

Air Force Life Cycle Management Center

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FY17 Air Force Rapid Innovation Fund (RIF) Program Overview

July 2017

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AF RIF Program Management Office**



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Agenda



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- **RIF Program Overview**
- **RIF Program Objectives**
- **RIF Implementation Strategy**
- **Key Project Requirements**
- **Technology Readiness Levels**
- **AF RIF FY 17 Participants**
- **Current AF RIF Status**
- **FY 17 AF RIF Schedule**
- **Air Force RIF POCs**



RIF Program Overview



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- **Congressionally mandated** – FY2011 NDAA, Section 1073
 - **Goal: To stimulate innovative technology from small businesses that accomplish the following:**
 - **Resolves operational challenges**
 - **Addresses critical national security needs**
 - **Transitions into defense acquisition programs**
 - **Full and open competition with preference for Small Business**
 - **AFLCMC/XP manages the AF RIF program**

FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
Oct '11-Sep '12	Sep '12-Sep '13	Aug '13-Jul '14	Jun '14-Jul '15	Apr '15-Jul '16	Mar '16-May '17
\$105M / service	\$50M / service	\$53M / service	\$40M / service	\$50M / service	\$62M / service
5 AF needs	4 NDAA areas	5 NDAA areas	3 NDAA areas	104 AF needs	98 AF needs
46 AF awards	43 AF needs	79 AF needs	86 AF needs	21 AF awards	27 Awards
	18 AF awards	30 AF awards	18 AF awards		



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RIF Program Objectives



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- **Provide funding for completion of technology development to close near-term gaps**
 - Aligns technology with sponsor
- **Identify alternate sources of innovative technology to programs and primes for current and future efforts**
 - Provides link between OEM and small business
 - Lower risk to current efforts by providing alternate sources of “near ready” technology
- **Improve AF’s engagement with small business**
 - Means to communicate AF needs to small business
 - Involves the warfighter in the review of near-term solutions



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RIF Implementation Strategy

Two-Step Competitive Process



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- **Step 1: White Papers**
 - Broad Agency Announcement (BAA) issued via FedBizOps
 - Solicitation open for 60 days
 - Applicants submit 3 page white paper and quad chart
 - Evaluations are “Go” or “No Go”

- **Step 2: Proposals**
 - Top rated “Go” white papers will be invited to submit a full proposal
 - Further competition – invite for proposal DOES NOT guarantee an award
 - Highest-rated proposals lead to award



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Key Project Requirements



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- **Looking for Proposals or Projects that:**
 - Satisfies an operational or national security need
 - Accelerate or enhance military capability
 - Provides approach for use by an acquisition program
 - Reduces:
 - Technical risk
 - Cost – Development, acquisition, sustainment, or lifecycle
 - Improve timeliness & quality of test & evaluation outcome
 - Completed within 24 months of award*
 - Cost is not more than \$3 million*

* Can be waived by Under Secretary of Defense (Acquisition, Technology & Logistics)

