

PROGRAM ANNOUNCEMENT



DEPARTMENT OF DEFENSE

Research and Education Program for Historically Black Colleges and Universities and Minority-Serving Institutions (HBCU/MI)

Fiscal Year 2012

Broad Agency Announcement W911NF-12-R-0009



Issued by the Army Research Office (ARO)

on behalf of the

**Assistant Secretary of Defense for Research and Engineering
(Research Directorate/Basic Science Office)**

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Proposals Due: July 11, 2012

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I. OVERVIEW OF THE FUNDING OPPORTUNITY

A. Required Overview Content

1. Federal Agency Name(s)

This Department of Defense program will be administered through the Army Research Office (ARO), Office of Naval Research (ONR) and the Air Force Office of Scientific Research (AFOSR).

2. Funding Opportunity Title

Fiscal Year 2012 Department of Defense Research and Education Program for Historically Black Colleges and Universities and Minority-Serving Institutions (HBCU/MI)

3. Announcement Type

Initial Announcement

4. Research Opportunity Number

W911NF-12-R-0009

5. Catalog of Federal Domestic Assistance (CFDA) Number

12.630, Basic, Applied, and Advanced Research in Science and Engineering

6. Response Dates

All proposals must be received no later than 4:00 p.m. Eastern Time on Wednesday, July 11, 2012.

B. Additional Overview Information

Under authority of Section 252 of the National Defense Authorization Act for fiscal year 2010 (codified at 10 U.S.C. § 2362) and commensurate with defense appropriations for fiscal year 2012, the Department of Defense (DoD) announces the 2012 research and education program for Historically Black Colleges and Universities and Minority-Serving Institutions (HBCU/MI). The program is executed under policy and guidance of the Assistant Secretary of Defense for Research and Engineering (ASD(R&E)) and administered by the Army Research Office (ARO), the Office of Naval Research (ONR), and the Air Force Office of Scientific Research (AFOSR), hereafter called “the Agencies.”

The solicitation aims to (a) enhance research programs and capabilities in scientific and engineering disciplines critical to the national security functions of the DoD; (b) encourage greater participation by HBCU/MI in DoD research and education programs and activities; (c) increase the number of graduates, including underrepresented minorities, in the fields of science, technology, engineering and mathematics (STEM); and (d) encourage research and educational collaboration with other institutions of higher education.

Proposals are solicited in technical areas relevant to the DoD mission, particularly areas of scientific interest to the Agencies, which are available at the following web sites:

ARO: <http://www.arl.army.mil/www/default.cfm?page=29>. Select “Broad Agency Announcements,” then select ARO Core Broad Agency Announcement.

ONR: <http://www.onr.navy.mil>. Select “Contracts & Grants,” then select “Funding Opportunities,” then select “Broad Agency Announcements,” then select 12-001.

AFOSR: <http://www.afosr.af.mil>. Select “Funding Opportunities,” then select “Research Interest Brochure and Broad Agency Announcement 2011-1.

The documents referenced above provide detailed information about research topics of interest and technical points of contact (i.e., program managers) for each area. Principal investigators (PI) are encouraged to peruse these documents and consult program managers listed therein to explore areas of mutual interest.

NOTE: Use the above-referenced documents to identify research areas of interest to the Agencies. Disregard instructions contained therein regarding proposal preparation, content, and submission requirements. Instead, **follow the instructions in this DoD Broad Agency Announcement.**

II. DETAILED INFORMATION ABOUT THE FUNDING OPPORTUNITY

A. Funding Opportunity Description

Basic Research

There are no restrictions on the number of proposals allowed per eligible institution.

Research projects must be conducted by a **single PI** (no co-PIs from the same institution may be proposed) working within a traditional single-institution environment or in collaboration with an investigator at another accredited institution of higher education. Other researchers from the same institution must be listed as key personnel. Collaborations are not limited to other HBCUs or MIs; the proposing HBCU or MI may collaborate with any other institution of higher education. Any sub-award(s) to collaborating partners must not in the aggregate exceed 30 percent of the annual budget, excluding proposed equipment or instrumentation.

