



# 2018 Beyond Phase II Conference – RIF 101

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# Background

- Established as the Rapid Innovation Program (RIP) in Section 1073 of the Fiscal Year 2011 National Defense Authorization Act (NDAA)
  - A competitive, merit-based program
  - Accelerates fielding of innovative technologies into military systems
- Reauthorized in the FY 2017 NDAA as a permanent program
- Re-designated as the Rapid Innovation Fund (RIF) within the Department of Defense (DoD)

***Bottom Line Goal: Transition Innovative Technologies into Fielded Operational Capability or Defense Acquisition Programs***

# Key Requirements

## Projects objectives:

- **Satisfy an operational or national security need**
  - Accelerate or enhance military capability
  - In support of major defense acquisition program
- **Stimulate innovative technologies**
- **Reduce acquisition / lifecycle costs**
- **Address technical risk**
- **Improve timeliness & thoroughness of test & evaluation outcomes**

## Projects cost and schedule:

- **Be completed within 24 months of award**
- **Cost no more than \$3 million**

# Appropriate Technology Readiness Level (TRL)

RIF Funded with Budget Activity 4 RDT&E Funds

## Maturity Goal TRL 6-9

**6** System/subsystem model or prototype demonstration in a relevant environment

**7** System prototype demonstration in an operational environment

**8** Actual system completed and qualified through test and demonstration

**9** Actual system proven through successful mission operations

Required for Majority of Awards: Facilitates Transition

## Low TRL accepted

### ONLY if:

- Breakthrough capability or operational game-changer
- Cost neutral to the acquisition program
- Accommodated within program schedule

**4** Component and/or breadboard validation in a laboratory environment

**5** Component and/or breadboard validation in a relevant environment

Award By Exception

Technology Readiness Assessment Guidance - -  
<http://www.acq.osd.mil/ddre/publications/docs/TRA2011.pdf>

# RIF Eligibility

## Commitment to Small Business

- Selection preference shall be given to small business
- Awards to other than small business are allowed, but ONLY after the approval authority deems the offer is superior to an offer received from a small business
- Small Business Standard defined by North American Industry Classification System
  - 541712: Research and Development in Physical, Engineering, and Life Sciences
  - 541711: Research and Development in Biotechnology
- Participation by minorities and disadvantaged persons is encouraged

## Foreign Participants

- Foreign participants and/or individuals may participate
- Some requirements may cover export-controlled technologies
- Research is limited to U.S. persons as defined in the International Traffic in Arms Regulations (ITAR), 22 CFR §1201.1

# RIF Management Roles and Responsibilities

## OSD-Level (R&E)

- **Issue / Publish:**
  - Annual Implementation Guidelines
  - Acquisition Plan
  - Source Selection Milestones
    - Detailed Review Process w/ Defense Agencies / CCMDs
  - BAA
  - Communication Guidelines
  - White Paper (WP) Notifications to Offerors
- **Track Project Results**
  - Annual IPRs
- **Issue Funds & Monitor Financial Execution**

## Component-Level

- **Execute Allocated Funds**
  - Supplement OSD Guidelines (as needed)
- **Provide BAA Requirements**
  - Address Offeror Technical Questions
- **Establish Source Selection Teams**
  - Evaluate WPs & Proposals
  - Make Contract Awards
  - Monitor & Report Technical Progress
- **Request Funds & Report Status –**
  - Financial Execution
  - Report Results of Project IPRs / End of Project Results

# RIF Implementation

## ■ Competitive, Merit-Based Two-Step Process

### ○ *Step 1:*

- Issue Broad Agency Announcement (BAA) with DoD component requirements
- Industry Response: 3-page White Paper + Quad Chart
- Evaluations are “Go” or “No Go”

