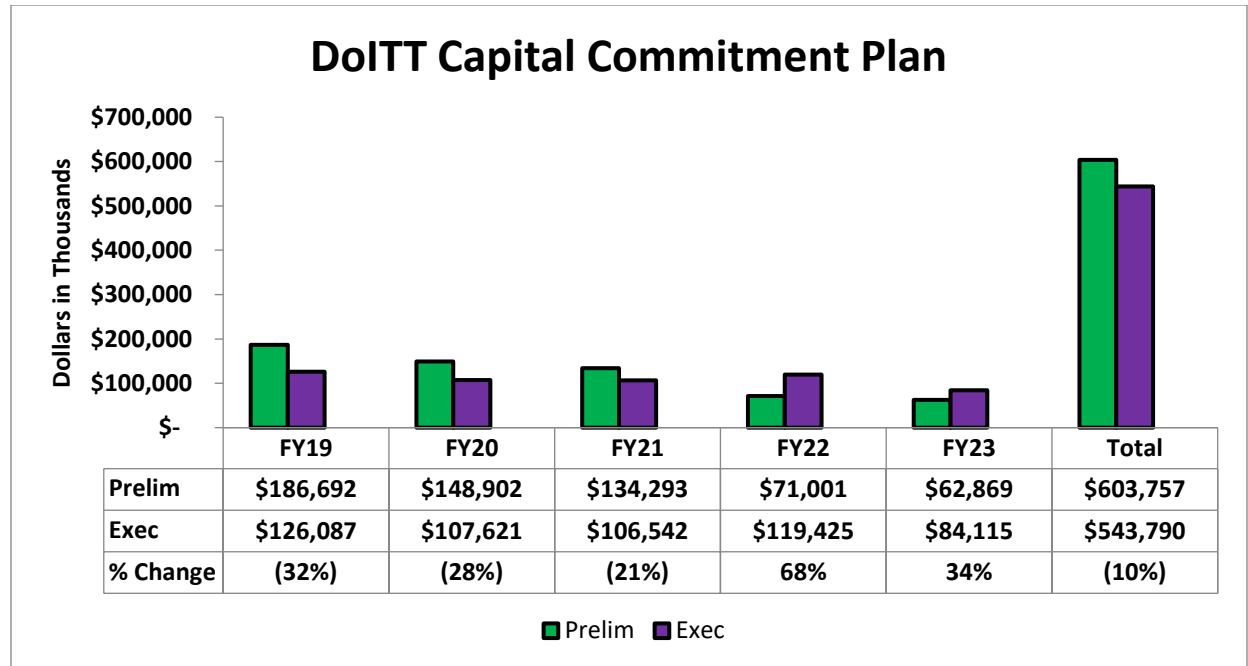
DoITT’s Fiscal 2020 Executive Capital Budget includes \$417.7 million in Fiscal 2020 – 2023, with \$107.6 million in Fiscal 2020⁵. This represents approximately less than one percent of the City’s total \$56.6 billion Capital Budget for 2020 – 2023. Available appropriations for Fiscal 2019 total \$259.4 million. Due to the fact that there was no new funding added in Fiscal 2019 authorized appropriations, the available appropriations for Fiscal 2019 is recognized as reauthorized prior year appropriations. The Executive

Capital Budget does not include any additional changes that will be made prior to Adoption, which will likely increase the City’s overall capital budget.

Capital Commitment Plan

The Department’s Executive Commitment Plan includes \$543.8 million in Fiscal 2019-2023. This represents less than one percent of the City’s total \$86.2 billion Executive Commitment Plan. The Department’s Capital Budget is significantly less the Capital Commitment Plan because it does not include the current appropriations for Fiscal 2019, or the amount of funding that may be re-appropriated or rolled into the Fiscal 2019 Adopted Budget. The following section will provide an overview of the Commitment Plan for DoITT.

⁵ The Capital Budget provides the required appropriations for Fiscal 2020 and planned appropriations for the subsequent three-year capital program. Appropriations represent the legal authority to spend capital dollars and are what the Council votes on at budget adoption.