A discussion of collaborations, if any, must be included in the proposal. Provide the name and location of the collaborating institution, name and credentials of the collaborating investigator, and explain how the collaborator’s expertise will contribute to the proposed research. Likewise, collaborating investigators should describe their support of the project, including cost sharing where applicable, via a letter addressed to the PI. Such letter(s) must be included with the proposal but will be excluded from the page count. Letters of support, from organizations or individuals that will not participate in the project, will be counted in the 25-page limit.

PIs are encouraged to consider innovative approaches for their projects with a view toward enhancing the ability of their institution to develop stronger science and engineering programs

that will attract and retain good students, expose them to state-of-the-art research, and enable the institution to participate more competitively in defense research programs. Methods through which these goals can be achieved are as varied and diverse as the schools that will submit proposals. Factors such as geographical location, research capabilities, facilities and equipment are unique to each institution. Therefore, the DoD will not prescribe the structure for a research project; instead, it expects to receive proposals that reflect the unique needs and capabilities of each respective institution. The PI is required to have at least one but no more than two graduate students (includes post-doctoral) or qualified undergraduate students to assist with the research project on a part or full time basis.

All proposals will be evaluated on scientific merit and other criteria listed in this announcement.

B. Award Information

Through this competition, the DoD intends to award approximately \$25 million. All awards will be made by the ARO as project grants.

Research projects will be supported at a level up to \$150,000 per 12-month period for a total performance period of 36 months. If equipment or instrumentation is necessary to carry out the proposed research, it must be budgeted in the first 12-month period and shall not exceed \$200,000. Thus, a research proposal with equipment or instrumentation acquisition included may be valued up to \$650,000.

Sub-awards to a collaborating partner(s) are allowable for up to 30 percent of the annual budget.

C. Eligibility Information

1. Eligible Applicants

As provided in 10 U.S.C. § 2362, eligibility for this competition is open only to “covered educational institutions,” which are defined as:

- a. institutions of higher education eligible for assistance under Title III or V of the Higher Education Act of 1965 (20 U.S.C. 1051 et seq.); or
- b. accredited post secondary minority institutions.

Enrollments, accreditation, and other factors may affect an institution’s eligibility in any given year. With the exception of Historically Black Colleges and Universities (HBCUs) and Tribal Colleges and Universities (TCUs), which are statutorily exempt, in order to meet the eligibility criterion under “a” above, an institution must apply for eligibility designation from the Department of Education (DoEd) each year. A copy of the DoEd letter certifying eligibility for Title III or Title V assistance in FY 2012 is required for each proposal submitted under this BAA. The letter may be included with the proposal (**preferred**) or, alternatively, may be submitted to usarmy.rtp.aro.mbx.baa@mail.mil up to seven (7) days after this BAA’s closing date. **In all cases, the date of the eligibility letter is critical; it**

must be dated no later than the closing date of this BAA. The eligibility letter will not be included in the page count.

Please note that recruitment and selection procedures for students affected by an award under this solicitation must comply with Section 2000d of Title 42, United States Code, which provides:

No person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.

2. Cost Sharing or Matching

Cost sharing, matching, or cost participation is not required under this BAA.

3. Dun and Bradstreet Data Universal Numbering System (DUNS) Number and Central Contractor Registrations (CCR)

Each applicant (unless the applicant has an exception approved by the agency under 2 CFR 25.110(d)) is required to: (a) be registered in the CCR prior to submitting its application; (b) provide a valid DUNS number in its application; and (c) continue to maintain an active CCR registration with current information at all times during which it has an active Federal award or an application or plan under consideration by an agency.

An agency receiving an application may not make an award to the applicant until the applicant has complied with all applicable DUNS and CCR requirements. If an applicant has not fully complied with the requirements by the time the agency is ready to make an award, the agency may determine that the applicant is not qualified to receive an award and use that determination as a basis for making an award to another applicant.

D. Application and Submission Information

1. Address to View Broad Agency Announcement

Application forms and instructions are available at Grants.gov. To access these materials, go to <http://www.grants.gov>, select “Apply for Grants,” and then select “Download Application Package.” Enter the CFDA number, 12.630, Basic, Applied, and Advanced Research in Science and Engineering. You could also enter the funding opportunity number for this announcement, W911NF-12-R-0009.

2. Content and Form of Application Submission

All proposals must be submitted electronically through www.grants.gov in the format specified. Nonconforming proposals may be rejected without review. Any pages exceeding the 25-page limit will not be read.

