

OVERVIEW INFORMATION

1. Federal Agency Name

Air Force Office of Scientific Research

2. Funding Opportunity Title

Fiscal Year 2013 University NanoSatellite Program

3. Announcement Type

This is the initial announcement

4. Funding Opportunity Number

AFOSR-BAA-2012-0006

5. Catalog of Federal Domestic Assistance (CFDA) Number

12.800

6. Response Dates

Proposals must be received by 4:00 PM EST, 16 October 2012

7. Additional Overview Content

The Air Force Office of Scientific Research (AFOSR) manages the basic research investment for the U.S. Air Force (USAF). As a part of the Air Force Research Laboratory (AFRL), AFOSR's technical experts foster and fund research within the Air Force Research Laboratory, universities, and industry laboratories to ensure the transition of research results to support USAF needs.

AFOSR announces a fiscal year 2013 competition for research to promote and sustain university research and education focused on small satellites (nanosats) and related technologies. The program description is found in Section I of this announcement. It is expected that multiple awards will be made.

AFOSR is seeking unclassified, fundamental research proposals that do not contain proprietary information.

It is anticipated that the awards will be made in the form of grants. AFOSR reserves the right to select and fund for award all, some, or none of the proposals in response to this announcement.

AFOSR will not issue paper copies of this announcement. AFOSR and partner agencies involved in this program reserve the right to select and fund for award all, some, or none of the proposals in response to this announcement. AFOSR and partner agencies provide no funding for direct reimbursement of proposal development costs. Any material submitted in response to this BAA will not be returned.

FULL TEXT OF ANNOUNCEMENT

I. Funding Opportunity Description

AFOSR, in conjunction with the AFRL Space Vehicles Directorate (AFRL/RV) announces a program to promote and sustain university research and education focused on small satellites (nanosats) and related technologies. The primary outcome of individual projects funded under this program is the design, fabrication and functional testing of a nanosat. Secondary objectives are to foster research in enabling technologies for nanosats and the design of experiments that can be performed by nanosats in orbit. Selected proposers will compete in a competition to recognize a small number of nanosats that have displayed the ability for space launch and operation. AFOSR and AFRL/RV may invite one or more nanosat project to submit a second proposal after the competition review. AFOSR and AFRL/RV will evaluate the second proposals using the same evaluation criteria listed in this BAA and subject to availability of funds may choose to award an additional 2 years of funding to prepare the nanosats for possible launch. AFRL/RV will work actively with program participants to promote space-worthy design and fabrication and to prepare selected nanosats for launch.

Teaming by a maximum of two universities is an acceptable option. In this case, each university must produce its own nanosat and must apply individually to AFOSR. Individual grants will be made to each university. The team of universities will share as a team the constraints of a single entry into the nanosat competition, thereby splitting available design space between team members. Each such proposal should detail the overall team objectives and the role of each university. One institution should be indicated as the Point of Contact (POC) for team operations.

In another example of two universities working together, one institution can serve as the POC for team operations and purchase a portion of the satellite, for instance, an instrument, from another university. In this case, only one grant will be issued.

Proposing universities may elect to design experiments to be performed (should there ultimately be a launch) on the nanosat, including the demonstration of novel space technologies. To determine which technologies and demonstrations are of interest to the participating agencies, contact Julie Moses at Julie.moses@afosr.af.mil. The incorporation of such technologies is not mandatory for proposals. However, this may affect one of the evaluation criteria. (See below).

For this program ‘nanosat’ will be used to indicate satellites having a mass of no more than 50 kg and with linear dimensions of 50x50x60 cm or less. Satellites may be in the CubeSat class of 1U, 2U, 3U, or 6U as well as the “mini-ESPA” class with max weight and dimensions listed above. These restrictions are chosen to maintain a focus on small ESPA-class satellites and CubeSats, to keep project costs reasonable and to facilitate the potential launch of the nanosat. It is anticipated that several awards will be made. The plan is to hold both the AFOSR solicitation and the competition on a two-year cycle.

II. Award Information

It is anticipated the awards will be made in the form of grants to universities. Therefore, applications submitted as a result of this announcement will fall under the Department of

Defense Grant and Agreement Regulations (DoDGARs). Each project will be funded at no more than \$55,000 per year for a maximum of two years. Collaborations with government agencies or industry are highly desirable.

III. Eligibility Information

- 1. Eligibility.** This competition is open only to, and full proposals are to be submitted only by, U.S. institutions of higher education (universities) including DoD institutions of higher education, with degree-granting programs in science and/or engineering. Proposals are encouraged from Historically Black Colleges and Universities and Minority Institutions (HBCU/MI). However, no funds are specifically allocated for HBCU/MI participation.
- 2. Cost Sharing.** Cost sharing is not required.

IV. Application and Submission Information

1. Address to Request Announcement Package – This announcement may be accessed from the Internet at the Grants.gov web site (<http://www.Grants.gov>). See ‘For Electronic Submission’ below.