Selection Preference to Small Business Proposals

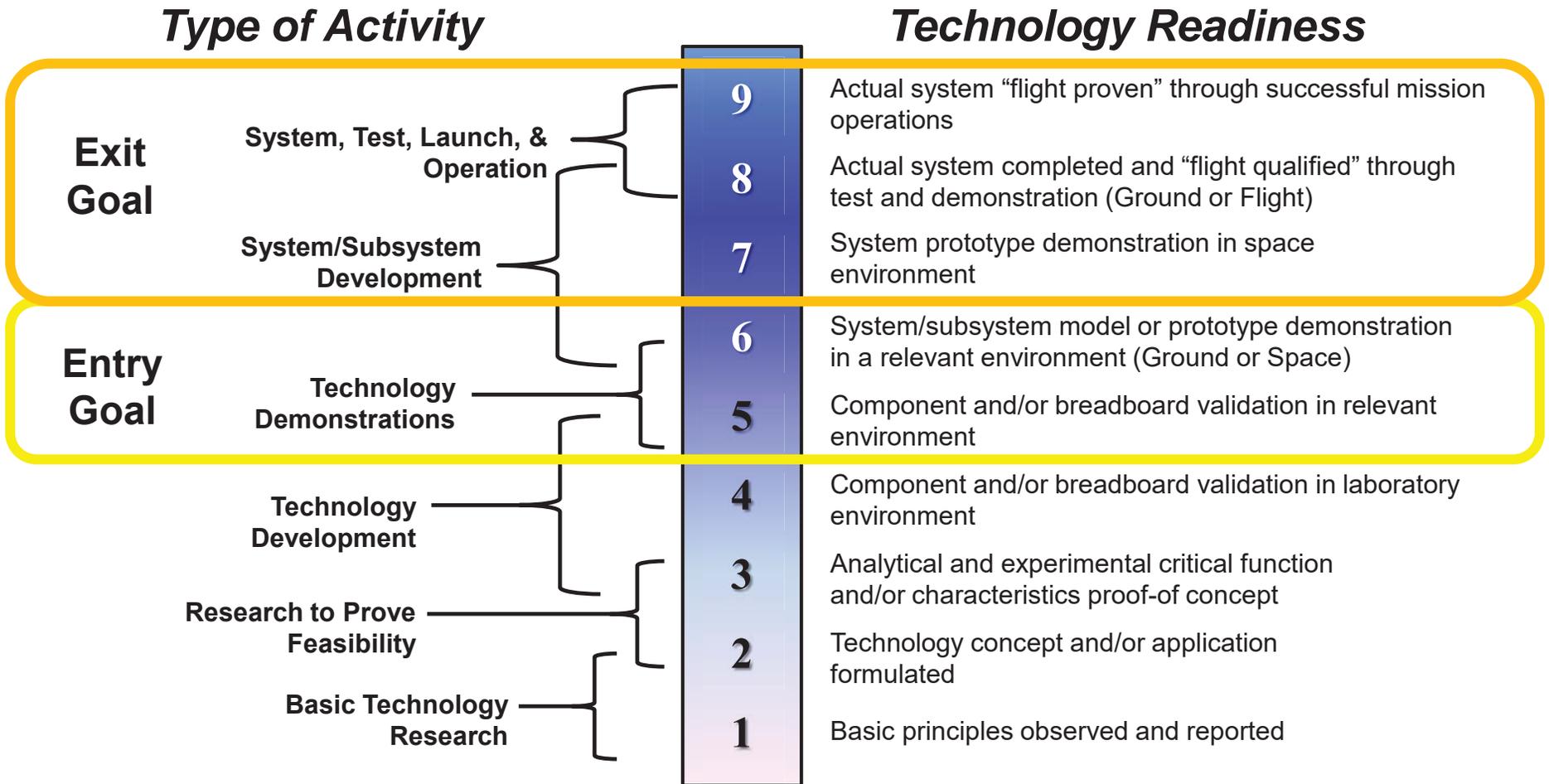


Technology Readiness Levels (TRL)



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AF RIF FY17

“Acquisition” Participants



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Program Executive Offices (PEOs)

- Battle Management
- Business Enterprise Systems
- Command, Control, Communications, Integration & Network (C3I&N)
- Fighter / Bomber
- Intelligence, Surveillance Reconnaissance & Special Operation Forces (ISR & SOF)
- Joint Strike Fighter
- Space
- Strategic Systems
- Weapons

Centers

- Air Force Life Cycle Management Center (AFLCMC)
- Air Force Propulsion Directorate (LP)
- Air Force Sustainment Center (AFSC)
- Air Force Test Center (AFTC)
- Air Force Nuclear Weapons Center (AFNWC)



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Current AF RIF Status



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- **FY11, FY12, FY13, and FY14 RIF projects progressing**
 - Successes are being identified and documented
- **FY15 RIF**
 - All AF RIF projects have been awarded
- **FY16 RIF**
 - All AF RIF projects are in negotiations
- **FY17 RIF is officially underway**
 - Announcements/postings on FEDBIZOPs/Defense Innovation Marketplace



FY17 AF RIF Schedule



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Date		Milestone
2017	17 March 2017	BAA released in FEDBIZOPS
	19 May 2017	BAA Closes: White Papers due from applicants
	Spring 2017	White papers are being evaluated by AF
	Summer 2017	Notifications sent out on white paper evaluation status and full proposals are invited
	Fall 2017	Full proposals from applicants will be evaluated by AF
	Winter 2017	Selections for award announced
2018	January 2018	FY18 RIF requirements identified



Defense Innovation Marketplace

www.defenseinnovationmarketplace.mil



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The screenshot displays the Defense Innovation Marketplace website interface. At the top, there is a navigation bar with links for HOME, BUSINESS OPPORTUNITIES, COMMUNITIES OF INTEREST, NEWS / EVENTS, and FAQs. Below this, a main content area features a large image of soldiers and a central text box titled "Your Centralized Resource for IR&D Market Research" with buttons for "GOVERNMENT IR&D Searchers" and "INDUSTRY IR&D Providers".

On the right side, there is a detailed article titled "Rapid Innovation Fund" with the sub-heading "FY2015 Rapid Innovation Fund Source Selection Milestones (FY15FUNDS)". The article text states: "The Rapid Innovation Fund provides a collaborative vehicle for small businesses to provide the department with innovative technologies that can be rapidly inserted into acquisition programs that meet specific defense needs. RIF is administered by the Office of the Secretary of Defense (OSD) Assistant Secretary of Defense for Research and Engineering (ASD R&E) and Office of Small Business Programs (OSBP)." It is dated "Updated Jun 1, 2015".

Below the article is a table of milestones for 2015:

2015	
April 15	BAA Release in FedBizOpps
May 1	Websites open for White Paper (WP) Submissions
June 15	BAA Closes: White Papers (WPs) due from offerors
NLT October 15	Components complete WP evaluations Initial priorities and ranking by Components
NLT November 2	Components notify all offerors of WP disposition, invite full proposals
NLT December 1*	Full proposals due from offerors Components start full proposal evaluations

In the left sidebar, under the "SMALL BUSINESS RESOURCES" section, a red box highlights the "Rapid Innovation Fund" link. Other links in this section include "Small Business Resources" and "Small Business Innovation Research".