Registration in Grants.gov must be accomplished prior to submitting an application through Grants.gov. In order to submit applications through Grants.gov, in addition to obtaining a Dun and Bradstreet Data Universal Numbering System (DUNS) number and registering in CCR (see Section 3 above), you must register with the credential provider, register with Grants.gov, and obtain approval for an Authorized Organization Representative (AOR) to submit applications on behalf of the organization. Go to http://www.Grants.gov/applicants/get_registered.jsp for further information. Use the Grants.gov Organization Registration Checklist, which may be accessed at <http://www.Grants.gov/assets/OrganizationRegCheck.pdf> to guide you through the process.

Questions relating to the registration process, system requirements, how an application form works, or the submittal process should be directed to Grants.gov at 1-800-518-4726 or support@grants.gov.

VERY IMPORTANT: In order to view, complete, and submit an application package, you may need to download the appropriate software packages. Go to http://www.Grants.gov/applicants/apply_for_grants.jsp for further information. Use the Grants.gov Organization Registration Checklist, which may be accessed to guide you through the process.

Applicants must complete the mandatory forms and any optional forms (e.g., SF-LLL Disclosure of Lobbying Activities) in accordance with the instructions on the forms and the additional instructions below. The required fields should be completed in accordance with the “pop-up” instructions on the forms. To activate the instructions, turn on the “Help Mode” (icon with the pointer and question mark at the top of the form). Files that are attached to the forms must be in Adobe Portable Document Form (PDF) unless otherwise specified in this announcement.

The following formatting rules apply for the file attachments except as indicated below:

- Paper size when printed – 8.5 x 11-inch white paper, one-sided
- Margins – 1 inch
- Spacing – single
- Font – No smaller than Times New Roman, 12 point font (excluding mandatory forms)
- Number of pages – 25: **The 25-page limit applies to the technical proposal which consists of the following: Project Summary/Abstract, Project Narrative; Facilities and Other Resources, and Equipment (all of which are described below), as well as any letters of support that an applicant chooses to submit.** Pages exceeding this limit will not be considered in the proposal evaluation.

The following forms and, as applicable, attachments are required for all proposals:

FORM: The SF 424 (R&R) (Mandatory) - The SF 424 (R&R) form is to be used as the cover page for all proposals. Complete this form first to populate data in other forms. By submitting an application through Grants.gov, the AOR (identified by username and

password) is providing an “electronic signature.” By “signing” the SF 424 (R&R), an applicant is providing the certification required by 32 CFR Part 28 regarding lobbying as contained in this BAA. If you encounter any problems, contact customer support at 1-800-518-4726 or at support@grants.gov. If you forget your user name or password, follow the instructions provided in the Credential Provider tutorial. Tutorials may be printed by right-clicking on the tutorial and selecting “Print.”

FORM: Research & Related Senior/Key Person Profile – Biographical sketches are required for the PI and for other key personnel (not to exceed three pages each). These will not be included in the page count. Please be sure to include education and associated years.

To attach biographical sketches, click “Add Attachment.”

FORM: Research & Related Other Project Information – Complete questions 1 through 6 and attach files for items 7 through 12, as applicable. The files **must** comply with the following instructions:

Project Summary/Abstract (Field 7 on the form) – The project summary/abstract **must** be a **single page** that provides a concise description of the proposed project, including objective(s) of the project, approaches to be utilized, anticipated outcomes, and the impact the project is expected to have on capabilities of the institution(s), on students, and on the DoD mission. It should identify the lead PI, collaborating institutions/investigators (if any), and other key personnel. **Pages in excess of the page limit will be removed from the evaluation of the proposal.** The project summary/abstract should indicate the technical area(s) relevant to the Agencies’ research interests (see “**Additional Overview Information** above) and **provide suggested proposal assignment information in the following format:**

- a. Lead Agency to evaluate the proposal: Specify Agency (ies)
- b. Scientific Division(s) or Directorate(s), if known, and
- c. Technical Area(s)/Program Officer(s), if known.

To attach a project summary/abstract, click “Add Attachment.”

