

Business Case: Capital Asset Summary

Part I: Summary Information and Justification (All Capital Assets)

Section A: Overview & General Information

Date Investment First Submitted: 2016-11-17
Date of Last Change to Activities: 2021-02-26
Investment Auto Submission Date:
Date of Last Investment Detail Update: 2021-04-28
Date of Last Business Case Update: 2021-04-28
Date of Last Revision: 2021-08-26

Agency: 005 - Department of Agriculture **Bureau:** 68 - Foreign Agricultural Service

1. Name of this Investment: TFAA-FAS-IMART

2. Unique Investment Identifier (UII): 005-000003220

Section B: Investment Detail

- Provide at least one Agency Strategic objective code ([A-11 Section 230](#)) and/or Agency Priority Goal code ([A-11 Section 250](#)) that this investment aligns to on performance.gov. If this investment aligns to more than one Agency strategic objective code and/or Agency Priority goal code list all that apply. If your agency does not report to performance.gov please use "0". This is required for Agency IT Portfolio Summary Part 1 and Part 2 Investments, not for Part 3 Investments.**

Agency Strategic Objective(s):

005SO18001: Modernize information technology infrastructure, facilities and support services to improve the customer experience.

005SO18004: Improve stewardship of resources and utilize data-driven analyses to maximize the return on investment.

005SO18006: Increase agricultural opportunities and support economic growth by creating new markets and supporting a competitive agricultural system.

Agency Priority Goal(s):

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

The Cost Benefit Analysis (CBA) describes the ratio of benefit to cost at 3.54 for the selected Option 1 over a six year period using Net Present Value calculations based upon the Public Sector Discount rate of 7% and multi-criteria analysis ranking of intangible costs and benefits. Past contract costs were used to estimate hourly rates for contractor personnel; current system costs were used to price similar alternatives; and analyst judgment used best judgment and experience to estimate future costs. Actual FY17 operating and maintenance costs are within range of the expected future cost in the CBA. Payback on the investment is expected within 3.02 years. ROI: the sum of

benefits will exceed the sum of costs in 3 years. Benefits: increased efficiency and accuracy of decision makers with real time access to data from multiple domains including personnel of various types deployed globally, the various physical assets by location, the financial activities by date, time, and type, and the accounting structure and reconciliation on demand; decreased costs of maintaining multiple legacy applications of varying compliance to modern system standards, to modern communication standards of devices, and to Department security and accessibility standards; improved and increased integration with Department requirements of Confidentiality, Integrity, and Availability; immediate increase in Governance based on access, authorization, and scope level monitoring and control of user activity across HR, Accounting, and Financial domains.

3. If this investment will result in the elimination or the reduction of another major or non-major investment(s), please complete the following:

Table I.B.1 Affected Investment Information	
Investment UII	To Be Status
005-000001739	to be reduced

4. Does the Investment currently include an intra- or inter-Agency shared service (common, shared, or centralized solution)?:

YES

5. Does the Investment plan to include an Intra- or Inter-Agency shared service that it does not currently include (common, shared, or centralized solution)?:

NO

6. If systems contained in this Investment collect data from the public, please identify the OMB Control Numbers which authorize that data collection as per the Paperwork Reduction Act. Use [Reginfo](#) at the following link to identify information collection requests and OMB control numbers. Agencies can work with their Records Officers to determine the applicability.

7. Provide the name of the Investment-level project manager:

David Nulph

8. Select the qualification/experience level of the Investment-level project manager (select one):

1 - FAC-P/PM(DAWIA-3)- Senior

Section C: Life Cycle Costs

1. Provide the total estimated life cycle costs for the investment in millions. Note: Do not enter information in the grey cells as these will be calculated.

Table I.C.1 Life Cycle Costs				
	PY-1 & Prior	PY 2021	CY 2022	BY 2023
Planning Costs:	0	0	0	0
DME (Excluding Planning) Costs:	\$7.277000	\$1.538000	\$1.769000	\$1.789000
DME (Including Planning) Govt. FTEs:	0	\$0.090000	\$0.180000	\$0.180000
Sub-Total DME (including Internal Labor (Govt. FTE)):	\$7.277000	\$1.628000	\$1.949000	\$1.969000
O & M Costs:	\$2.621000	\$1.539000	\$1.630000	\$1.630000
O & M Internal Labor (Govt. FTE):	\$0.030000	\$0.030000	\$0.060000	\$0.600000
Sub-Total O & M Costs (Including Internal Labor (Govt. FTE)):	\$2.651000	\$1.569000	\$1.690000	\$2.230000
Total Cost (Including Internal Labor (Govt. FTE)):	\$9.928000	\$3.197000	\$3.639000	\$4.199000
Total Cost Internal Labor (Govt. FTE) costs:	\$0.030000	\$0.120000	\$0.240000	\$0.780000
# of FTE rep by costs:	3	1	2	2
Total change from prior year final President's Budget (\$)		0	0	
Total change from prior year final President's Budget		189.66%	-51.72%	

Table I.C.1 Life Cycle Costs				
	PY-1 & Prior	PY 2021	CY 2022	BY 2023
(%)				