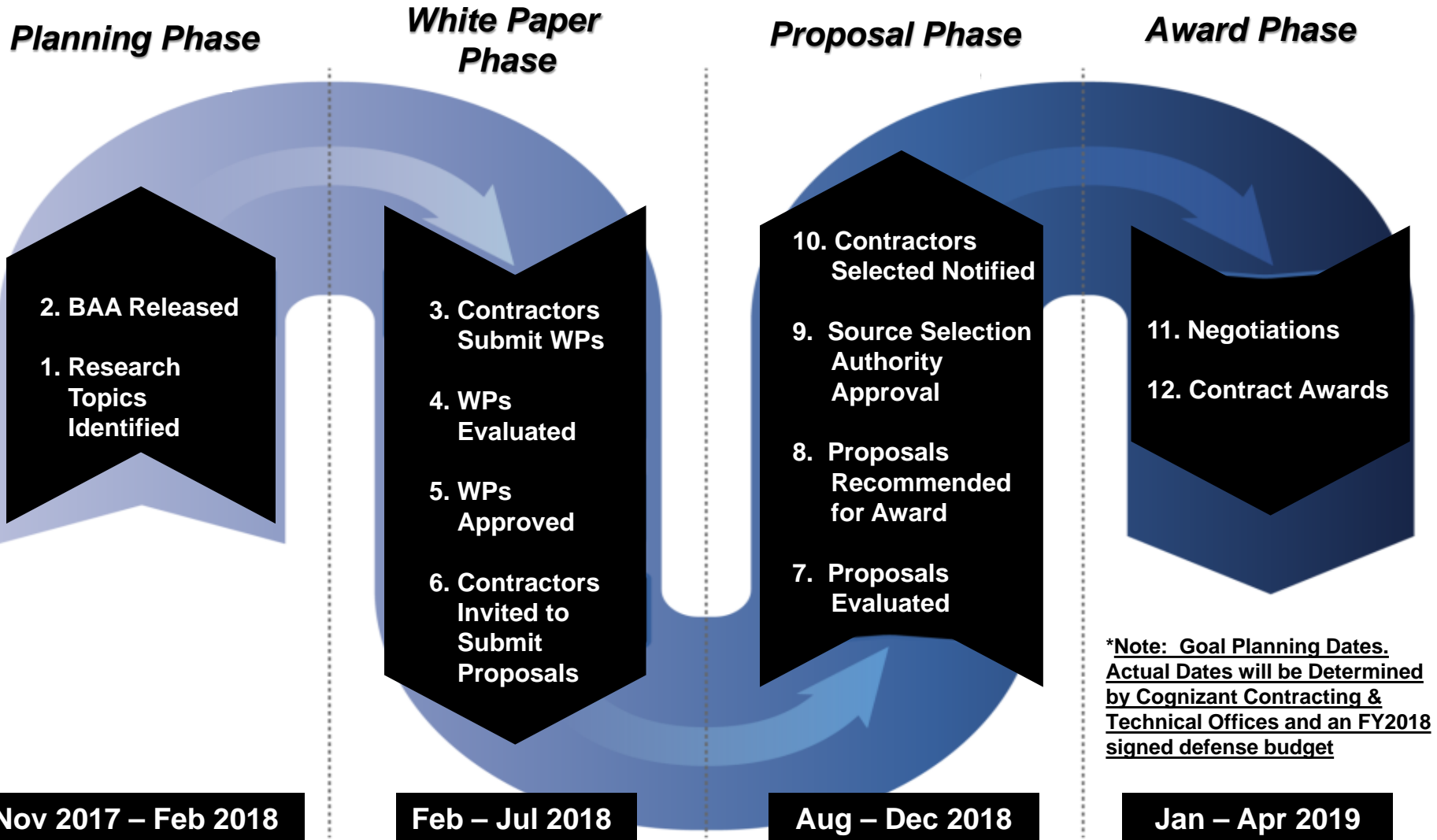
### ○ *Step 2:*

- Highest rated “Go” offerors invited to submit full proposals
  - Further competition – invite for proposal DOES NOT guarantee an award
- Highest-rated proposals lead to award

## ■ Public Notice:

- Federal Business Opportunities: [www.FedBizOpps.gov](http://www.FedBizOpps.gov)
- Research & Engineering Defense Innovation Marketplace:  
<http://defenseinnovationmarketplace.mil/RIF.html>

