

Agency IT Strategic Plan (Form) / **411 DOF FY14-16 ITSP** (Item)

2015)

Form Report, printed by: Truman, Cheryl, **Jul 16, 2015****IT SUMMARY****General Information**

Item Name:	411 DOF FY14-16 ITSP	<i>Choose the CTP-prepared Agency ITSP item for the appropriate biennium</i>
Home Portfolio:	411 DOF IT Strategic Plans	<i>Choose your Agency Portfolio for ITSP</i>
ITSP Biennium:	FY14-16	
Proponent Secretary:	193 Secretary of Agriculture & Forestry	
Proponent Agency:	411 Department of Forestry	
Submitted by:	Administrator, System	
Agency has BRTs or Investments:	Yes	
Has CETR been updated?	Yes	
Date Submitted:		
For additional CETR information, secure link address or CETR access request go to the following VITA website:		
http://www.vita.virginia.gov/oversight/default.aspx?id=349		

About the IT Summary

The purpose of the agency IT Strategic Plan is to establish an agency-wide vision and priorities for agency investments in IT and IT operations so that they promote the achievement of agency's mission and business outcomes. The IT Plan Summary describes how agency IT strategies, goals, and objectives align with the mission, vision, values, and daily operations identified in the Agency Strategic Plan. This IT Plan Summary identifies the implications outlined in the Agency Strategic Plan and integrates them into implementable objectives and directives.

Current Operational IT Investments

In this section, describe the high-level strategy the agency will use to manage existing operational IT investments over the next year to 6 years. This section should align with identified Business Requirements for Existing Technology (BRnTs). At minimum, please address the following questions in your description of your agency's strategy for managing existing operational IT investments:

Are there existing IT investments that will require additional funding over the next year to 6 years, such as license renewals, re-competition of current IT contracts, or system enhancements required by the Agency Strategic Plan?

If there are systems that will no longer support the agency's business needs, either through poor performance or excessive cost, how does IT leadership in the agency plan to address the issues?

If the agency does not have the staff or funding to meet increasing demand for IT services, how will IT leadership fulfill the requests?

Most of DOF's strategic planning is focused on keeping up with technology changes and external requirement through maintenance efforts. Existing IT investments that require additional funding over the next six years are:

- DOF County Office Technology Upgrades
- IFRIS Maintenance and Operations
- InFOREST Maintenance and Operations
- Maintenance and Re-compete of the Kinsail/Accela System (Reforestation of Timberlands, Accounts Receivable, Nursery Management and Online Store) and

- DOF Information Security Program

DOF does not have the staff or funding to fully meet all the demands for IT services. IT leadership along with agency business leaders and executives will prioritize the needs and allocate existing resources accordingly. DOF leadership will also look for innovative ways to fulfill technology requirements such as partnering with other agencies and higher education.

Factors Impacting the Current IT

In this section, the agency will describe the changes in their business environment that will require or mandate changes to the agency's current IT investments. These are requirements and mandates from external sources, such as other agencies or business partners, the agency's customer base, product and service providers, or new federal or state legislation or regulations. Each requirement or mandate from an external source must have a corresponding Business Requirement for New Technology (BRnT) or Business Requirement for Existing Technology (BRnT) entered into the CTP. The agency must identify the business value of the change, any important deadlines that must be met, and the consequences if the deadlines are not met. In your discussion, be sure to note whether the proposed enhancements are funded or not.

If the agency's existing current IT investments will not need enhancement due to requirements or mandates from external sources in the foreseeable future, the agency should enter the following text rather than leave the Factors Impacting the Current IT section blank.

â€¢ For each mandated change, summarize your agency's response from your Agency Strategic Plan, and is it the opinion of agency IT leadership that the IT portion of the response is adequately funded?

â€¢ Do the mandated changes effect IT in other Commonwealth agencies, or in other states? If so, how?

