

(FR0) DEPARTMENT OF FORENSIC SCIENCES

MISSION

The mission of the Department of Forensic Sciences (DFS) is to produce high-quality, timely, accurate, and reliable forensic science with the use of the best available technology and practices, unbiased science, and transparency with the overall goal of enhancing public health and safety.

SCOPE

DFS provides independent analysis of evidence and samples submitted by agencies within the District of Columbia and its federal neighbors. The Forensic Science Laboratory division analyzes evidence submitted from criminal charges, including DNA, fingerprints, firearms and digital technologies. DFS also provides expert witness testimony in defense of their analytical reports in the District's courts of law. The Public Health Laboratory division provides diagnostic and analytical testing for biological pathogens and chemical agents from clinical, environmental, or food sources and provides emergency response testing. The Crime Scene Sciences division collects, analyzes, processes, and preserves evidence found at crime scenes in the District. The DFS Directorate supports the work of the entire agency through strategic direction, training, quality assurance, research, recruitment and hiring of personnel, information technology, data management, fleet management, procurement, and other administrative support services.

CAPITAL PROGRAM OBJECTIVES

- Provide the infrastructure to retain data from high resolution cameras for crime scene photography, high resolution 3D Laser (LIDAR) Scanners for Crime Scene Mapping.
- Provide the infrastructure to facilitate a digital repository, called Mideo, to enhance the digital analysis of firearms and latent fingerprints.
- Provide the digital storage to utilize next generation sequencing equipment for DNA analysis and the analysis of public health samples.
- Support DNA mixture interpretation software, called STRMix, to accurately determine suspicious DNA on crime scene evidence.
- Invest in the digital infrastructure to market services provided by the Digital Evidence Unit to increase evidence intake.
- Maintain digital storage capacity for an operation that creates digital evidence at an average rate of 2-4 terabytes per day.

HIGHLIGHTS OF RECENT ACCOMPLISHMENTS

New software application investments:

Mideo – For digital workflow analysis in Fingerprints and Firearms as well as Digital Image Management.

STRMix – to accurately determine suspicious DNA on crime scene evidence.

MiSeq – Next Generation DNA Sequencing.

Leica 3D Imaging Solution – For constructing accurate 3D models of Crime Scenes.

Elements on this page of the Agency Summary include:

- **Funding Tables:** Past budget allotments show the allotment balance, calculated as allotments received to date less all obligations (the sum of expenditures, encumbrances, intra-District advances and pre-encumbrances). Agencies are allowed to encumber and pre-encumber funds up to the limit of a capital project’s budget authority, which might be higher than allotments received to date. For this reason, a negative balance on a project sheet does not necessarily indicate overspending or an anti-deficiency violation. A negative balance is permitted in this calculation of remaining allotment authority.
- **Additional Appropriations Data (\$000):** Provides a summary of the budget authority over the life of the project. The table can be read as follows:
 - › **Original 6-Year Budget Authority:** Represents the authority from the fiscal year in which budget was first appropriated through the next 5 years.
 - › **Budget Authority Through FY 2029 :** Represents the lifetime budget authority, including the 6-year budget authority for FY 2024 through FY 2029.
 - › **FY 2024 Budget Authority Revisions:** Represents the changes to the budget authority as a result of reprogramming, redirections and rescissions (also reflected in Appendix F) for the current fiscal year.
 - › **6-Year Budget Authority Through FY 2029 :** This is the total 6-year authority for FY 2024 through FY 2029 including changes from the current fiscal year.
 - › **Budget Authority Request Through FY 2030 :** Represents the 6-year budget authority for FY 2025 through FY 2030.
 - › **Increase (Decrease) :** This is the change in 6-year budget requested for FY 2025 - FY 2030 (change in budget authority is shown in Appendix A).
- **Estimated Operating Impact:** If a project has operating impacts that the agency has quantified, the effects are summarized in the respective year of impact.
- **FTE Data (Total budget in FTE Table might differ from actual budget due to rounding):** Provides the number for Full-Time Equivalent (FTE) employees approved as eligible to be charged to capital projects by, or on behalf of, the agency. Additionally, it provides the total budget for these employees (Personal Services), the non personnel portion of the budget in the agency’s capital plan, and the percentage of the agency CIP budget from either expense category.
- **Facility Location Map:** For those agencies with facilities projects, a map reflecting projects and their geographic location within the District of Columbia.