# FY18 Process (\$250M) Key Steps & Timeline\*



Source: GAO analysis of DOD data. | GAO-15-421



# Execution of FY18 Funds: \$250M

## Milestones (Update: Aug 2018)

	Target Date	Event / Action	Status	
2018	February 21, 2018	<i>BAA Released in FedBizOpps - Hot Link Posted at:</i> - <a href="https://dodrif.com/">https://dodrif.com/</a> - <a href="http://www.defenseinnovationmarketplace.mil/rif.html">http://www.defenseinnovationmarketplace.mil/rif.html</a>	<i>Complete</i>	Step 1
	April 12, 2018	<i>BAA Closes: White Papers (WPs) due from offerors</i>	<i>Complete</i>	
	NLT June 1, 2018*	<i>Components complete WP evaluations Initial priorities and ranking by Components</i>	<i>Complete</i>	
	NLT Aug 31, 2018 *	<i>WP notifications, invite full proposals</i>		Step 2
	NLT Oct 17, 2018 *	<i>Full proposals due from offerors Components start full proposal evaluations</i>		
	NLT Dec 3, 2018 *	<i>Components complete full proposal evaluations</i>		
NLT Jan 3, 2019 *	<i>Negotiations, start contract awards</i>			
2019	NLT April 1, 2019 *	<i>FY16-funded RIF contract awards complete</i>		

\* DoD-Wide RIF Goals: Actual Dates will be Determined by Cognizant DoD Component Contracting & Technical Offices

# RIF Implementation - BAA

- Issued on Federal Business Opportunities (FedBizOpps)
  - <https://www.fbo.gov/spg/ODA/WHS/REF/HQ0034-18-BAA-RIF-0001A/listing.html>
  - Solicitation Number:
    - HQ0034-18-BAA-RIF-0001A -- NAICS Codes 541714 – R&D in Biotechnology
    - HQ0034-18-BAA-RIF-0001B -- NAICS Code 541715 – R&D in Physical, Engineering & Life Sciences
- **Opened February 22, 2018 / Closed April 12, 2018**
- **Contains:**
  - Key dates / milestones for submission
  - Instructions for submission
  - Notification of 2-step process: White Papers & Full Proposals
  - Source Selection Criteria: White Papers & Full Proposals
  - Requirements for industry / offeror responses
    - 280+ Requirements from Army, Navy, Air Force, & Defense Agencies
    - Each requirement provides DoD Technical Point of Contact (TPoC)

# White Paper Submission

## Three Submission Portals

- OSD/Army - <http://www.dodrif.com>
- Air Force - <https://www.afrif.com>
- Navy - <https://navyrif.com>

## White Paper Structure

- Four Pages – pages submitted in excess of limits will not be read
- Section 1 Cover sheet – does not count in page limit
- Section 2 Technical description
  - Contribution to the requirement
  - Technical Approach
  - Schedule
  - Costs
- Section 3 Quad Chart

# Elements of a Good White Paper

## **WHAT TO INCLUDE:**

- **Your technology solution**
  - How it addresses the RIF requirement
  - Clear, concise synopsis of approach
  - What's innovative – what sets your technology apart from competition
  - Enough technical specification to demonstrate technology expertise
  - Key data:
    - Pictures & diagrams
    - Government contacts that currently relate to this effort
    - Summary of teaming arrangements
    - Any prior testing & summary results

## **WHAT NOT TO INCLUDE:**

- Technology looking for a solution (e.g., unrelated to the requirement)
- Generic company overview (org chart)
- History of the problem
- Testimonials from other industry or lab researchers
- Detailed diatribe of charts and formulas stating why your technology is the best

## **When BAA opens, read it, ask questions & prepare a DRAFT WP soonest**

- *If missing data, update later. DO NOT WAIT UNTIL LAST MINUTE!*
- *Follow directions / template as provided in the submission portal(s)*

# RIF Key Points of Contact

## OSD – Defense Agencies



### OSD Program Director

Theodore Bujewski

[theodore.j.bujewski.civ@mail.mil](mailto:theodore.j.bujewski.civ@mail.mil)

