



**Notice of Information Availability N00014-21-S-B001
for Office of Naval Research
Multi-Beam Array for Cooperative Engagement (MACE)**

N00014-21-S-SN13

1. INTRODUCTION

This Notice of Information Availability provides instructions to potential offerors on how to request the Government Furnished Information (GFI), in the form of a classified addendum, associated with MACE requirements. A plan of actions against the ONR Long Range Broad Agency Announcement (BAA) N00014-21-S-B001 will similarly be provided at that time. Both documents would be integral to a successful proposal submission.

2. REQUIREMENT

The Multi-Beam Array for Cooperative Engagement (MACE) is an advanced AESA (Active Electronic Steered Aperture) transceiver system. The thrust of the advanced technology development and associated Future Naval capability under MACE is the rapid prototyping, and evaluation for TRL=6 maturity and suitability for naval operations. Technical capabilities include wideband, SW programmable and scalable multi-beam/multi-channel communications transceiver system with highly dynamic digital beam forming and nulling. Latest chip-set and digital processing innovations, as well as industry best practices to reduce size, weight, power, and cooling (SWaP-C), while increasing inter-connect density and IO speeds/bandwidth without adverse performance impact are key differentiators from other similar efforts in the past. Modular growth is a key requirement, predicated on Line Replaceable Modules (LRMs) that scale on per-element or sub-aperture basis. Specific radiating aperture technology is not a topic of interest for this solicitation.

3. GOVERNMENT FURNISHED INFORMATION

UNCLASSIFIED

Prior to submitting a proposal, potential offerors should review (i) the Plan of actions relating to the BAA and the (ii) classified document, MACE Requirements, which is available upon request.

The request shall be on company letterhead and 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 classified information.

The request shall be sent to Mr. Stephen Hughes at Stephen.t.hughes@navy.mil with a copy to Ms. Kizuwanda Byrd at Kizuwanda.byrd.ctr@navy.mil

The deadline to request the Government Furnished Information (GFI) is 5 August 2021 at 2PM Eastern Time. The classified material should be destroyed by 30 November 2021, with notification of the destruction of the material sent to Mr. Hughes and a copy to Ms. Byrd.

The Department of Defense Contract Security Classification Specification (DD254) is provided as attachment number 1.

4. POINTS OF CONTACT

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

Name: Stephen Hughes
Title: Contracting Officer
Division: ONR Code 251
Address 875 North Randolph Street,
Arlington, VA 22203-1995
Email: Stephen.t.hughes@navy.mil

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

Name: Dr. Santanu Das
Title: Program Officer
Division: ONR Code 311
Email: santanu.das@navy.mil

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

Name: Ms. Yezabeth Cuevas

Title: Industrial Security Specialist

Division: Security Department, Code 43
One Liberty Center, 875 North

Address Randolph Street, Arlington, VA
22203-1995

Email: yezabeth.cuevas2@navy.mil

All questions shall be submitted in writing by electronic mail.