

WILDLAND FIRE DECISION SUPPORT SYSTEM (WFDSS) – NEXT GENERATION



*Project Status
Update
January 2020*





PROJECT SCOPE

- The WFDSS Next Generation project will re-engineer and modernize the current WFDSS application and continue to provide a process that incorporates decision support for publishing wildfire incident decisions in a more efficient and user-centric manner.
- Where applicable, business logic and applicable existing code may be preserved from the current WFDSS application.
- WFDSS should support the goals and objectives of the federal fire policy and continue to support Public Law 116-9 (Dingell Act), Section 1114 - Wildfire Technology Modernization, to address subsection (e) (1), Wildland Decision Support, as appropriate.
- Major enhancements and new functionality are out of scope for this initial phase of the project.

PROJECT BUDGET

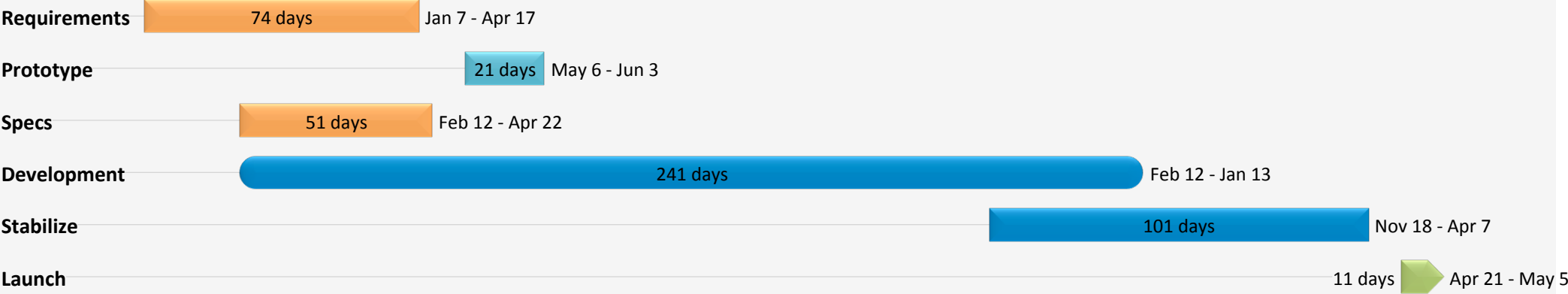


Tasks	Estimated Hours	Estimated Costs
Architecture and Planning	560	\$63,560
System Setup	300	\$39,040
GIS Migration	180	\$16,500
RDB Migration	400	\$43,280
UI Implementation	6200	\$657,120
System Interfaces	1980	\$201,740
Utilities	2160	\$220,080
Rollout and Documentation	1680	\$168,560
Section 508 Compliance Testing	480	\$40,800
Management and Administrative Activities	1350	\$156,150
Management Reserve	N/A	\$160,683
Total Estimated Costs	15,290	\$1,767,513

The project budget is the estimated hours and costs to take the WFDSS Next Gen application to production, operating within the defined scope of the project. The project budget is the estimated hours and costs to take the WFDSS Next Gen application to production, operating within the defined scope of the project.

**This budget does not include salaries or travel costs for government employees.*

PROJECT TIMELINE



PROJECT TEAM

Executive Sponsor: U.S Forest Service Director of Fire and Aviation (FAM) and Department of Interior Director of Office of Wildland Fire (OWF) - Provide funding for the project and facilitate interagency communications.

Owners: System Owners and Application Owners with Forest Service FAM and Department of Interior OWF - Provide direction regarding business strategy and overall project vision and provide guidance on high-level business requirements.

Business Lead: For the purpose of this project, we are delegating the responsibilities and tasks to the Product Owner position to align with the Agile Software Development method being used for this application.