571-372-6256

## Military Services



### Army

Robert Saunders

[robert.m.saunders14.civ@mail.mil](mailto:robert.m.saunders14.civ@mail.mil)

703-697-0502



### Navy (ONR)

Scott Bartlett

[scott.bartlett@navy.mil](mailto:scott.bartlett@navy.mil)

301-227-2388



### Air Force

Neville Thompson

[neville.a.thompson.civ@mail.mil](mailto:neville.a.thompson.civ@mail.mil)

571-256-0319

Defense Innovation Market Place -

[www.defenseinnovationmarketplace.mil/rif](http://www.defenseinnovationmarketplace.mil/rif)

Federal Business Opportunities -

[www.FBO.gov](http://www.FBO.gov)

Questions? Contact us!



[Questions@dodrif.com](mailto:Questions@dodrif.com)

# Additional Info / Resources

[www.DefenseInnovationMarketplace.mil](http://www.DefenseInnovationMarketplace.mil)

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WHAT'S NEW

Solicitations

- Navy F/A-18 & EA-18G Aircraft Maintenance Support Services
- Navy AWW Test & Evaluation and Engineering Support
- Navy Radiation Detection Systems Support
- Air Force Booster Propulsion BAA
- NGA Business Improvement Open Source Research
- DARPA Robust Inertial Guidance for Munitions: Advanced Inertial Micro Sensor
- Navy Scientific, engineering, and technical support services for Submarine...
- Engineering Support for PALS Systems

Strategic Documents

- Air Force Strategic Master Plan
- Army S&T Overview
- Army Equipment Program 2016

Events

- 2015 Army Industry Day for Automated Tactical Optical Line-of-Sight \*\* Jun 5 \*\*
- Airborne Network Technology Review Days \*\* Jun 9-11\*\*
- 2015 Navy Air Combat Environment Test and Evaluation Facility \*\* Jun 11 \*\*

Better Buying Power 3.0

Contact Us

CONNECTING INDUSTRY AND DoD

The Defense Innovation Marketplace is a communications resource to provide Industry with Improved Insight into the Research and Engineering investment priorities of the Department of Defense (DoD). The Marketplace contains DoD R&E strategic documents, solicitations, and News/Events to better inform Independent Research and Development (IR&D) planning. The IR&D Secure Portal houses project summaries that provide DoD with visibility into the IR&D efforts submitted.

**NEW BUSINESS OPPORTUNITIES**

Have a solution to a DoD Technology need? Find links to:

- RFPs
- RFPs
- Presolicitations

**TECHNOLOGY INTERCHANGE MEETINGS**

Technology Interchange Meetings (TIMs) allow DoD and Industry/academia to come together around specific R&E technology challenges and focus areas.

- Weapons Technology (Closed)
- Human Systems (June 22-26)

**STRATEGIC DIRECTION**

Where is the Department of Defense headed? Gain insight by linking to key DoD and Services Information:

- Strategic Documents

**LONG RANGE R&D PROGRAM PLAN**

Industry, academia, labs (both corporate and government), FFRDCs and the general public were encouraged to share ideas.

- Learn More

**SMALL BUSINESS RESOURCES**

Small Business Resources can help your growing enterprise:

- Small Business Resources
- Small Business Innovation Research (SBIR) program
- Rapid Innovation Fund

**NEWS & EVENTS**

What DoD news, events, or meetings do you need to know about?

- News
- Events
- Weekly S&T Briefings

## Defense Innovation Marketplace

### Business Opportunities

- Small Business Resources
- Acquisition Resources
- Technology Interchange Meetings
- Army, Navy, Air Force & Other DoD S&T Information

### Rapid Innovation Fund (RIF) Program

- Current BAA / FBO Link
- Current Year Milestones
- RIF Component Leads / POCs
- Overview Brief (RIF 101)
- RIF Awards
- Transition Guidelines
- Congressional Statute

# DoD R&E Enterprise

Solving Problems Today – Designing Solutions for Tomorrow



DoD Research Enterprise  
<https://www.acq.osd.mil/rd/>

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