The Department’s Fiscal 2020 Executive Capital Commitment Plan is approximately \$60 million less than the \$603.8 million scheduled in the Fiscal 2020 Preliminary Commitment Plan. In the Plan, funding for Fiscal 2019 – Fiscal 2021 decreases, as funds have been rolled into future fiscal years to reflect more accurate timelines. The following is a list of major new projects added in the Department’s Fiscal 2020 Executive Capital Budget, which were financed through the roll of capital funds.

- DoITT Privileged Access Management (PAM) Deployment.** The Fiscal 2020 Executive Budget includes \$20.4 million for the installation of PAM systems, which is a priority cybersecurity control. The PAM system efficiently limits administrative access/elevated privileges strictly to those who have an authorized business need for those credentials and provides a full audit of all actions taken using those credentials.
- DoITT 311 CSM System Re-Architecture.** The Fiscal 2020 Executive Budget includes \$3.2 million for the re-architecture of the Customer Service Management (CSM) System of the 311 Customer Service Center. The funding will add additional services that are required to deliver the enhanced CSM system.
- DoITT IP Network Infrastructure Upgrade.** The Fiscal 2020 Executive Budget includes \$15.4 million to replace the End-of-Life (EOL) CityNet networking equipment supporting the local area network (LAN) and Wi-Fi access points, core distribution nodes, among others.

Other DoITT Managed Capital Projects

Additionally, a portion of the capital funding for DoITT projects is housed in other areas of the Fiscal 2020 Executive Capital Commitment Plan. These include approximately \$184,000 in the Citywide Equipment Budget (PU) for phase 3 implementation of Citywide VoIP (Voice over Internet Protocol), and \$40.5 million for the Public Buildings Budget (PW), which includes a large

project of \$13.2 million in Fiscal 2022 for an alternate data center for the Financial Information Services Agency (FISA). A large portion of the funds in the PW budget (\$26.4 million) is held in one large lump-sum project line titled "*Infrastructure Equipment Upgrades*", which is for the improvement of long-term leased facilities for all boroughs.

Appendix 1: Fiscal 2020 Budget Actions since Fiscal 2019 Adoption

<i>Dollars in Thousands</i>	Fiscal 2019			Fiscal 2020		
	City	Non-City	Total	City	Non-City	Total
DoITT Budget as of the Fiscal 2019 Adopted Budget	\$491,275	\$175,409	\$666,684	\$519,316	\$152,829	\$672,145
New Needs - Prelim Fiscal 2020						
311 Re-Architecture Project	\$ 2,176	-	\$2,176	-	-	-
CECM Staffing	104	-	104	250	-	250
Citywide Telecommunications Consultant	220	-	220	220	-	220
MODA Staffing	140	-	140	293	-	293
Software Asset Management	235	-	235	890	-	890
Subtotal New Needs	\$ 2,875	\$ -	\$ 2,875	\$ 1,653	\$ -	\$ 1,653
Other Adjustments						
MOME - Incentive Fund Savings	(\$345)	-	(\$345)	(\$345)	-	(\$345)
Personal Services Savings	(1,500)	-	(1,500)	-	-	-
Other City Adjustments	(3,730)	-	(3,730)	(2,280)	-	(2,280)
State Adjustments	-	41,563	41,563	-	6,173	6,173
CDBG Adjustments	-	3,569	3,569	-	87	87
Other Federal Adjustments	-	3,305	3,305	-	-	-
Other Categorical Adjustments	-	10,553	10,553	-	(41)	(41)
Intra-City Adjustments	-	7,856	7,856	-	1,985	1,985
Subtotal Other Adjustments	(\$5,575)	\$66,846	\$61,271	(\$2,625)	\$8,204	\$5,579
Total All Changes	(\$2,700)	\$66,846	\$64,146	(\$972)	\$8,204	\$7,232
DoITT Budget as of the Fiscal 2020 Preliminary Plan	\$488,584	\$242,326	\$730,910	\$518,344	\$161,033	\$679,377
New Needs - Exec Fiscal 2020						
311 Cash Retention Bonus	\$265	-	\$265	-	-	-
311 Re-Architecture	-	-	-	4,600	-	4,600
CECM ITCS Resources	-	-	-	218	-	218
Civic Engagement Commission	-	-	-	2,415	-	2,415
Customer Relationship Management System	192	-	192	-	-	-
IFA Extensions	-	-	-	-	2,020	2,020
IFA Takedown	-	(526)	(526)	-	-	-
Intra-City Phone Adjustment	-	-	-	-	(100)	(100)
NetIQ True-Up	3,377	-	3,377	-	-	-
Telecom Shortfall	340	-	340	340	-	340
Subtotal New Needs	\$4,174	(\$526)	\$3,648	\$7,573	\$1,920	\$9,452
Other Adjustments						
Decommissioning and Maintenance	(\$2,138)	-	(\$2,138)	(\$83)	-	(\$83)
Hiring Freeze Savings	-	-	-	(5,051)	-	(5,051)
MOME - Incentive Fund Savings	(446)	-	(446)	(1,000)	-	(1,000)
PS Savings	(6,361)	-	(6,361)	(629)	-	(629)
Re-estimate of IT related Expenses	(5,042)	-	(5,042)	(4)	-	(4)
Other City Adjustments	300	-	300	810	-	810
IFA Adjustments	-	33	33	-	-	-
State Adjustments	-	-	-	-	-	-
CDBG Adjustments	-	(1,550)	(1,550)	-	-	-
Other Federal Adjustments	-	97	97	-	950	950
Other Categorical Adjustments	-	159	159	-	-	-
Intra-City Adjustments	-	18,441	18,441	-	192	192
Subtotal Other Adjustments	(\$13,687)	\$17,180	\$3,493	(\$5,957)	\$1,142	(\$4,815)
Total All Changes	(\$9,513)	\$16,654	\$7,141	\$1,576	\$3,062	\$4,637
DoITT Budget as of the Fiscal 2020 Executive Plan	\$479,071	\$258,977	\$738,048	\$519,917	\$164,094	\$684,011