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	6 Yr Total
(03) Project Management	11,569	8,501	73	4,183	-1,187	500	1,000	1,000	1,000	1,000	1,000	5,500
(04) Construction	1,871	457	0	8	1,406	0	0	0	0	0	0	0
(05) Equipment	7,804	4,590	114	448	2,652	0	1,089	1,092	1,095	1,098	1,101	5,474
(06) IT Requirements Development/Systems Design	994	972	0	0	22	0	0	0	0	0	0	0
TOTALS	22,238	14,520	187	4,638	2,893	500	2,089	2,092	2,095	2,098	2,101	10,974

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	6 Yr Total
Long Term / G.O. / I.T. Bonds (3030300)	2,370	2,036	0	23	311	0	0	0	0	0	0	0
Pay As You Go (3030301)	218	218	0	0	0	0	0	0	0	0	0	0
Short - Term Bonds (3030304)	19,650	12,266	187	4,615	2,582	500	2,089	2,092	2,095	2,098	2,101	10,974
TOTALS	22,238	14,520	187	4,638	2,893	500	2,089	2,092	2,095	2,098	2,101	10,974

Additional Appropriation Data			Estimated Operating Impact Summary						
First Appropriation FY		2019	Expenditure (+) or Cost Reduction (-)						
Original 6-Year Budget Authority		9,687	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	6 Yr Total
Budget Authority Through FY 2029		32,157	No estimated operating impact						
FY 2024 Budget Authority Changes		0	Full Time Equivalent Data						
6-Year Budget Authority Through FY 2029		32,157	Object	FTE	FY 2025 Budget	% of Project			
Budget Authority Request Through FY 2030		33,212	Personnel Services	0.0	0	0.0			
Increase (Decrease)		1,055	Non Personnel Services	0.0	500	100.0			

FR0-100420-FR0.DIG19C.FORENSIC EVIDENCE DIGITAL STORAGE

Agency: DEPARTMENT OF FORENSIC SCIENCES (FR0)
Implementing Agency: DEPARTMENT OF FORENSIC SCIENCES (FR0)
Project No: 100420
Ward: 6
Location: 401 E STREET SW
Facility Name or Identifier: CONSOLIDATED FORENSIC LABORATORY
Status: In multiple phases
Useful Life of the Project: 7
Estimated Full Funding Cost: \$10,802,629

Description:

This project supports the expansion of the digital storage space available to the agency for the large volume of forensic evidence it collects. The project also supports efforts to ensure that new storage solutions are compatible with existing DFS systems and are meeting standards for data security.

Justification:

As new technologies have been recently introduced, such as next generation sequencing in forensic DNA analysis, Mideo for management and examination of images in latent fingerprint and firearms examination, and the continually improving resolution of images captured as evidence, such as at crime scenes, latent fingerprints etc., the amount of data captured grows exponentially. These developments in technology have led to the current trend growth in case related, forensic evidence data of 24 terabytes per day. This solution will address the storage needs generated from these systems.

Progress Assessment:

Related Projects:

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding						Proposed Funding					
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	6 Yr Total
(03) Project Management	5,303	3,642	73	3,147	-1,560	500	1,000	1,000	1,000	1,000	1,000	5,500
TOTALS	5,303	3,642	73	3,147	-1,560	500	1,000	1,000	1,000	1,000	1,000	5,500

Source	Funding By Source - Prior Funding						Proposed Funding					
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	6 Yr Total
Short - Term Bonds (3030304)	5,303	3,642	73	3,147	-1,560	500	1,000	1,000	1,000	1,000	1,000	5,500
TOTALS	5,303	3,642	73	3,147	-1,560	500	1,000	1,000	1,000	1,000	1,000	5,500

Additional Appropriation Data

First Appropriation FY	2019
Original 6-Year Budget Authority	803
Budget Authority Through FY 2029	9,803
FY 2024 Budget Authority Changes	0
6-Year Budget Authority Through FY 2029	9,803
Budget Authority Request Through FY 2030	10,803
Increase (Decrease)	1,000

Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	6 Yr Total
No estimated operating impact							

Milestone Data

	Projected	Actual
Environmental Approvals		
Design Start (FY)		
Design Complete (FY)		
Construction Start (FY)		
Construction Complete (FY)		
Closeout (FY)		

Full Time Equivalent Data

Object	FTE	FY 2025 Budget	% of Project
Personnel Services	0.0	0	0.0
Non Personnel Services	0.0	500	100.0

FR0-100421-FR0.FLE19C.CRIME SCENE SPECIALIZATION VEHICLES

Agency: DEPARTMENT OF FORENSIC SCIENCES (FR0)
Implementing Agency: DEPARTMENT OF FORENSIC SCIENCES (FR0)
Project No: 100421
Ward: 9
Location: DISTRICT-WIDE
Facility Name or Identifier: VEHICLES
Status: In multiple phases
Useful Life of the Project: 5
Estimated Full Funding Cost: \$1,013,622

Description:

This project supports the replacement of DFS fleet vehicles as they reach the end of their useful life. The vehicles are used primarily for crime scene response.