Changes to the DOF business environment, as well as changes required by partner agencies and end of life technology (software, phones, OS) affect the DOF IT environment. Kinsail/Accela procurement will be completed in early 2015, replacing the end-of-life Information Management System. Windows Server 2003 end-of-life (4/2015) is being handled by several efforts to move existing systems to a more modern OS including DOF Intranet, IFRIS Upgrade Project, DOF SQL Test data move and decommission, and the Kinsail/Accela procurement which will allow the IMS server decommission. End-of-life technology affects everyone. An external mandate is the IFRIS Reporting (SSRS) Transition from VITA Shared Service (12/2014), which DOF will begin paying for the server housing the once-shared SQL Server Reporting Services (SSRS) in December 2014. This mandate was not planned in the DOF FY2014 budget as it was announced in late July 2014, and affects several other agencies that now have to find additional resources to take over the VITA services. DOF has several internal business changes that require changes to the IFRIS system including to the Fire Program module, DOF Water quality module, development of Land Conservation Easement Monitoring and Forest Certification reporting, enhancements for Fixed Assets and Fleet Management, and Harvest Notification Web Portal. In addition to IFRIS changes, DOF must upgrade the Incident Qualification System (IQS) and desktop GIS software as new versions are released, as well as supporting the Partnership in upgrades to the operating systems and base software (MS Office, Outlook, Adobe Reader, SQL Server, Anti-Virus, Java, etc..) Over the next six years remediating end-of-life technology and meeting changing business mandates will continue to be the majority of DOF IT work through enhancement projects.

Proposed IT Solutions

In this section, describe the high-level strategy the agency will use to initiate new IT investments over the next year to 6 years in support of the agency strategic objectives documented in your Agency Strategic Plan. The agency does not need to consider specific technologies at this time, however, the strategy should identify how the IT implementation will provide business value to the organization. This section should align with identified Business Requirements for New Technology (BRnTs). At minimum, please address the following questions in your description of your agency's strategy for initiating new IT investments:

â€¢ What are the most important solutions, based on the priority assigned to the requirements by the business sponsors in your agency, and what is the approach to achieving these priority solutions?

â€¢ If any new IT initiatives will be started in the upcoming budget biennium, is it the opinion of agency IT leadership that it is adequately funded?

â€¢ Does the agency's current IT staff have the appropriate skill set needed to support future agency technologies? If not, what skill sets need to be acquired?

â€¢ If the agency will be engaged in multiple new IT initiatives, how will agency IT staff and agency subject matter experts be used across the initiatives?

DOF will employ an investment evaluation and approval process to initiate new IT investments over the next 6 years that includes cost benefit and Return on Investment. Planned IT investments over the next six years include

- IFRIS Technology Upgrade project (underway),
- procuring a Forest Protection Dispatch service (underway)
- Enhancement of IFRIS Reporting to integrate new SQL Server Reporting Services functionality
- Implementation of VITA's Workplace Collaboration Service (SharePoint) for DOF
- in-house development of a Grants Management database to replace a manual/spreadsheet system,
- incremental upgrades to the infrastructure of DOF county offices as funding becomes available,
- development or integration of an Environmental Review and Easement Monitoring tracking system for Forest Conservation, and
- replacement of end-of-life fuel management system.

In this biennium, the Forest Protection Dispatch service will be implemented and maintained using grant funds. Integration of the dispatch data with IFRIS will be a future project. Also in the biennium, the Grants Management database will be developed, and DOF is piloting the storage of GIS data in the Cloud to evaluate the technology.

As technology marches forward, DOF IT staff will continue to acquire the necessary skills and knowledge through training and practice. Training is one area that is well established and adequately funded at DOF. DOF will not acquire expert programming skills due to lack of staff. Historically DOF relies on external resources for programming skill.

DOF subject matter experts are used as part of the project teams to help to ensure the success of the investments by participating in goal setting, requirements, stakeholder support and testing.

