An official website of the United States government
Here's how you know

ITDASHB**O**ARD.gov

‹ **Back to Investment Detail**

Business Case

Table of Contents

Section A: Investment Summary Information

Investment Name

CBP - Integrated Fixed Towers

Unique Investment Identifier

024-000005217

Investment Description

Integrated Fixed Towers (IFT) is a system that provides automated, persistent wide area surveillance for the detection, tracking, identification, and classification of illegal entries. The purpose of Integrated Fixed Towers (IFT) Program is to provide automated and persistent wide-area surveillance to detect, track, identify and classify illegal entries through a series of integrated sensors and a common operating picture (COP). IFT Program addresses United States Border Patrol' Strategic Goal 2.1: "Secure U.S. Air, Land, and Sea Borders and Approaches." The IFT Investment assists in the prevention of illegal entry of people, weapons, and contraband while at the same time not negatively impacting the safe and lawful flow of commerce and travel. This investment supports the Border Security Operations program.

Agency

Department of Homeland Security

Point of Contact

Eric Hysen - CIO

email   Not Provided

Investment Type

Major IT Investments

Bureau

U.S. Customs and Border Protection

Mission Support

Not Applicable

Shared Service Category

Not Applicable

Shared Service Identifier

Not Applicable

Date Investment First Submitted

Date of Last Investment Detail Update

09/28/2021   **05/06/2022**

Section B: Investment Detail

1. Briefly describe the investment's return on investment, including benefits internal and external to the government and outcomes achieved or planned.

   Compared to the baseline operating costs from which the ROI was calculated (1 border patrol agent, per one mile of border in AZ, 24/7), the operating costs for IFT system are estimated to be considerably lower ($358.3M vs. $2,104.1M). ROI was calculated by (Operating Costs without IFT - Operating Costs with IFT) divided by the Capital Investment costs, providing the same level of surveillance. Ergo, the key benefit is that for a lower overall operating cost, the IFT system will provide the Border Patrol with a persistent surveillance capability, which will enable them to detect, identify, and track IoIs, thus enabling them to monitor an Area of Interest more efficiently and effectively. Qualitative benefits include: it facilitates mission accomplishment; it allows agents to be realigned since it acts as a force multiplier; agents will be safer since fewer will be needed in the field for surveillance; it will be used only in areas in which it performs well; and it provides improved data (e.g., recorded video) for successful law enforcement accomplishment versus the baseline. The ROI was updated and validated in Oct. 11, 2016 to account for recent program changes.

Section C: Investment and Contracts

Contracts

- **HSBP1014C00004**

Section D: Historic CIO Rating

CIO Rating	Date	Comments
3	May 06, 2022	IFT was rated yellow on the FISMA scorecard. ADM consolidated and retired the IFT Program into the IST Program. Existing and new surveillance tower configurations will be integrated into a new COP. The program will continue to work closely with DHS to refine acquisition strategy, especially the operating concept and test and evaluation approach, to support a successful outcome. IFT SELC documentation is being redone as IST SELC documentation.
3	Jan 21, 2022	The Integrated Fixed Towers system is rated yellow in hardware managed assets and software managed assets on the FISMA scorecard. The program awaits official acknowledgement of FOC from DHS headquarters, at which time the IFT program should be removed from the DHS Major Acquisitions Oversight List. To streamline operations and reduce cost, CBP is consolidating several surveillance programs under the IST portfolio.
4	Nov 30, 2021	Sep'21 the CBP Chief Acquisition Executive sent a formal IFT FOC notification to DHS headquarters on August, and the program is currently awaiting acknowledgement of FOC from DHS headquarters. When DHS acknowledges IFT FOC, the IFT program will be removed from the DHS Major Acquisitions Oversight List. On August, the CBP CIO signed a Security Authorization Decision for the Integrated Fixed Towers system, which extended the IFT system Authority to Operate for three years.
4	Aug 12, 2021	Jun'21 successfully deployed surveillance towers and IFT command and control centers (C2CENs) across Areas of Responsibility (AoRs), the program achieved Full Operating Capability (FOC) as defined in the Acquisition Program Baseline (APB) and Operational Requirements Document (ORD) in Apr'21. To streamline operations and reduce cost, CBP intends to consolidate several surveillance programs under the IST portfolio, which will become a program via the consolidation.

