



**Special Notice N00014-17-SN-0006
for Office of Naval Research
Future X-Band Radar (FXR) Industry Day**

1. INTRODUCTION

The purpose of this announcement is to notify interested parties of an Industry Day for the U.S. Surface Navy Future X-band Radar (FXR) Program. ONR is planning to issue a solicitation for a capability study in support of this effort. Specific details of the procurement process remain to be determined. It is the responsibility of any potential offeror/subcontractor to monitor Federal Business Opportunities (FedBizOpps) for additional procurement information for XFR as it becomes available.

The Government anticipates release of a draft FXR statement of work to registered attendees.

2. DISCLAIMER

The ONR will not issue paper copies of this Announcement. This Announcement does not constitute an indication that the Government will contract for development of a radar system based on any of the draft FXR requirements discussed through this Special Notice. This Special Notice is neither a contract, nor a request for proposal, nor a promise to contract, nor a commitment of any kind. The Government assumes no liability for costs incurred by any participant for travel or participation.

3. BACKGROUND

The FXR effort is entering a Technology Advancement and Risk Reduction phase that will mature technologies that the Surface Navy could leverage for its next generation, X-band multi-function radar. FXR will assume the functional capabilities of AN/SPQ-9B including surface search, horizon search, and periscope detection and discrimination. FXR will provide additional capability including dedicated tracking, missile communication, and advanced electronic protection. The new radar system will be back-fit on existing ships and forward fit for new ship construction. Although a functional replacement for AN/SPQ-9B, the threats and combat operational environment for this radar are new conditions dictating performance.

Science and Technology development is crucial to properly advance and evaluate industry's ability to deliver the necessary functionality within affordability, performance, size, weight,

power, and cooling (SWAP-C) constraints. Technology assessment, risk reduction and industry engagement is needed, from study through prototype efforts, to help mature key technologies and refine the specific performance requirements to enable a successful and timely acquisition phase that meets the notional schedule which is driven by the In-Yard Need Date (IYND) in Fiscal Year (FY) 2027.

4. INDUSTRY DAY

The ONR will hold an Industry Day for potential offerors on Wednesday, 13 September 2017. The purpose of the meeting will be to provide potential offerors with a better understanding of the scope of the FXR program objectives and conduct market research regarding potential offeror's capabilities through question and answers. All briefings will be classified SECRET. All participants must be U.S. citizens holding a valid security clearance at the time of the meeting.

The Industry Day will be held at Systems Planning and Analysis (SPA), 20 M Street, SE, Suite 800, Washington, DC, 20003. Check-in is from 8:00 - 9:00 AM Eastern Daylight Time (EDT); Industry Day will be held from 9:00AM – 11:30 PM EDT. PRE-REGISTRATION BY EMAIL FOR FXR INDUSTRY DAY IS MANDATORY; WALK-IN REGISTRATION WILL NOT BE PERMITTED.

All attendees are required to pre-register by sending a notification of planned attendance via email to Mr. Thomas Andress at Thomas.andress.ctr@navy.mil and Mr. Jeffrey Rice at Jeffrey.w.rice.ctr@navy.mil. The message shall include the following information: name of attendee(s), title(s), organization, department or company division, phone, and email address. If requested attendance exceeds capacity, it may be necessary to limit attendance, and organizations will be so notified. Those not able to attend this briefing will be provided a copy of briefings upon request, subject to validation of appropriate clearances.

Please submit your SECRET visit request via JPAS:

SECRET SMO Code: N000144 7L5634 (SMO Code will appear with SPA's HQ Address)

Meeting Name: FXR Concept Study Industry Day

Date: 13 September 2017

Principal Point of Contact: Brad Binder, 703-696-1438

SPA POC: Mr. Tom Andress, Thomas.andress.ctr@navy.mil 703-399-8161

SPA Security Officer: Ms. Lokia Hastye, lhastye@spa.com

Degree of Access: SECRET

Security Contact: (703) 399-8143

For any questions regarding the submission and receipt of visit requests, please contact Ms. Lalkia Hastye.

All briefings will be classified SECRET. All participants must be U.S. citizens holding a valid security clearance at the time of the meeting. A formal agenda will be provided to confirmed attendees. No time will be allocated for industry briefings at this venue; however, there will be time allocated for questions and answers.

An amendment will be issued to the Special Notice to provide the Department of Defense Contract Security Classification Specification (DD254).