2.
 - a. In which year did or will this investment begin? (specify year - e.g., PY-1= 2019)
2016
 - b. In which year will this investment reach the end of its estimated useful life? (specify year - e.g., FY+5 = 2027)
2023
3. Compare the funding levels for PY and CY to the final FY 2022 President's Budget for those same years. Briefly explain any significant changes. When making comparisons, ensure that you compare same-year-to-same-year (e.g., the FY20 level for 2020 versus the FY21 level for 2020):
Changed to align with Agencies priorities

Business Case Detail: Performance Measurement Report

Section A1: General Information

1. **Name of this Investment:** TFAA-FAS-IMART
2. **Unique Investment Identifier (UII):** 005-000003220

Section C1: Projects Table

Projects Table C.1

Unique Project ID	Project Name	Project Goal	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)	Software Project?
177910	Global Operations Data Portal	add Global Operations Data Portal	09/30/2019	08/25/2021	\$1.1	Yes
182927	iMART FY20	Key functionality: Complete account-level reconciliation, new FY set up, HQ Fund Request, and security enhancements	09/30/2019	09/29/2020	\$1.4	Yes
191695	iMart Development	Key functionality delivered	09/30/2020	09/29/2021	\$2.0	Yes

Section C2: Project Activities

1. Provide all non-agile project activities for projects in Table C.1 that started in a previous FY (PY and earlier) and that have not been completed by the beginning of the CY, as well as activities that are scheduled to start in the current FY and BY.

Project Activity Table C.2.1

Unique Project ID	Activity Name	Activity Description	Structure ID	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Costs	Projected Total Costs	Actual Total Costs
177910	Global Operations Data Portal plan	Project plan	177910.	2019-09-30	2019-09-30		2020-08-11	2020-08-11		1.090000	1.090000	
182927	Complete account-level reconciliation, new FY set up, HQ Fund Request, and security enhancements	Functionality as defined in the approved release plan	182927.1	2019-09-30	2019-09-30	2019-09-30	2020-09-29	2020-09-29		1.386000	1.386000	
191695	Production Release 2.27	Functionality	191695.1	2020-09-30	2020-09-30	2020-09-30	2020-12-31	2020-12-31	2020-12-31	0.494000	0.494000	0.494000
191695	Production Release 2.28	Functionality	191695.2	2020-12-18	2020-12-18	2020-12-18	2021-03-26	2021-03-26		0.494000	0.494000	

Project Activity Table C.2.1

Unique Project ID	Activity Name	Activity Description	Structure ID	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Costs	Projected Total Costs	Actual Total Costs
191695	Production Release 2.29	Functionality	191695.3	2021-04-01	2021-04-01		2021-06-30	2021-06-30		0.494000	0.494000	
191695	Production Release 2.30	Functionality	191695.4	2021-07-01	2021-07-01		2021-09-29	2021-09-29		0.494000	0.494000	

Section D: Operational Data

1. Provide the date and results of the last Operational Analysis (for operational and mixed life cycle systems/Investments):

1. Date of Analysis:

2. Analysis Results:

3. Analysis Conclusion: continue as is

2. Report a minimum of 5 metrics using the following table to provide metrics and actual results for each individual metric:

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
29932	Number of new >\$100k+ DME projects with IT/KM IRB approval	Percentage	4 - Innovation	90.000000	90.000000	95.000000	Over target	Annual	005SO18001 : Modernize information technology infrastructure, facilities and support services to improve the customer experience.	No

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
					Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment	
NONE										
29931	Development, Enhancement, and Modernization efforts are within 10% of planned/approved funding amounts (excluding Department/Agency new initiatives and/or mandates/requirements out of ITD's control)	Percentage	3 - Financial Performance	90.000000	90.000000	90.000000	Over target	Monthly	005SO18001 : Modernize information technology infrastructure, facilities and support services to improve the customer experience.	No
					Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment	
					29931	282178	70.000000	02/26/2021		
					29931	278956	48.000000	01/31/2021		
					29931	277124	42.000000	12/31/2020		
					29931	277123	90.000000	11/30/2020		
29930	Percentage of releases that have a supporting requirements document signed by the Customer (UAT form signed by Customer)	Percentage	2 - Strategic and Business Results	100.000000	100.000000	100.000000	Over target	Annual	005SO18001 : Modernize information technology infrastructure, facilities and support services to improve the	No

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
-----------	--------------------	-----------------	--	----------------------------	-------------	-------------	-----------------------	---------------------	---	--------------------

customer experience.