Report Title: Strategic Plan

Agency: Department of Forestry

Date: 7/16/2015

Current IT Services

Category	Costs Year 1		Costs Year 2	
	GF	NGF	GF	NGF
Projected Service Fees	\$972,389	\$152,111	\$996,698	\$155,914
VITA Infrastructure Changes	\$-29,600	\$0	\$-22,500	\$0
Estimated VITA Infrastructure	\$942,789	\$152,111	\$974,198	\$155,914
Specialized Infrastructure	\$0	\$0	\$0	\$0
Agency IT Staff	\$778,531	\$0	\$741,813	\$0
Non-agency IT Staff	\$0	\$0	\$0	\$0
Cloud Computing Service	\$0	\$0	\$0	\$0
Other Application Costs	\$169,708	\$24,053	\$204,708	\$47,803
Total	\$1,891,028	\$176,164	\$1,920,719	\$203,717

Proposed IT Investments

Category	Costs Year 1		Costs Year 2	
	GF	NGF	GF	NGF
Major IT Projects	\$0	\$0	\$0	\$0
Non-Major IT Projects	\$233,000	\$0	\$305,776	\$0
Agency-Level IT Projects	\$0	\$0	\$0	\$200,000
Major Stand Alone IT Procurements	\$0	\$0	\$0	\$0
Non-Major Stand Alone IT Procurements	\$0	\$0	\$0	\$0
Agency-Level Stand Alone IT Procurements	\$25,000	\$95,000	\$0	\$0
Total	\$258,000	\$95,000	\$305,776	\$200,000

Projected Total IT Budget

Category	Costs Year 1		Costs Year 2		Total Costs
	GF	NGF	GF	NGF	
Current IT Services	\$1,891,028	\$176,164	\$1,920,719	\$203,717	\$4,191,628

Proposed IT Investments	\$258,000	\$95,000	\$305,776	\$200,000	\$858,776
Total	\$2,149,028	\$271,164	\$2,226,495	\$403,717	\$5,050,404

Report Title: Business Requirements For Technology

Agency: Department of Forestry (DOF)

Date: 7/16/2015

Barriers to Certification Pilot Program

BRT Type: Business Requirement for New Technology

Date Submitted: 7/14/2014

Mandate: No

Mission Critical: No

Description:

This project/service is to have the Supplier provide a detailed analysis and documentation of the requirements for certification and easement tracking, a data gap analysis, and provide options for modernizing the tracking of these elements

BReT - DOF IFRIS Harvest Notification Portal Technology Upgrade

BRT Type: Business Requirement for Existing Technology

Date Submitted: 9/30/2014

Mandate: No

Mission Critical: No

Description:

The DOF Harvest Notification Portal is used by loggers to notify DOF of harvest operations in accordance with the Code of Virginia.

The existing portal was developed for use in Internet Explorer 7 and now is not functioning properly in newer browsers used by the logging community. DOF needs to update the Portal to work in IE10, at a minimum. Other browsers such as Chrome and Firefox may also be considered, depending on funding and time available.

BReT DOF - IFRIS Technology Upgrade Project - Phase 2

BRT Type: Business Requirement for Existing Technology

Date Submitted: 8/1/2014

Mandate: Yes

Mission Critical: Yes

Description:

IFRIS has been in production since 2006, and the system now encompasses many of the core business functions performed by DOF staff including Forest Management, Water Quality Inspection and Enforcement, Wildfire Reporting and Forest Health Observation data collection.

IFRIS technology is reaching the end of its useful life, and newer technologies hold the

promise of more efficiency, functionality, reliability and security for DOF's mobile workforce. In a recent information security audit, the IFRIS system was found to have security issues that can only be alleviated through a base change in technology - specifically end of life software.

This project will replace several smaller projects that have been proposed by DOF to update different parts of the IFRIS system, and incorporate a new technology paradigm that will help DOF move into the future.

projects to be archived are:

- IFRIS APT Accomplishment Redesign
- IFRIS Forest Management Mapping Upgrade
- FPMS Minor Fixes
- Forest Management Incentive Program

BReT IFRIS - VITA Shared SQL Server Reporting Services Transition to Agency

BRT Type:	Business Requirement for Existing Technology
Date Submitted:	8/28/2014
Mandate:	No
Mission Critical:	Yes

Description:
 VITA will be discontinuing shared SQL Server Reporting Services (SSRS) December 1, 2014. DOF must develop a solution to support the 80+ SSRS reports in the IFRIS system, or take over the existing server and begin to pay monthly maintenance to the Partnership. VITA has not provided a final cost, but it is estimated between \$600 and \$700 per month, or \$7,200 to \$8,400 annually. DOF does not have this in the IT budget.