2. Content and Form of Application Submission

Full Proposal format should be as follows:

- Paper Size - 8.5 x 11 inch paper
- Margins - 1 inch
- Spacing - single or double spaced
- Font - Times New Roman, 10 or 12 point
- Number of Pages - no more than twenty-five (25) single-sided pages of program description. NOTE: The SF 424 forms are not included in this 25 page limit. Pages in excess of the page limit will not be evaluated.

Full Proposal Submission: Content and Format of Applications

NOTE: Full Proposals may be submitted electronically via Grants.gov or in hardcopy form, but not both.

(1) Advance Preparation for Electronic Submission - Electronic proposals must be submitted through Grants.gov. There are several one-time actions your organization must have completed before it will be able to submit applications through Grants.gov. Well before the submission deadline, you should verify that the persons authorized to submit proposals for your organization have completed those actions. If not, it may take them up to 21 days to complete the actions before they will be able to submit applications.

The process your organization must complete includes obtaining a Dun and Bradstreet Data Universal Numbering System (DUNS) number, registering with the Central Contract Registry (CCR), registering with the credential provider, and registering with Grants.gov. (Designating an E-Business Point of Contact (EBiz POC) and obtaining a special password called MPIN are important steps in the CCR registration process.) Go to http://www.Grants.gov/applicants/get_registered.jsp. Use the Grants.gov Organization Registration Checklist to guide you through the process. The checklist is available as a PDF file on the web page. To submit a proposal to through Grants.gov, applicants will need to download Adobe Reader. This small, free program will allow you to access, complete, and submit applications electronically and securely. To download a free version of the software, visit the following web site: http://www.Grants.gov/help/download_software.jsp. Consult Grants.gov to ensure you have the required version of Adobe Reader installed. Should you have questions relating to the registration process, system requirements, how an application form works, the submittal process or Adobe Reader forms, contact Grants.gov at 1-800-518-4726 or support@Grants.gov for updated information.

(2) Submitting the Application

(a) For Electronic Submission – 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 follow the instructions. In the Grants.gov search function, enter the funding opportunity number for this announcement (AFOSR-BAA-2012-0006). In the Search Results, click on the Opportunity title: UNIVERSITY NANOSAT PROGRAM. On the next page, click on the box marked "Application" in the upper right hand corner of the page. Then click on 'download' under the heading 'Instructions and Application' to download the application package. You can also search for the CFDA Number 12.800, Air Force Defense Research Sciences Program. On the Selected Grant Applications for Download page, click on 'download' under the heading 'Instructions and Applications' to download the application package.

The funding opportunity will be listed. Select the Competition ID ‘NANOSAT’ to download the instructions and application.

All attachments to all forms must be submitted in PDF format (Adobe Portable Document Format). Grants.gov provides links to PDF file converters at their web site.

(b) For Hard Copy Submission – For hard copy submission, the original proposal and 10 copies must be delivered to the attention of the program manager at the Air Force Office of Scientific Research at the following address:

AFOSR (Attn: Dr. Julie Moses)
Air Force Office of Scientific Research
875 North Randolph Street, Room 3112
Arlington VA 22203

(c) SF 424 Research and Related (R&R)

The SF 424 (R&R) form must be used as the cover page for all electronic and hard copy proposals. No other sheets of paper may precede the SF 424 (R&R) for a hard copy proposal. A signed copy of the SF 424 (R&R) should be submitted with all hardcopy proposals. Complete all the required fields in accordance with the “pop-up” instructions on the form and the following instructions for the specified fields. To see the instructions, roll your mouse over the field to be filled out. You will see additional information about that field. For example on the SF 424 (R&R) the Phone Number field says 'PHONE NUMBER (Contact Person): Enter the daytime phone number for the person to contact on matters relating to this application. This field is required.' Mandatory fields will have an asterisk marking the field and will appear yellow on most computers. In Grants.gov, some fields will self populate based on the BAA selected. Please fill out the SF 424 first, as some fields on the SF 424 are used to auto populate fields in other forms. The completion of most fields is self-explanatory except for the following special instructions:

- Field 2: The Applicant Identifier may be left blank.
- Field 3: The Date Received by State and the State Application Identified are not applicable to research.
- Field 7: Complete as indicated. If Small Business is selected, please note if the organization is Woman-owned and/or Socially and Economically Disadvantaged. If the organization is a Minority Institution, select "Other" and under “Other (Specify)” note that you are a Minority Institution (MI).
- Field 9: List Air Force Office of Scientific Research as the reviewing agency. This field is pre-populated in Grants.gov.
- Field 16: Choose ‘No’. Check 'Program is Not Covered By Executive Order 12372'.
- Attachments: All attachments to all Grants.gov forms must be submitted in PDF format (Adobe Portable Document Format). To convert attachments into PDF format, Grants.gov provides a list of PDF file converters at http://www.Grants.gov/resources/download_software.jsp

A signed copy of the SF 424 (R&R) should be submitted with all hardcopy proposals.