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
-----------	------------------	---------------	-----------------------	---------

NONE

29929	Percentage of overall Veracode (or other security software) Security Quality Score for releases	Percentage	2 - Strategic and Business Results	60.000000	60.000000	60.000000	Over target	Monthly	005SO18001 : Modernize information technology infrastructure, facilities and support services to improve the customer experience.	No
-------	---	------------	------------------------------------	-----------	-----------	-----------	-------------	---------	---	----

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
-----------	------------------	---------------	-----------------------	---------

29929	282177	75.000000	02/26/2021	
-------	--------	-----------	------------	--

29929	278955	100.000000	01/31/2021	
-------	--------	------------	------------	--

29929	277122	100.000000	12/31/2020	
-------	--------	------------	------------	--

29929	277121	70.000000	11/30/2020	
-------	--------	-----------	------------	--

29928	Improve customer experience and operational efficiency through customer satisfaction surveys to the application/HVA Business Owner and other Key	Percentage	1 - Customer Satisfaction (Process Results)	70.000000	70.000000	70.000000	Over target	Annual	005SO18001 : Modernize information technology infrastructure, facilities and support services to improve the customer experience.	No
-------	--	------------	---	-----------	-----------	-----------	-------------	--------	---	----

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
-----------	--------------------	-----------------	--	----------------------------	-------------	-------------	-----------------------	---------------------	---	--------------------

Stakeholders

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
-----------	------------------	---------------	-----------------------	---------

NONE

26581	Number of transactions per year	count	2 - Strategic and Business Results		15000.000000	25000.000000	Over target	Annual		Yes
-------	---------------------------------	-------	------------------------------------	--	--------------	--------------	-------------	--------	--	-----

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
-----------	------------------	---------------	-----------------------	---------

NONE

25598	Number of dollars saved (cost saved) as a result of integrated applications	cost	3 - Financial Performance	0.000000	500000.000000		Over target	Annual	005SO18004 : Improve stewardship of resources and utilize data-driven analyses to maximize the return on investment.	No
-------	---	------	---------------------------	----------	---------------	--	-------------	--------	--	----

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
-----------	------------------	---------------	-----------------------	---------

25598	212030	500000.000000	09/30/2017	
-------	--------	---------------	------------	--

25597	Percent reduction in security vulnerabilities reported in each scanned application	percent	2 - Strategic and Business Results	0.000000	3.000000		Over target	Monthly	005SO18004 : Improve stewardship of resources and utilize data-driven analyses to maximize the return on investment.	No
-------	--	---------	------------------------------------	----------	----------	--	-------------	---------	--	----

Metric ID	Actual Result ID	Actual Result	Date of Actual	Comment
-----------	------------------	---------------	----------------	---------

Metrics Definitions and Actual Results Table D.2 / D.3										
Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
								Result		
					25597	235544	7.000000	09/29/2018		
					25597	228942	3.000000	04/30/2018		
					25597	228941	4.000000	05/31/2018		
					25597	228940	4.000000	06/30/2018		
					25597	228939	4.000000	07/31/2018		
					25597	228938	6.000000	08/31/2018		
					25597	221229	3.000000	03/31/2018		
					25597	219292	3.000000	02/28/2018		
					25597	219291	0.000000	01/31/2018		
					25597	219290	1.000000	12/31/2017		
					25597	209874	34.000000	09/30/2017		
					25597	209873	34.000000	08/31/2017		
					25597	208206	22.000000	07/31/2017		
					25597	208205	24.000000	06/30/2017		
					25597	208204	15.000000	05/31/2017		
					25597	208203	22.000000	04/30/2017		

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
25597					25597	186913	37.000000	03/31/2017		
					25597	186912	37.000000	02/28/2017		
					25597	183491	37.000000	01/31/2017		
					25597	183490	-9.000000	12/30/2016		
					25597	183489	-1.000000	11/30/2016		
					25597	178045	1.000000	10/31/2016		
25596	Number of legacy applications integrated into iMART (FSO Bid, FSO Appraisal	count	2 - Strategic and Business Results	0.000000	1.000000		Over target	Annual	005SO18004 : Improve stewardship of resources and utilize data-driven analyses to maximize the return on investment.	No
					Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment	
					25596	212029	3.000000	09/30/2017		
25595	Satisfactory or above rating on annual customer satisfaction survey	count	1 - Customer Satisfaction (Process Results)	3.000000	3.000000		Over target	Annual	005SO18004 : Improve stewardship of resources and utilize data-driven analyses to maximize the return on investment.	No
					Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment	

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
-----------	--------------------	-----------------	--	----------------------------	-------------	-------------	-----------------------	---------------------	---	--------------------

25595 212028 4.000000 09/30/2017

25594 Percent of sprints that have a supporting requirements document signed by the customer percent 1 - Customer Satisfaction (Process Results) 100.000000 100.000000 Over target Annual 005SO18004 : Improve stewardship of resources and utilize data-driven analyses to maximize the return on investment. No

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
-----------	------------------	---------------	-----------------------	---------

25594 212027 100.000000 09/30/2017

25593	Number of key functionalities delivered	count	2 - Strategic and Business Results	0.000000	2.000000	10.000000	Over target	Monthly	005SO18001 : Modernize information technology infrastructure, facilities and support services to improve the customer experience.	No
-------	---	-------	------------------------------------	----------	----------	-----------	-------------	---------	---	----

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
-----------	------------------	---------------	-----------------------	---------

25593 278954 1.000000 01/31/2021

25593 277120 0.000000 12/31/2020

25593 277119 10.000000 11/30/2020

25593 269524 1.000000 08/31/2019

25593 212026 6.000000 09/30/2017

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
					25593	208202	3.000000	09/30/2016	moved from ADSS	