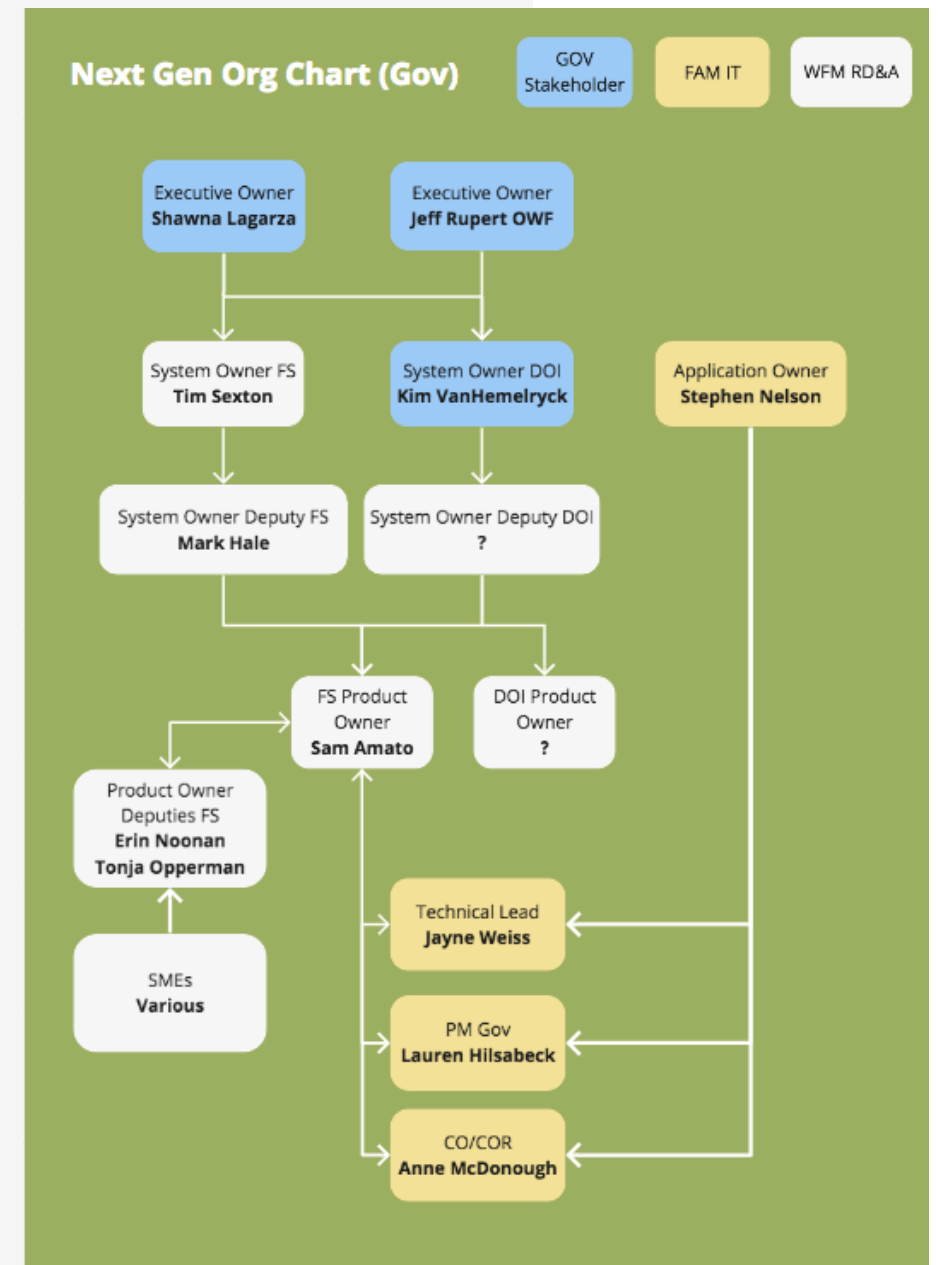
Product Owners: Responsible for providing daily oversight, guidance, priorities and direction of WFDSS next gen development, deployment, and operations and maintenance.