BReT: DOF: Fire Program Enhancements

BRT Type:	Business Requirement for Existing Technology
Date Submitted:	11/3/2014
Mandate:	No
Mission Critical:	No

Description:
 Enhance current IFRIS functionality for efficient and effective tracking and reporting for fire programs

BReT: DOF : Water Quality Enhancements

BRT Type:	Business Requirement for Existing Technology
Date Submitted:	11/3/2014
Mandate:	No
Mission Critical:	No

Description:	
Implement enhancements to current IFRIS system to facilitate needs of water quality inspections	
BReT: DOF IFRIS Fixed Assets and Fleet Management	
BRT Type:	Business Requirement for Existing Technology
Date Submitted:	11/3/2014
Mandate:	No
Mission Critical:	No
Description:	
Enhancements to the current IFRIS system to improve tracking and reporting for agency fixed assets and vehicle maintenance	
BRnT DOF - Grants Management Access Database	
BRT Type:	Business Requirement for New Technology
Date Submitted:	8/4/2014
Mandate:	No
Mission Critical:	No
Description:	
The purpose of the internal project is to create a database to store necessary grant information. Currently this information is tracked manually in many different large spreadsheets. The information is extracted (manually) from CARS data and entered on specific Federal and State forms for reimbursement. This process is very cumbersome, time consuming, and lacks controls over errors. The new process will be facilitated through Access and will store all required data elements accordingly.	
BRnT DOF County Office Technology Upgrade	
BRT Type:	Business Requirement for New Technology
Date Submitted:	8/14/2014
Mandate:	Yes
Mission Critical:	No
Description:	
DOF and the ITP have provided for infrastructure needs at DOF Headquarters and our three (3) Regional offices. However since the ITP's inception DOF's 40 smaller county offices, with 1-5 people assigned were left behind largely in part and understandably due to the focus of the NG contract. Now some seven (7) years later the ITP only offers one costly, managed and indispensable high speed networking option for our county field locations.	

VITA was established in 2002 and within a year DOF funded and updated county office computer networks to meet new VITA IT Security requirements. In 2007 the VITA/NG partnership was announced and the now aging county office network equipment approved by VITA was deemed out-of-scope of the contract, leaving these offices without ITP support. These offices were not factored in to the Comprehensive Infrastructure Agreement (CIA) negotiations because they were too small and remote.

DOF's plan is to increase data speeds for DOF county offices through the local network providers, the local telephone companies. Simultaneously we will order ITP Enterprise Remote Connection Service (ERCS) that will result in the removal of all old equipment and replace it with new ITP owned and supported equipment. Weâ€™ also remove nine (9) year old black and white and, small home style color printers and replace them with ITP owned multi-function printers/scanners/faxes that can print high-quality documents and maps.

BRnT: DOF - Computerized Dispatch System

BRT Type:	Business Requirement for New Technology
Date Submitted:	8/28/2014
Mandate:	No
Mission Critical:	Yes

Description:
 The Virginia Department of Forestry (VDOF) depends upon reliable, timely information on personnel, equipment and resources during forest fire emergencies. Important information is conveyed by incident commanders and support staff throughout the state to a manual dispatching unit in each of three VDOF regional offices. Statewide information is then manually gathered at the agency headquarters. Computerized central dispatching can improve the dispatcherâ€™s ability to have current accurate information on resource deployment and availability; provide timely and accurate situation information, and improve the overall safety of agency first-response personnel.

Cloud Data Storage Plan - State Forests

BRT Type:	Business Requirement for New Technology
Date Submitted:	8/20/2014
Mandate:	No
Mission Critical:	Yes

Description:
 VDOF GIS program has a robust set of data sources. The storage prices continue to increase. Although we are working hard at removing obsolete data sets, we still have a need to store particular sets of information. May historical datasets, imagery, and raster sets are also currently stored on our WAP008822 VM server. This server is maintained by VITA at extremely high costs; this new approach will serve as an alternative less expensive solution for GIS data storage

