

FUNDING OPPORTUNITY ANNOUNCEMENT
N00173-16-R-FO01
SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM)
WORKFORCE DEVELOPMENT FOR ENROLLED K-12 AND COLLEGE STUDENTS
AND NAVY WORKFORCE

This publication constitutes a Funding Opportunity Announcement (FOA) as contemplated in the Department of Defense Grants and Agreements regulations (DoDGARS) 22.315(a). A formal Request for Proposals (RFP), solicitation, and/or additional information regarding this announcement will not be issued. The Naval Research Laboratory (NRL) will not issue paper copies of this announcement. NRL reserves the right to select for award all, some, or none of the proposals submitted in response to this announcement. NRL will not reimburse for proposal development costs. Technical and cost proposals and any related materials submitted in response to this FOA will not be returned. All proposals will be treated as sensitive competitive information and contents will be disclosed only for the purpose of evaluation.

Proposals in the following interest areas are encouraged:

- (1) the NRL Pre-Engineering Program for Science, Technology and Mathematics for K-12 Pupils. The target students attend primary, middle and high schools in St Tammany Parish LA, and in the following Mississippi counties: Hancock, Harrison, Jackson, and Pearl River. The target students may attend public or private schools.
- (2) STEM-focused workforce development programs targeting the present uniformed Navy workforce.
- (3) STEM-rich education and outreach opportunities targeting Mississippi undergraduate students, notably at the freshman and sophomore levels.

1. General Information

A. Agency Name:

Naval Research Laboratory – SSC
John C. Stennis Space Center
Stennis Space Center, MS 39529-5004

B. Program Title:

NRL Science, Technology, Engineering and Mathematics (STEM) Workforce Development for Enrolled K-12 and College Students and Navy Workforce

C. Funding Opportunity Number: N00173-16-R-FO01

D. Response Date:

This announcement will remain open until 15 JUL 2016. Proposals may be submitted until 15 JUL 2016

E. Funding Opportunity Description

The U.S. Naval Research Laboratory (NRL) through its detachment at the Stennis Space Center, Mississippi (NRL-SSC) seeks proposals under authority of the National Defense Education Act (1959) to stimulate pupils in the sciences, technology and mathematics (STEM). The NRL-SSC effort is graphically represented on the web page of the White House at:

<http://www.whitehouse.gov/files/documents/ostpPCAST/McGahern.pdf> (see page 10 of the pdf file).

Depending upon the availability of appropriated funds, NRL-SSC may: (1) Make multiple awards under this FOA; and (2) Consider options exercisable for multi-year performance. Funding is limited and proposals are primarily sought in the not-to-exceed \$150,000 range; however larger awards may be considered when appropriate.

F. Point(s) of Contact (POC):

Proposals will be accepted ONLY via e-mail. Proposal shall be submitted in Acrobat.pdf format to:

Mr. Richard D. Sewell
Contract Specialist
Code 3235
Naval Research Laboratory-SSC
Stennis Space Center, MS 38529-5004
E-Mail: Richard.sewell@nrlssc.navy.mil

Proposals will be screened by the Contracting Division and subsequently forwarded to the Technical Point of Contact/Contracting Officer's Representative.

G. Instrument Type(s)

The Government anticipates that awards will take the form of Cooperative Agreements.

2. Proposal Content and Format

A. The technical proposal shall, at a minimum:

- (1) Provide a cover page which shall be labeled "Proposal", and shall include:
 - (a) the FOA number:N00173-16-R-FO01
 - (b) proposed title
 - (c) the Offeror's Administrative and Technical Points of Contact, including telephone numbers, facsimile numbers, and e-mail addresses
 - (d) the applicant's DUNS Number, CAGE Code, and Taxpayer Identification Number
- (2) Contain an executive summary not to exceed one page.
- (3) Describe, in 10 pages or less, a plan to create and manage basic scientific projects for target audiences:

- (a) For proposals regarding the NRL Pre-Engineering K-12 program: indicate areas of research appropriate to the age of the pupil and of interest under STEM stimulation set out by the Office of the Director, Defense Research and Engineering (DDR&E) – see the description of NDEP goals at the following ebsite:<http://www.dtic.mil/descriptivesum/Y2009/OSD/0601120D8Z.pdf>. The technical/management plan should identify mentoring opportunities with seasoned research scientists within the university/college community or NRL;
- (b) For proposals regarding the STEM-focused workforce development program: identify opportunities to benefit the current military and civilian Navy workforce as it relates to cultivating a workforce to sustain the Navy's growing STEM research and operational interests.
- (c) For proposals regarding STEM-rich education and outreach opportunities targeting undergraduate students: indicate areas of STEM that relate to Navy needs, identify opportunities to include Navy relevance in instruction and/or exposure to Navy STEM and offer a plan for sustainability.
- (4) Contain an itemized budget which shall, as applicable, address:
- Direct Labor Costs and Hours
 - Administrative and Clerical Labor Costs and Hours
 - Applicable Fringe Benefits and Indirect Costs
 - Travel Costs
 - Materials & Supplies
 - Subcontractors and Consultants
 - Recipient Acquired Equipment or Facilities
 - Other Direct Costs
 - Itemized budget shall include documentation to support all
 - proposed costs.
- (5) Include a Project Schedule and Milestones;
- (6) Discuss how Reports will be provided; (At a minimum, the following reports are required under this effort: Presentation Materials, Final Report)
- (7) Identify key personnel;
- (8) Discuss proposed Management Approach;
- (9) Describe your organization's qualifications;
- (10) Describe your organization's past experience related to NDEP/STEM or PEP projects; and,
- (11) Include references from past grant-type instruments (grants/cooperative agreements/youth-cooperative-outreach-agreements).