Project Narrative (Field 8 on the form) – Select from below as applicable:

Narrative for Basic Research Proposal

- a. Describe in detail the research to be undertaken. State the objectives and approaches to be used and the relationship to the state of knowledge in the field and to comparable work elsewhere.
- b. Describe the nature of anticipated results and, if known, the manner in which the work will contribute to the DoD mission, particularly as it relates to the research interests of the Agencies.
- c. Describe the facilities available for performing the proposed research.

- d. Describe the involvement of undergraduate and graduate students in the research effort. Estimate the number of students who will be directly associated with the project.

To attach the project narrative, click “Add Attachment.”

Bibliography & References Cited (Field 9 on the form) – Include an appropriate bibliography and list of literature citations, if applicable.

To attach a bibliography, click “Add Attachment.”

Facilities and Other Resources (Field 10 on the form) – The applicant is to include a listing of facilities and other resources available to support the proposal. Any Government resources necessary for performance are to be clearly identified. Describe any additional facilities or resources that the institution proposes to acquire.

To attach facilities information, click “Add Attachment.”

Equipment (Field 11 on the form) – The applicant is to include a listing of equipment available to support the proposal. For each item of equipment or instrumentation requested in the budget, provide a rationale. Describe how each item will contribute to achieving the goals of the proposal and enhancing the research and/or educational capabilities of the institution. For example, will the equipment be available to other faculty members? Will the equipment be available for student research projects? Describe how the proposed equipment or instrumentation will interface with existing facilities or upgrade other equipment currently available. As applicable, also indicate (1) any special circumstances regarding the installation of the equipment (for example, will installation require plumbing or electrical upgrades? If so, this should be budgeted); (2) the estimated useful life of the equipment and the plan to service and maintain it, including source(s) of funds; and (3) if faculty members will require training for optimum use of the equipment (if so, this should be budgeted).

To attach equipment information, click “Add Attachment.”

Other Attachments (Field 12 on the form) – To include any other relevant attachments, click “Add Attachment.”

FORM: (R&R) Research & Related Budget – Complete Sections A through I and attach a budget justification in Section K. The budget justification should provide additional data (not included in Sections A through I) by element of cost, sufficient to meet the guidance provided below and ensure meaningful evaluation. The budget must define the period of performance (assume a proposed start date of December 19, 2012); the total cost of the project; and the amount and source(s) of project funding (i.e., funds requested from DoD; any funds provided under current grants or contracts with DoD or other federal agencies; and any non-federal funds that will be utilized for the project). The project costs must be shown in total as well as broken down by cost elements for each year of the program.

Use a separate Research & Related Budget form for each year. The Research & Related Budget-Cumulative Budget form will reflect the total costs. The following additional guidance is provided:

- a. Salary Costs: For all employees/labor categories, indicate the amount of time being charged to the proposed project (e.g., number of months) and show resulting costs based on current or projected salary and fringe benefits.
- b. Equipment: Describe any equipment to be acquired and the basis of cost estimates. Costs should be based on recent quotations from manufacturers or distributors and quotes should be included in the proposal.
- c. Travel: Identify any travel requirements associated with the proposed research and define its relationship to the project. List proposed destinations, cost estimate, and basis of cost estimate. Domestic travel must not exceed \$2,500 per year for the PI. Prior approval is required from the government Grants Officer and the Grants Officer Representative for foreign travel, which is limited to \$1,800 per year for the PI.

Travel for individuals other than the PI, including key personnel, postdoctoral associates, and graduate or undergraduate students, may be included if such travel is to a DoD facility, a professional technical meeting, or other venue that may enhance achievement of the research and educational objectives of the project.

- d. Student/Trainee Support Costs: Estimate stipends, fees, and health insurance for students, if applicable. Any requested travel costs must be consistent with the guidance under “Travel” immediately above.
- e. Consultants: Consultant costs will not be paid under this program.
- f. Other Direct Costs:

Materials and Supplies: Estimate costs of materials and supplies. List types of materials needed and costs. Provide basis for cost estimates to include quotes or websites that items will be purchased from.

Publication Costs: Estimate the costs of publishing and reporting research results.

Sub-award Costs: Provide a description of the work to be performed by sub-recipients and a detailed budget for each. For sub-award budgets, use the Research & Related Budget form or the Attachments form. Under Budget Type, select “Sub-award/Consortium.”