Data Last Updated On: 05/06/2022

Section E: Investment Spending

Table 1: Distribution by Spending Type

Spending Type	PY 2021	CY 2022	BY 2023
DME Costs	0	0	0
O&M Costs	14.238	15.836	0
Total	14.238	15.836	0

Table 2: Distribution by Cost Pools

Cost Pools	PY 2021	CY 2022	BY 2023
Internal Labor	1.34	1.351	0
External Labor	6.6	6.88	0
Outside Services	6.298	7.605	0
Hardware	0	0	0
Software	0	0	0
Facilities & Power	0	0	0
Telecom	0	0	0
Other	0	0	0
Internal Services	0	0	0
Totals	14.238	15.836	0

Cost in millions (M)

Table 3: Distribution by IT Towers

IT Tower	PY 2021	CY 2022	BY 2023
Security & Compliance	2.404	2.681	0
IT Management	1	1	0
Network	0	0	0
Data	0	0	0
Compute	0	0	0
Storage	0	0	0
End User	0	0	0
Output	0	0	0
Application	0	0	0
Delivery	10.834	12.155	0
Platform	0	0	0
Data Center	0	0	0
Totals	14.238	15.836	0

Cost in millions (M)

Data Last Updated On: 05/06/2022

Section F: Project and Activities Detail

Table 1: Project Details

Project Name	Project UID	Status	Project Life Cycle Cost ($M)	Cost Variance (%)	Start Date	End Date	Schedule Variance (%)	Schedule Variance (Days)
FY22 O&S	14	In Progress	6.71	0	2021-10-25	2022-09-30	0	0
FY23 O&S	15	Future	2.97	0	2022-09-30	2022-12-30	0	0
IFT-O&S Sustainment	12	Complete	2.94	0	2021-04-30	2021-10-25	0	0

Low   Medium   High

Table 2: Activity Details

Unique Project ID	Activity Name	Activity Description	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Cost ($M)	Projected Total Cost ($M)	Actual Total Cost ($M)
14	FAA Contractor Logistics Support (CLS)	O & S maintenance and support	2021-10-25	2021-10-25	2021-10-25	2022-04-25	2022-04-25	2022-04-25	3.66	3.658	3.66
14	FAA CLS	O & S maintenance and support	2022-04-25	2022-04-25	2022-04-25	2022-09-30	2022-09-30		3.05	3.048	0
15	FAA CLS	O & S maintenance and support	2022-09-30	2022-09-30		2022-12-30	2022-12-30		2.97	2.974	0
12	IFT Contractor Logistics Support (CLS)	O&M Support	2021-04-30	2021-04-30	2021-04-30	2021-10-25	2021-10-25	2021-10-25	2.94	2.938	2.94

Table 3: Project Related Details

FY22 O&S

1. Are information technology investments adequately implementing incremental development methodology? (Y/N)

Yes

2. What is the frequency of incremental development iterations? (ex. 1 month, 3 months, 6 months, 12 months or greater)

Months

3. Please describe the iterative development methodology being employed. (500 characters or less)

project will report activities in six (6) month increments.

FY23 O&S

1. Are information technology investments adequately implementing incremental development methodology? (Y/N)

2. What is the frequency of incremental development iterations? (ex. 1 month, 3 months, 6 months, 12 months or greater)

3. Please describe the iterative development methodology being employed. (500 characters or less)

cbp intends to consolidate several surveillance programs under the ist portfolio to streamline operations and reduce cost. ist will become a program of record via the consolidation.

IFT- O&S Sustainment

1. Are information technology investments adequately implementing incremental development methodology? (Y/N)

Yes

2. What is the frequency of incremental development iterations? (ex. 1 month, 3 months, 6 months, 12 months or greater)

Months

3. Please describe the iterative development methodology being employed. (500 characters or less)

operations and sustainment activities for 6-month period of performance.

Return to top

About   **Feedback**

Frequently Asked Questions

Accessibility   **Privacy Policy**

Freedom of Information Act

GSA General Services Administration   Office of Management and Budget