Project Manager: Forest Service Fire and Aviation Management (FAM) – responsible for all the daily success of the project; maintains clear communication with all members of the project team.

Subject Matter Experts: It will be necessary to involve subject matter experts in the requirements gathering, evaluation and testing of WFDSS application and provide additional users' perspective. At a minimum Subject Matter Experts will be required to represent their respective agencies in daily fire management activities, communicate relevant business and issues and provide input on specific areas of expertise within key incident business areas.

Development Team: USDA – OCIO Enterprise Architecture Service (EAS) - Provide key positions to support the application development of the WFDSS Next Gen project. Key positions include: Scrum master; Business Analyst; UX/UI Designer; Lead Developer; Architect; GIS Developer.

**More detailed information about each of these project team members can be located in the Project Charter.*



RISKS AND CHALLENGES

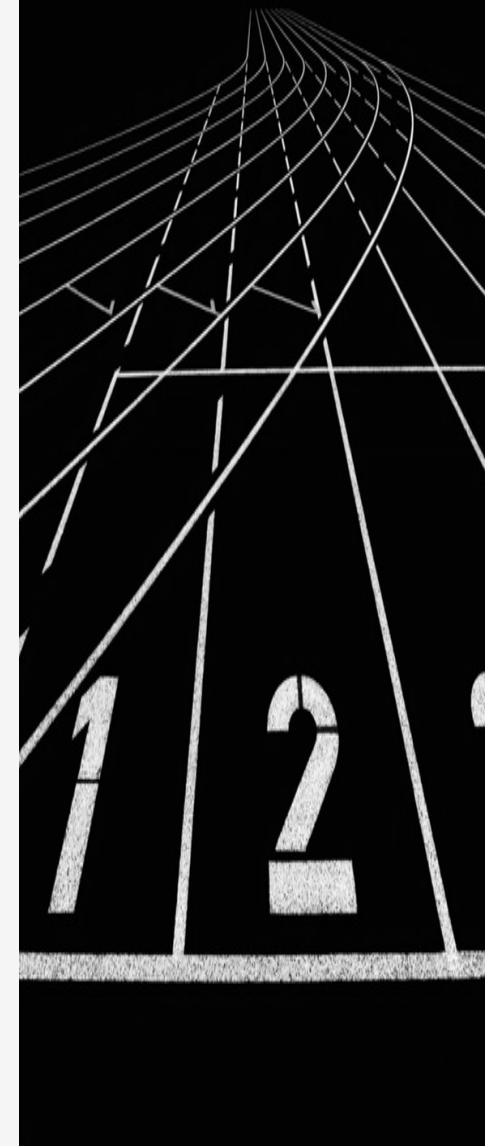
These are the most relevant risks or challenges to the project.

Risks

- **Active DOI Participation:** The WFDSS next gen project is currently lacking a full time dedicated representative from DOI that participates in the project on a daily basis. This position would be the DOI Product Owner dedicated to the project 100% for the next 2 years.

Challenges

- **Lost PM with Enterprise Application Services (EAS):** The week after the kick-off meeting, the PM with EAS took a different position. These functions are being filled by other project team members until the position can be filled again. The position is currently being advertised.
- **Navigating the changes in USDA technology services:** Understanding what roles each the changing organizations take. Working closely with FAM-IT and Forest Service CIO EAD groups to help define which group manages what.



CURRENT ACTIVITIES

- The Product Owners are working with the Business Analyst and UX/UI Designer gathering business requirements and learning about the current system.
- The Architect and Lead Developer are working with agency technical SMEs to understand the current technology landscape and architect the framework of WFDSS Next Gen.
- Discussing with DOI – OWF on how best to fill the DOI Product Owner vacancy.
- Actively recruiting the vacant PM position with EAS.
- Developing and finalizing project documentation.



FOR ADDITIONAL INFORMATION

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