Appendix 2: Fiscal 2020 Miscellaneous Revenue Streams

DoITT Miscellaneous Revenue - Fiscal 2020 Executive Budget						
DoITT Revenue Sources (Dollars in Thousands)	Actuals				Planned	
	2015	2016	2017	2018	2019	2020
Film Application Process Fees	\$1,020	\$1,111	\$1,047	\$1,042	\$1,020	\$1,020
Premier Fees	274	343	633	278	274	274
Cable Television Franchises	145,663	143,442	141,877	136,216	138,533	136,533
Mobile Telecom Franchises	4,222	5,728	9,496	12,566	15,000	3,840
WiFi Revenue	3,141	18,395	26,018	27,372	32,333	43,667
Film Permits for City Property	300	294	394	336	300	300
.NYC Revenue	1,238	854	600	758	750	750
Lease-Time TV	1,874	1,869	1,854	1,706	1,700	1,700
Procurement Spend Card Rebates	1,734	1,177	1,337	511	2,130	2,130
Total	\$159,466	\$173,213	\$183,256	\$180,785	\$192,040	\$190,214

Appendix 3: DoITT Contract Budget as of Fiscal 2020 Executive Budget

DoITT Fiscal 2020 Executive Contract Budget						
<i>Dollars in Thousands</i>						
Category	Fiscal 2019 Adopted	# of Contracts	Fiscal 2020 Prelim	# of Contracts	Fiscal 2020 Exec	# of Contracts
Contractual Services General	\$77,173	22	\$65,432	22	\$65,055	23
Telecommunications Maintenance	14,827	7	14,827	7	14,827	7
Maintenance & Repair General	20,296	7	20,296	7	20,296	7
Office Equipment Maintenance	434	2	434	2	434	2
Data Processing Equipment	127,587	69	131,749	69	135,767	69
Printing Contracts	107	2	107	2	107	2
Security Services	176	1	176	1	176	1
Temporary Services	1,129	2	1,139	2	1,139	2
Cleaning Services	17	2	17	2	17	2
Training Program for City Employees	1,930	3	730	3	731	3
Professional Services: Legal	96	1	102	1	102	1
Professional Services: Computer Services	10,912	2	1,064	1	2,411	1
Professional Services: Other	14,438	4	13,569	4	13,569	4
Total	\$269,122	124	\$249,642	123	\$254,631	124