CRP/CREP Federal Grant Reporting	
BRT Type:	Business Requirement for Existing Technology
Date Submitted:	8/26/2014
Mandate:	No
Mission Critical:	No
Description:	
<p>The CRP program states the participating proponents must have a mechanism to show what was accomplished on the ground (through management plans, reports, plan writers, etc) to justify the drawdown of the federal funds allocated for this project. Furthermore the time spent by the agency staff specific to these accomplishments must be included in this reporting. Currently VDOF cannot associate the actual time to the tract for the accomplishment.</p>	
DOF BRt - Accela Maintenance and Operations	
BRT Type:	Business Requirement for Existing Technology
Date Submitted:	10/14/2014
Mandate:	Yes
Mission Critical:	No
Description:	
<p>The Accela Software as a Service operates the DOF Online Store, Tree Seedling Nursery Inventory Management, Accounts Receivable and Cost Share accounting. The Online Store and Tree Seedling Nursery Inventory modules went live in January 2014. the Accounts Receivable and Cost Share Accounting modules go live December 1, 2014. Maintenance and operations contract is \$72,159.96 annually. it covers patching/security updates and break/fix issues as they occur.</p>	
DOF BRt - DOF intranet move to Windows Server 2012	
BRT Type:	Business Requirement for Existing Technology
Date Submitted:	9/1/2014
Mandate:	No
Mission Critical:	No
Description:	
<p>DOF is moving its intranet site to a new Windows Server 2012 virtual server at CESC from a Windows 2003 virtual server at CESC. This effort includes moving the code and testing for compatibility with the new operating system.</p> <p>the new virtual server has been acquired by the Partnership and DOF is process of moving intranet.</p>	
DOF BRt - Fuel Management System Procurement	

BRT Type:	Business Requirement for Existing Technology
Date Submitted:	10/6/2014
Mandate:	No
Mission Critical:	Yes

Description:

DOF's current Fuel Management System (Gas Boy) runs on Windows XP operating system, and the vendor is not upgrading the system to run on more modern operating systems. To meet the ORI for Windows XP, DOF must procure a new Fuel Management system (hardware and software) in order to effectively manage fuel for DOF vehicles at two DOF locations in Charlottesville.

DOF's fire fighting responsibilities and reimbursment are directly affected by the ability to manage vehicle fuel.

DOF BRt - IFRIS BMP Audit Mobile Application Upgrade

BRT Type:	Business Requirement for Existing Technology
Date Submitted:	9/8/2014
Mandate:	No
Mission Critical:	

Description:

DOF Water Quality staff across the Commonwealth use IFRIS to document inspections on timber harvests and to collect Best Management Practice (BMP) information on a random sample of harvests through BMP Audits module of IFRIS. This audit information is used to report BMP performance standards. The BMP Audits were done on mobile devices, but the existing IFRIS mobile units are end-of-life software and hardware and are being retired. This will affect the efficiency and quality of the audit data collection. DOF has grant funds to implement the existing audit program on a new mobile platform.

DOF BRt - IFRIS Maintenance and Operations Contracted Support

BRT Type:	Business Requirement for Existing Technology
Date Submitted:	9/1/2014
Mandate:	No
Mission Critical:	

Description:

Annual support contract for the maintenance and operations of IFRIS. IFRIS has been in production for many years and requires expert external technical resources to provide support with patching/security updates including operating system and base software (MS SQL Server, ESRI ArcGIS) patching and upgrades. The contract also includes break/fix issues not related to patching and upgrades.

DOF BRt - IFRIS Reporting Interface Enhancements**BRT Type:** Business Requirement for Existing Technology**Date Submitted:** 1/13/2015**Mandate:** No**Mission Critical:** No**Description:**

In order to implement enhanced reporting capabilities of SQL Server 2012, including exporting reports to Excel and Word, DOF must make some changes to the reporting web page in IFRIS to allow the user to select from the multiple output formats.

The Excel format can be exported now through LogiXML but DOF wants to simplify the IFRIS architecture by using the MS SSRS reporting only, rather than maintaining two software and two skill sets for reporting.

This enhancement work can be completed in the current production IFRIS, and be available for the IFRIS Upgrade when it deploys in 2016.