Equipment Rental/User Fees: Estimate anticipated direct costs such as rental for computers or other equipment and facility usage fees. Unusual or expensive items should be fully justified and include quotes.

Other: Add in other proposed direct costs (such as communications) under Other Direct Costs on the Research & Related budget form.

- g. Indirect Costs (Overhead, General and Administrative, and Other: Provide the most recent rates, dates of negotiations, the period to which the rates apply, and a statement identifying whether the proposed rates are provisional or fixed. If the rates have been negotiated by a Government agency, state when and by which agency. Include a copy of the current indirect rate agreement.
- h. Total Direct and Indirect Costs: Provide the total costs, year by year, and a cost summary for the entire proposed period.
- i. Cost Sharing or Matching: Cost sharing or matching is not required.

To attach the budget justification at Section K, click “Add Attachment.”

Note: Be sure that the total amount requested in the budget agrees with the amount entered in Block #16 of the Proposal Cover Page (Form SF 424 (R&R)).

FORM: Disclosure of Lobbying Activities (Standard Form LLL) – If applicable, this form must be completed. This form is applicable 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 application for a grant under this BAA.

3. Submission Dates and Times

Proposals must be received no later than 4:00 p.m. Eastern Time on Wednesday, July 11, 2012.

Applicants are responsible for submitting electronic proposals in sufficient time to allow them to reach Grants.gov by the time specified in this BAA. If the electronic proposal is received by Grants.gov after the exact time and date specified for receipt of offers, it will be considered “late” and will not be considered for review. Acceptable evidence to establish the time of receipt by Grants.gov includes documentary evidence of receipt maintained by Grants.gov.

Because of potential problems involving the applicants’ own equipment, to avoid the possibility of late receipt and resulting in ineligibility for award consideration, it is strongly recommended that proposals be uploaded at least two days before the deadline established in the BAA.

If an emergency or unanticipated event interrupts normal Government processes so that proposals cannot be received at the office designated for receipt of proposals by the exact time specified in the solicitation, and urgent Government requirements preclude amendment

of the solicitation closing date, the time specified for receipt of proposals will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

Proposal Receipt Notices – After a proposal is submitted to Grants.gov, the AOR will receive a series of three emails from Grants.gov. The first two emails should be received within 24 to 48 hours after submission. The first email will confirm receipt of the application by the Grants.gov system and the second will indicate that the application has either been successfully validated by the system prior to transmission to the grantor agency or has been rejected due to errors. A third email should be received once the agency has confirmed receipt of the proposal. The document, Tracking Your Application Package, located at <http://www.grants.gov/assets/TrackingYourApplicationPackage.pdf> explains this process. The proposal is not considered received until the AOR receives email #3.

4. Intergovernmental Review

Not Applicable

5. Funding Restrictions

None

6. Other Submission Requirements

An applicant may withdraw a proposal at any time before award by written notice or by email. Notice of withdrawal shall be sent to the Grants Officer identified in this BAA. Withdrawals are effective upon receipt of notice by the Grants Officer.

E. Application Review Information

1. Criteria

Primary evaluation criteria (of equal importance to each other) are:

- a. Scientific and technical merits of the proposed research.
- b. Potential contributions of the proposed research to the mission of the DoD and particularly to the research interests of the Agencies.
- c. Likelihood of the proposed project to develop new research capabilities or enhance existing research capabilities and to broaden the research base in support of national defense.
- d. Qualifications, capabilities, experience, and research accomplishments of the PI and other key personnel whose involvement is critical to achieving the objectives of the proposal.

Secondary evaluation criteria, of less importance than primary criteria but of equal importance to each other, are:

- e. The potential of the project to contribute to the education of future scientists and engineers in STEM disciplines critical to the defense mission, particularly in research areas of interest to the Agencies.
- f. The impact of past, present or proposed collaborative research and education activities with other colleges/universities.
- g. Budgetary realism and cost effectiveness of the proposal.

2. Review and Selection Process

Scientists and engineers of the Agencies will evaluate proposals according to the above criteria. The most meritorious proposals will be recommended for award. Approval of the recommendation is the authority of the Research Director of the ASD(R&E) Research Directorate/Basic Science Office.