The Defense Innovation Marketplace is a communications resource to provide industry with improved insight into the Research and Engineering investment priorities of the DoD.



Federal Business Opportunities

FedBizOpps.gov



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Federal Business Opportunities

Home
Getting Started
General Info
Opportunities
Agencies
Private

Buyers: [Login](#) | [Register](#) Vendors: [Login](#) | [Register](#) [Account](#)

FY 2015 Rapid Innovation Fund (541712)

Solicitation Number: HQ0034-15-BAA-RIF-0001B
Agency: Other Defense Agencies
Office: Washington Headquarters Services
Location: WHS, Acquisition Directorate

[Print](#)

Notice Details
Packages
Interested Vendors List

Note: There have been modifications to this notice. You are currently viewing the original synopsis. To view the most recent modification/amendment [click here](#)

[Complete View](#)

Original Synopsis
Apr 15, 2015 4:51 pm

[Changed](#)
May 04, 2015 10:06 am

[Changed](#)
May 18, 2015 9:06 am

[Changed](#)
Jun 02, 2015 8:44 am

[Return To Opportunities List](#)
[Watch This Opportunity](#)

Add Me To Interested Vendors

Solicitation Number: HQ0034-15-BAA-RIF-0001B **Notice Type:** Special Notice

Synopsis:
Added: Apr 15, 2015 4:51 pm
The goal of the Rapid Innovation Fund is to transition innovative technologies that resolve operational challenges or save costs into acquisition programs. The DoD seeks mature prototypes for final development, testing, evaluation, and integration. Those selected for award may receive up to \$3 million in Rapid Innovation Funding and will have up to two years to perform the work.

ALL FILES

[Appendix 1 Quad Chart](#)
Apr 15, 2015

[Appendix 1 Quad](#)
Apr 15, 2015

[FY2015 RIF BAA Final](#)
Apr 15, 2015

[RIF FY 2015 BAA](#)
Apr 15, 2015

[Amendment 0001](#)
May 04, 2015

[DoD RIF 2015 Amendme...](#)
May 04, 2015

[Amendment #0002](#)
May 04, 2015

The Washington Headquarters Services,
Acquisition Directorate
on behalf of the Department of Defense releases the

FY 2015 Rapid Innovation Fund
Broad Agency Announcement
Announcement Number: HQ0034-15-BAA-RIF-0001
Issue Date: April 15, 2015

IMPORTANT

THIS IS A TWO-STEP SOLICITATION PROCESS:

- STEP 1 – SUBMISSION OF WHITE PAPERS
- STEP 2 – SUBMISSION OF FULL PROPOSALS (BY INVITATION ONLY)

White Paper Submission: DoD begins accepting White Papers **May 01, 2015**.

Deadline for Receipt: White Papers must be completely submitted by 3:00 p.m.

	Title of Project, Company, Requirement# (Arial 24 pt. Bold)
<p style="text-align: center;">Picture or Graphic Illustrating Proposed Technology</p>	<p style="font-size: small;">Contribution to the Requirement (Arial 12 pt Normal)</p> <p style="font-size: x-small;">Relevance / How Technology Addresses Requirement</p> <ul style="list-style-type: none"> <p style="font-size: x-small;">Transition (Existing Military System, Program or Capability)</p> <ul style="list-style-type: none"> <p style="font-size: x-small;">TRL: Current – _____ Anticipated – _____</p>
<p style="font-size: small;">Technical Approach/Qualifications (Arial 12 pt Normal)</p> <p style="font-size: x-small;">Project Objectives and Scope:</p> <ul style="list-style-type: none"> <p style="font-size: x-small;">Key Personnel, Facilities / Equipment</p> <ul style="list-style-type: none"> <p style="font-size: x-small;">Related Prior or Current Work:</p> <ul style="list-style-type: none"> 	<p style="font-size: small;">Cost and Schedule (Arial 12 pt Normal)</p> <p style="font-size: x-small;">Estimated Cost: \$ _____</p> <p style="font-size: x-small;">Major Activities/Milestones:</p> <ul style="list-style-type: none"> <p style="font-size: x-small;">Deliverables / Measures of Success:</p> <ul style="list-style-type: none"> <p style="font-size: x-small;">Potential Risks:</p> <ul style="list-style-type: none">

FedBizOpps.gov is the single government point-of-entry (GPE) for Federal government procurement opportunities over \$25,000.



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FY17 Program Resources



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AF RIF has new Submission, Evaluation, and Awards Tracking Systems, and new Helpdesk contractor support:

- **New AF RIF System URL: <https://www.afrif.com>**
- **New Training System URL: <http://www.afriftraining.com>**
- **New Helpdesk phone: (toll free) 855-829-2832**
- **New Helpdesk email: helpdesk@afrif.com**
- **New AFRIF Team Email: afrifteam@afrif.com**



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AF RIF Points of Contact



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