5. SIGNIFICANT DATES AND TIMES

Anticipated Schedule of Events		
Event	Date	Time (EASTERN DAYLIGHT TIME)
Deadline to request GFI	29 August 2017	2:00 PM EDT
Visit Request Deadline	08 September 2017	1:00PM EDT
FXR Industry Day Check-In	13 September 2017	8:00AM-9:00AM EDT
FXR Industry Day	13 September 2017	9:00AM – 11:30PM EDT

6. BUILDING SECURITY

Upon arrival, visitors must check in with building security in the lobby. Photo identification will be required to check-in. Upon providing identification, visitors will be directed to the elevators and proceed up to the 8th floor. Upon arrival into Systems Planning and Analysis (SPA), photo identification and security clearances shall be verified. Any, and all electronic equipment shall be stored in an appropriate place as directed by the SPA security officer. US federal government employees, military personnel, and US contractors displaying a valid CAC will be admitted as UNESCORTED guests. All other attendees will require an ESCORT the entire time they are at SPA.

7. SECURITY PROCEDURES

The reviews will be classified at the SECRET level. Cameras, tablets, laptops, cell phones/blackberry, smart phones, portable electronic devices, wi-fi or mi-fi devices, personal digital assistants (PDA), electronic books or readers, voice recorders, pagers, radios, scanners, global positioning satellite devices (GPS), thumb drives, or any electronic device that has the ability to transmit or receive, such as a Bluetooth enabled watch or Bluetooth hands free earpiece will not be permitted in the classified sessions. Lockers in the SPA Lobby and Reception area will be available for securing these smaller electronic devices. Briefcases and backpacks must also remain outside the meeting room. Space will be available for storage outside the meeting room.

8. POINTS OF CONTACT

Questions of a **business** nature, should be submitted to:

Name: Lynn Christian
Title: Contracting Officer
Division: ONR Code 25, C4ISR & Sea Warfare Contracts Branch
Address 875 North Randolph Street, Arlington, VA 22203-1995
Email: lynn.christian@navy.mil

Questions of a **technical** nature should be submitted to:

Name: Brad Binder
Title: Program Officer
Division: ONR Code 312, C4ISR
Address 875 North Randolph Street, Suite 1112, Arlington, VA 22203-1995
Email: bradley.binder @navy.mil

Questions of a **security** nature should be submitted to:

Name: Torri Woodfolk
Title: Industrial Security Specialist
Division: Security Department, Code 43
 One Liberty Center, 875 North
Address Randolph Street, Arlington, VA 22203-1995
Email: Torri.powel@navy.mil

All questions shall be submitted in writing by electronic mail.

9. ITAR RESTRICTIONS

Some topics in this RFI cover export controlled technologies. Research in these areas is limited to "U.S. persons" as defined in the International Traffic in Arms Regulations (ITAR) - 22 CFR § 1201.1 et seq. RFI responses and any other communication on this topic shall be limited to only such ITAR qualified "U.S. persons"/companies. Offerors should be aware of recent changes in export control laws. Offerors are responsible for ensuring compliance with all International Traffic in Arms Regulation (ITAR) (22 CFR §120 et. seq.) requirements, as applicable. In some cases, developmental items funded by the Department of Defense are now included on the United States Munition List (USML) and are therefore subject to ITAR jurisdiction. Offerors should address in their proposals whether ITAR restrictions apply or do not apply, such as in the case when research products would have both civil and military application, to the work they are proposing to perform for ONR. The USML is available online at:

<http://www.ecfr.gov/cgi-bin/text-idx?node=pt22.1.121>.

Additional information regarding the President's Export Control Reform Initiative can be found at:

<http://export.gov/ecr/index.asp>.

10. GOVERNMENT FURNISHED INFORMATION

Potential offerors can receive the Government Furnished Information (GFI) listed below (in accordance with Standard Distribution D and above ITAR restrictions) on request to Lynn Christian at Lynn.Christian@navy.mil. The request on company letterhead shall include company name, company cage code, company classified mailing address, a current DoD contract number along with the government Point of Contact (POC) for that contract and the contact information for your Joint Certification Program POC. The ONR will use this information to verify eligibility to receive Distribution D, export controlled and classified information. Requests for exceptions to the Distribution D DoD contractor requirement may also be submitted to Ms Christian.

- 1) DRAFT FXR System Requirements Document (classified document)
- 2) DRAFT Technical Performance Measures List
- 3) DRAFT FXR Interface Functional Definition (IFD)
- 4) FXR Risk Reduction Security Classification Guide (SCG) (unclassified document with classified appendix)