DOF BRt - IMS Data Disposition and Server Decommission**BRT Type:** Business Requirement for Existing Technology**Date Submitted:** 8/27/2014**Mandate:** No**Mission Critical:** No**Description:**

Move IMS Data to IFRIS, removing all social security numbers.

- Fire Reports
- BMP Audits
- Building and Land Assets

Archive Fiscal information

Dispose of current server which is running Windows Server 2003

DOF BRt - InFOREST Maintenance and Operations**BRT Type:** Business Requirement for Existing Technology**Date Submitted:** 9/1/2014**Mandate:** No**Mission Critical:****Description:**

Annual support for the maintenance and operations of InFOREST. InFOREST requires expert external technical resources to provide support with patching/security updates including operating system and base software (ESRI ArcGIS) patching and upgrades. The contract also includes break/fix issues not related to patching and upgrades.

This BReT is not funded.

DOF BReT - Information Security Program Development and Operations

BRT Type: Business Requirement for Existing Technology

Date Submitted: 9/8/2014

Mandate: Yes

Mission Critical: No

Description:

Information security affects all DOF business in the protection of agency information from unauthorized access, change or disclosure. Fully developing the DOF Information Security program and implementing the COV security requirements to support business needs has been difficult due to lack of resources. The DIS/ISO is working with senior management to identify the priority information security controls and tasks including vulnerability scans, risk assessments, business impact analysis and incident management. The Information Security Program has not been fully funded to meet all COV control requirements.

DOF BReT - IQS Web Upgrade to Version 3.1.2

BRT Type: Business Requirement for Existing Technology

Date Submitted: 8/20/2014

Mandate: No

Mission Critical: Yes

Description:

Configuration changes to address IE11 browser capatibility issues (746) and Google Chrome and Sarfari time-out errors (714)

DOF BReT Easements in IFRIS

BRT Type: Business Requirement for Existing Technology

Date Submitted: 6/30/2015

Mandate: No

Mission Critical: Yes

Description:

The project will be an enhancement to the current IFRIS system currently the system does not clearly delineate easements in IFRIS. This project will allow field staff to quickly and readily identify protected easements to avoid encroachments by adding easement layer to the base maps in IFRIS as well as provide summary easement information in IFRIS

DOF BRnT - Environmental Review Tracking and Reporting

BRT Type:	Business Requirement for New Technology
Date Submitted:	9/18/2014
Mandate:	No
Mission Critical:	No

Description:

As part of the Commonwealth's Environmental Review Process managed by DEQ, DOF's Forest Conservation Program staff of two review approximately 200 land disturbing projects each year, analyzing the projects for forest impacts and recommending changes to the project owners to help conserve important forestlands. Tracking of documents and files moving back and forth between DOF, DEQ and the project owner is handled through spreadsheets and other almost-manual methods. To increase efficiency and to ensure the continuity of the process, the Forest Conservation Program wants to create a small system to log, track and report on each of the environmental reviews, and to submit any projects that result in voluntary mitigation funding to IFRIS through the forest management processes.

DOF BRnT - Forest Conservation Implementation in IFRIS

BRT Type:	Business Requirement for New Technology
Date Submitted:	9/8/2014
Mandate:	Yes
Mission Critical:	No

Description:

The Land Conservation Division of DOF works with Virginia Landowners to put their property into permanent easement and to help their forests become "certified". The number of easements that are created and managed by DOF is growing each year, but the annual inspection of the easements is still manual and inefficient, using spreadsheets. Land Conservation would like to add a module to IFRIS to manage the easement information and annual inspections, similar to the Water Quality Inspection module. This would result in more efficient inspection process that would automatically upload the information in to the IFRIS database, providing field foresters more time to work with landowners on other projects. This additional information will also help DOF provide landowners services and reports that will help there forest become certified. A gap analysis has been funded and is underway. The implementation of the changes to IFRIS will be prioritized following the IFRIS Upgrade. The agency will fund this effort through Land Preservation Tax Credit Transfer Fee revenue.