B. Specific evaluation criteria are as follows:

- (1) Degree to which creative approaches to achieving the objectives of the NRL programs are proposed.
- (2) The offeror's ability to implement the proposed approach as demonstrated by specific accomplishments in similar projects, by the qualifications (including relevant experience) of the proposed key personnel, and availability of appropriate facilities.
- (3) The offeror's proximity to the target students.
- (4) Proposed cost and cost realism.

Criteria 1 through 3 are significantly more important than Criterion 4, and Criteria 1 through 3 are of equal value.

C. Proposal Information

- (1) Proposals in response to this announcement will be continuously accepted and evaluated from the date this announcement is published until 15 JUL 2016.
- (2) NRL reserves the right to reject all proposals if none are found suitable. Depending upon the availability of appropriated funds, NRL may: (1) Make multiple awards; or (2) Consider an offeror's options for multiyear projects.
- (3) Award Type: NRL anticipates awarding one or more cooperative agreements to qualifying institutions. The following regulations apply to Cooperative Agreements awarded under this FOA:
 - 2 CFR Part 220: Cost Principles for Educational Institutions (formerly OMB Circular A-21, source August 31, 2005)*
 - 2 CFR Part 225: Cost Principles for State, Local, and Indian Tribal Governments (formerly OMB circular A-87, source August 31, 2005)*
 - 2 CFR Part 230: Cost Principles for Nonprofit Institutions (formerly OMB circular A-122, source August 31, 2005)*
 - OMB Circular A-133: Audits of Institutions of Higher Education and Nonprofit Institutions (Revised June 27, 2003)*
- (4) Funding Profile: The Government anticipates that any cooperative agreement resulting from this FOA will be funded on an incremental basis, as provided in the cooperative agreement terms and conditions.
- (5) System for Award Management: Applicants are required to register in the System for Award Management (SAM) database prior to award of any cooperative agreement. Offerors may obtain information on registration and annual confirmation requirements by calling 1-866-606-8220 or via the Internet at www.SAM.gov.
- (6) Inquiries: For questions, email: Mr. Richard Sewell at Richard.sewell@nrlssc.navy.mil

(7) Representations and Certifications: Applicants shall complete and include in their proposals the additional representations and certifications provided as Attachment 1 to this document.

FUNDING OPPORTUNITY
ANNOUNCEMENT

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ATTACHMENT 1:

REPRESENTATIONS AND CERTIFICATIONS



Contracts & Grants

CERTIFICATION REGARDING RESTRICTIONS ON LOBBYING (Proposals Greater than \$100,000)

Proposal Title

Proposal Number and/or Date

Applicants should review the instructions for certification requirement under 32 CFR Part 28, "New Restrictions on Lobbying." 32 CFR Part 25, The certification shall be treated as a material representation of fact upon which reliance will be placed when the Office of Naval Research determines to award the covered transaction, grant, or cooperative agreement.

CERTIFICATION REGARDING LOBBYING ACTIVITIES

The following certification applies only to actions exceeding \$100,000:

Section 1352, Title 31, U.S.C. (PL 101-121, Section 319) entitled "Limitation on use of appropriated funds to influence certain Federal contracting and financial transactions."

(1) No Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S.C. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

As the duly authorized representative of the applicant, I hereby make the above certifications on behalf of the applicant.

Applicant Institution:

Taxpayer Identification Number (TIN):

Printed Name, Title and Signature of Authorized Representative: X

Date: _____



Proposal Title _____

Proposal Number and/or Date _____

Representation Regarding an Unpaid Delinquent Tax Liability or a Felony Conviction under Any Federal Law – DoD Appropriations

- (1) The applicant represents that it is ___ is not ___ a corporation that has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in timely manner pursuant to an agreement with the authority responsible for collecting the tax liability.
- (2) The applicant represents that it is ___ is not ___ a corporation that was convicted of a felony criminal violation under any Federal law within the preceding 24 months.

NOTE: If an applicant responds in the affirmative to either of the above representations, the applicant is ineligible to receive an award unless a Federal agency suspension and debarment official (SDO) has considered suspension or debarment and determined that further action is not required to protect the Government's interests. The applicant therefore should provide information about its tax liability or conviction to the agency's SDO as soon as it can do so, to facilitate completion of the required consideration before award decisions are made.

Representation Regarding the Prohibition on Using Funds under Grants and Cooperative Agreements with Entities that Require Certain Internal Confidentiality Agreements

By submission of its proposal or application, the applicant represents that it does not require any of its employees, contractors, or subrecipients seeking to report fraud, waste, or abuse to sign or comply with internal confidentiality agreements or statements prohibiting or otherwise restricting those employees, contractors, or subrecipients from lawfully reporting that waste, fraud, or abuse to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information. Note that, as applicable, the bases for this representation are the prohibition(s) as follow:

- a. Section 743 of the Financial Services and General Government Appropriation Act, 2015 (Division E of the Consolidated and Further Continuing Appropriations Act, 2015, Pub. L. 113-235)
- b. Section 101(a) of the Continuing Appropriation Act, 2016 (Pub. L. 114-53) and any subsequent FY2016 appropriations act that extends to FY2016 the same restrictions as are contained in section 743 of Division E, title VII of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub L. 113-235)
- c. Any successor provision of law on making funds available through grants and cooperative agreements to entities with certain internal confidentiality agreements or statements

The prohibitions stated above do not contravene requirements applicable to Standard Form 312, Form 4414, or any other form issued by a Federal department or agency governing the nondisclosure of classified information.