Justification:

Replacing vehicles as they reach the end of their useful life ensures a more reliable fleet that enables the agency to carry out its mission effectively and efficiently. For DFS, this means responding quickly and consistently to crime scenes 24 hours a day.

Progress Assessment:

Related Projects:

(Dollars in Thousands)

Funding By Phase - Prior Funding						Proposed Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	6 Yr Total
(05) Equipment	540	284	0	0	255	0	89	92	95	98	101	474
TOTALS	540	284	0	0	255	0	89	92	95	98	101	474

Funding By Source - Prior Funding						Proposed Funding						
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	6 Yr Total
Short - Term Bonds (3030304)	540	284	0	0	255	0	89	92	95	98	101	474
TOTALS	540	284	0	0	255	0	89	92	95	98	101	474

Additional Appropriation Data

First Appropriation FY	2019
Original 6-Year Budget Authority	375
Budget Authority Through FY 2029	963
FY 2024 Budget Authority Changes	0
6-Year Budget Authority Through FY 2029	963
Budget Authority Request Through FY 2030	1,014
Increase (Decrease)	51

Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	6 Yr Total
No estimated operating impact							

Milestone Data

	Projected	Actual
Environmental Approvals		
Design Start (FY)		
Design Complete (FY)		
Construction Start (FY)		
Construction Complete (FY)		
Closeout (FY)		

Full Time Equivalent Data

Object	FTE	FY 2025 Budget	% of Project
Personnel Services	0.0	0	0.0
Non Personnel Services	0.0	0	0.0

FR0-100423-FR0.HDW02C.LABORATORY & HOSPITAL EQUIPMENT - DFS

Agency: DEPARTMENT OF FORENSIC SCIENCES (FR0)
Implementing Agency: DEPARTMENT OF FORENSIC SCIENCES (FR0)
Project No: 100423
Ward: 6
Location: 401 E STREET SW
Facility Name or Identifier: CONSOLIDATED FORENSIC LABORATORY
Status: In multiple phases
Useful Life of the Project: 10
Estimated Full Funding Cost: \$11,053,765

Description:
 This project will fund the replacement and upgrade of equipment critical to the success of the agency.

Justification:
 This project is needed to fund the replacement of mission-critical instruments that have become outdated and that have been with the agency since its inception. DFS continues to ensure that infrastructure upgrades are carefully scheduled and coordinated by utilizing OCFO's CARSS. This system ensures that we are remaining at the top of industry standards and that our replacement purchasing is carefully scheduled and coordinated.

Progress Assessment:

Related Projects:

(Dollars in Thousands)

Funding By Phase - Prior Funding						Proposed Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	6 Yr Total
(05) Equipment	6,054	3,099	114	445	2,395	0	1,000	1,000	1,000	1,000	1,000	5,000
TOTALS	6,054	3,099	114	445	2,395	0	1,000	1,000	1,000	1,000	1,000	5,000

Funding By Source - Prior Funding						Proposed Funding						
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	6 Yr Total
Long Term / G.O. / I.T. Bonds (3030300)	220	206	0	3	11	0	0	0	0	0	0	0
Short - Term Bonds (3030304)	5,834	2,893	114	442	2,384	0	1,000	1,000	1,000	1,000	1,000	5,000
TOTALS	6,054	3,099	114	445	2,395	0	1,000	1,000	1,000	1,000	1,000	5,000

Additional Appropriation Data

First Appropriation FY	2019
Original 6-Year Budget Authority	8,509
Budget Authority Through FY 2029	11,050
FY 2024 Budget Authority Changes	0
6-Year Budget Authority Through FY 2029	11,050
Budget Authority Request Through FY 2030	11,054
Increase (Decrease)	4

Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	6 Yr Total
No estimated operating impact							

Milestone Data

	Projected	Actual
Environmental Approvals		
Design Start (FY)		
Design Complete (FY)		
Construction Start (FY)		
Construction Complete (FY)		
Closeout (FY)		

Full Time Equivalent Data

Object	FTE	FY 2025 Budget	% of Project
Personnel Services	0.0	0	0.0
Non Personnel Services	0.0	0	0.0

This page is intentionally left blank.