DOF BRnT - GIS Data in the Cloud - Proof of concept

BRT Type:	Business Requirement for New Technology
Date Submitted:	9/9/2014
Mandate:	No
Mission Critical:	No

Description:

DOF will investigate and develop a proof of concept for the storage of large geospatial data sets (GIS) in the cloud. These data will need to be accessed by DOF workstations and applications for mapping and analysis purposes. DOF will load non-sensitive geospatial data to several cloud platforms to evaluate the best solution for the agency. This proof of concept also has potential for sharing data with other state agencies, without making copies.

DOF BRnT - Workplace Collaboration Service Implementation

BRT Type: Business Requirement for New Technology

Date Submitted: 1/13/2015

Mandate: No

Mission Critical: No

Description:

DOF will be working with VITA to implement the Workplace Collaboration Service (SharePoint) as a replacement for the current DOF intranet to include policies, procedures, guidance and forms. The use SharePoint will make these documents available to DOF employees through an internet connection with the appropriate credentials, and will help to disseminate these governance documents more easily.

Report Title: Appendix A 14 -
16 Report

Agency: Department of Forestry
(DOF) Date: 7/16/2015

Agency Head No

Approval:

There are no Category 1, 2, or 3 IT
Projects and no Budget Category: Major IT
Projects for this agency.

Budget Category: Non-Major Projects				
DOF - IFRIS Technology Upgrade Project -Phase II				
Oversight and Governance Category: Category 4: Low/Medium, Low/Low				
Appropriation Act/Funding Status			Project Initiation Approval -	
<p>IFRIS has been in production since 2006 and the system now encompasses most of the core business functions performed by DOF staff. This includes: forest management, water quality inspection and enforcement, wildfire reporting, forest health observation data collection, and urban forestry. The current IFRIS technology has reached the end of its useful life; the current mapping platforms are unstable and unsustainable. Furthermore, the current IFRIS system was found to have security issues that will only be eliminated through a base change. Phase 1 of this project was executed during FY14. For that initiative, the focus was to stand up the new environments (updated hardware, OS, database and GIS software), migrating the modules of IFRIS that will not be changed (Time & Leave, Assets, Fleet, HR, CIPPS) to prepare for the subsequent mapping interface upgrades and to scope out the requirements of IFRIS Phase II.</p> <p>Phase II will undertake the following the tasks:</p> <ul style="list-style-type: none"> - "remodel" of the IFRIS mapping functions including combining all mapping under one interface, and fix issues that existed in the previous IFRIS version due to the mapping technology limitations. This includes enhancing the GPS upload feature - migration and update of IFRIS reports to SSRS 2012. - removal of sensitive data (tax ID/SSN) and upgrade of access control and authorization functions. 				
Planned project start date:	11/4/2014	Planned project end date:	12/17/2015	
PPEA Involvement:				
Estimated Costs:	Total	General Fund	Nongeneral Fund	
Project Cost (estimate at completion):	\$542,776	\$446,777	\$0	
Estimated project expenditures first year of biennium:	\$233,000	\$233,000	\$0	
Estimated project expenditures second year of biennium:	\$309,776	\$309,776	\$0	

Funding Required:	Total	General	Nongeneral	
Funding required for first year of biennium:	\$223,388	\$223,388	\$0	
Funding required for second year of biennium	\$223,388	\$223,388	\$0	
Service Area			Weight	
411 DOF 50103 Forest Conservation, Wildfire & Watershed Services			Primary	
411 DOF 50102 Reforestation Incentives to Private Forest Land Owners			Secondary	
411 DOF 50104 Tree Restoration and Improvement, Nurseries & State-Owned Forest Lands			Secondary	
411 DOF 50105 Financial Assistance for Forest Land Management			Secondary	
Project Related Procurements				
DOF - IFRIS Technology Upgrade Procurement				
Procurement Description:	This procurement is to support the technology upgrade of the IFRIS system. DOF plans to procure through a competitive process the best solution for the agency, along with the technical expertise to implement the system.			
Planned Delivery Date:	6/30/2016			

Report Title: Appendix A 14 - 16 Report

Agency: Department of Forestry (DOF)

Date: 7/16/2015

Agency Head Approval:

No

There are no major procurements for this agency.

There are no
non-major
procurements
for this
agency.