3. Recipient Qualification

There is a pending Government-wide policy on the use of the Federal Awardee Performance and Integrity Information System (FAPIIS) in the award of grants that may affect the agencies' process for judging proposed recipients to be qualified to receive financial assistance awards (note that the current process and standards for a grants officer's determination of a recipient's qualification are described in the DoD Grant and Agreement Regulations, in subpart D of 32 CFR part 22). The policy will implement requirements of section 872 of the Duncan Hunter National Defense Authorization Act for Fiscal Year 2009 (Public Law 110 417). For additional background information, see the Supplementary Information section in OMB's proposal of the policy for comment, which appeared in the Federal Register on February 18, 2010 [75 FR 7316]. Note that the particulars of the proposed guidance may change when OMB issues the final guidance.

If the policy is finalized by OMB and implemented by DoD prior to the agencies' making of awards under this BAA, then we anticipate that:

a. Each agency grants officer, prior to making an award with a total amount of Federal funding greater than the simplified acquisition threshold, will be required to review and consider any information about the proposed recipient entity that is in FAPIIS (including any information entered either by a Federal Government official or the entity) before determining that the entity is qualified to receive the award;

b. An entity, at its option, may go to FAPIIS through the CCR web site (<http://www.ccr.gov>) at any time to comment on any information about itself that a Federal Government official previously entered and is currently in FAPIIS; and

c. The grants officer will consider any comments by the proposed recipient entity, in addition to the other information in FAPIIS, in making a judgment about the entity's integrity, business ethics, and record of performance under Federal awards that may affect the official's determination that it is qualified to receive an award.

F. Award Administration Information

1. Award Notices

Notification of selection of proposals will be e-mailed by ARO to successful applicants about mid December 2012. Unsuccessful applicants will be notified shortly thereafter.

The notification e-mail must not be regarded as an authorization to commit or expend funds. The Government is not obligated to provide any funding until a Government Grants Officer signs the grant award document.

Applicants whose proposals are recommended for negotiation of award will be contacted by a Grant Specialist to discuss additional information required for award. This may include representations and certifications, revised budgets or budget explanations, or other information as applicable to the proposed award. The award start date will be determined at this time. A grant document signed by the Government Grants Officer is the authorizing award document.

2. Administrative and National Policy Requirements

In compliance with provisions of 31 U.S.C. 6306 and with the intent of this program to enhance university capabilities in STEM education and research, title to instrumentation and equipment acquired under this solicitation will be vested with the university without further obligation to the government.

Certification Required for Grant Awards

The certification at Appendix A to 32 CFR Part 28 regarding lobbying is the only certification required at the time of proposal submission for a grant award. The certification is as follows:

“By signing and submitting a proposal that may result in the award of a grant exceeding \$100,000.00, the prospective awardee is certifying, to the best of his or her knowledge and belief, that:

(a) 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.

(b) 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 this 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.

(c) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, and subgrants, and contracts under grants, and loans, or 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. Code. Any person who fails to file the required certification shall be subject to a civil penalty or not less than \$10,000 and not more than \$100,000.00 for each such failure."

3. Reporting

Reporting requirements, including the types, frequency, preparation instructions, and submission procedures, will be specified in the award document. At a minimum, these will include financial and progress reports. A final report that summarizes the project and tasks will be required at the conclusion of the performance period for the award.

G. Agency Contacts

Questions regarding program policy should be directed to:

Evelyn Kent
Office of the Assistant Secretary of Defense for Research and Engineering
Evelyn.Kent@osd.mil

Questions regarding program execution and administration should be directed to:

Michael J. Caccuitto, III
Army Research Office
michael.j.caccuitto.civ@mail.mil

OR
Brendalyn D. Brown, Contractor
Army Research Office
Brendalyn.d.brown.ctr@mail.mil

Kam Ng
Office of Naval Research
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Edward Lee
Air Force Office of Scientific Research
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The Government Grants Officer is:

Vonetta Y. Goodson
Contracting and Grants Officer
US Army Contracting Command
Aberdeen Proving Ground
RTP Division
Vonetta.Y.Goodson.civ@mail.mil

H. Other Information

Proposals must not include any information that has been identified as classified national security information under authorities established in Executive Order 12958, Classified National Security Information.