(d) Certification – All awards require some form of certifications of compliance with national policy requirements. For assistance awards, i.e., grants and cooperative agreements, proposers using the SF 424 (R&R) are providing (in Field 17) the certification required by 32 CFR Part 28 regarding lobbying. (The full text of this certification may be found at <http://www.wpafb.af.mil/shared/media/document/AFD-070817-127.pdf>). If you have lobbying activities to disclose, you must complete the optional form SF-LLL, Standard Form – LLL, ‘Disclosure of Lobbying Activities’ in the downloaded Adobe forms package.

(e) Research and Related (R&R) Other Forms – The following other forms must be used for all electronic and hard copy proposals: R&R Senior/Key Person Profile form, R&R Project/Performance Site Locations form, R&R Other Project Information form and the R&R

Budget form. The R&R Subaward Budget Attachment Forms is required when subawardees are involved in the effort. The SF-LLL form is required when applicants have lobbying activities to disclose. PDF copies of all forms may be obtained at the Grants.gov website.

(f) R&R Senior/Key Person Profile Form – Complete the R&R Senior/Key Person Profile Form for those key persons who will be performing the research. Information about an individual is subject to the requirements of the Privacy Act of 1974 (Public Law 93 579). The information is requested under the authority of Title 10 USC, Sections 2358 and 8013. The principal purpose and routine use of the requested information are for evaluation of the qualifications of those persons who will perform the proposed research. Failure to provide such information will delay award. For the principal investigator and each of the senior staff, provide a short biographical sketch and a list of significant publications (vitae) and attach it to the R&R Senior/Key Person Profile Form.

(g) R&R Project/Performance Site Locations Form – Complete all information as requested.

(h) R&R Other Project Information Form – Human Subject/Animal Use and Environmental Compliance.

Human Subject Use. Each proposal must address human subject involvement in the research by addressing Field 1 and 1a of the R&R Other Project Information Form. If Field 1 indicates “Yes”, the Air Force must receive a completed OMB No. 0990-0263 form before a contract, grant, or cooperative agreement may be awarded to support research involving the use of human subjects. Attach the document to the R&R Other Project Information Form. If using Grants.gov, a completed OMB No. 0990-0263 form shall be attached in field 11 of the R&R Other Project Information Form. Refer any questions regarding human subjects to Stephanie Bruce of the AFOSR Directorate of Mathematics, Information and Life Sciences at stephanie.bruce@afosr.af.mil.

Animal Use. Each proposal must address animal use protocols by addressing Field 2 and 2a of the R&R Other Project Information Form. If selected for award, additional documentation in accordance with Air Force standards will be required. Refer any questions regarding human subjects to Stephanie Bruce of the AFOSR Directorate of Mathematics, Information and Life Sciences at stephanie.bruce@afosr.af.mil.

Environmental Compliance. Federal agencies making contract, grant, or cooperative agreement awards and recipients of such awards must comply with various environmental requirements. The National Environmental Policy Act of 1969 (NEPA), 42 U.S.C. Sections 4321-4370 (a), requires that agencies consider the environmental impact of “major Federal actions” prior to any final agency decision. With respect to those awards which constitute “major Federal actions,” as defined in 40 CFR 1508.18, federal agencies may be required to comply with NEPA and prepare an environmental impact statement (EIS) even if the agency does no more than provide grant funds to the recipient. Questions regarding NEPA compliance should be referred to the AFOSR legal staff at (703) 696-9705. Most research efforts funded by AFOSR will, however, qualify for a categorical exclusion from the need to prepare an EIS. Air Force instructions/regulations provide for a categorical exclusion for basic and applied scientific research usually confined to

the laboratory, if the research complies with all other applicable safety, environmental and natural resource conservation laws. Each proposal shall address environmental impact by filling in fields 4a through 4d of the R&R Other Project Information Form. This information will be used by AFOSR to make a determination if the proposed research effort qualifies for categorical exclusion.

Abstract - Include a concise (not to exceed 300 words) abstract that describes the research objective, technical approaches, anticipated outcome and impact of the specific research. In the header of the abstract include the program manager's name and directorate who should receive the proposal for consideration and evaluation. Attach the Abstract to the R&R Other Project Information form in field 6.

(i) R&R Other Project Information Form – Project Narrative Instructions

Project Narrative – Describe clearly the research including the objective and approach to be performed keeping in mind the evaluation criteria listed in Section V of this announcement. Also briefly indicate whether the intended research will result in environmental impacts outside the laboratory, and how the proposer will ensure compliance with environmental statutes and regulations. Attach the proposal narrative to R&R Other Project Information form in field 7.

Project Narrative - Statement of Objectives – Describe the actual research to be completed, including goals and objectives, on one-page titled Statement of Objectives. This statement of objectives may be incorporated into the award instead of incorporating the entire technical proposal. Active verbs should be used in this statement (for example, “conduct” research into a topic, “investigate” a problem, “determine” to test a hypothesis). It should not contain proprietary information.

Project Narrative – Impact. Describe clearly the expected impact of the research on the university, the appropriate field of science or engineering, and/or the DoD. Additionally, address the transformative potential of the research on current technologies, systems, methods, approaches, etc. The benefit(s) to the DoD and the ability of the basic (6.1) research to be transitioned to applied (6.2) research may be addressed in this section as well.

Project Narrative - Research Effort – Describe in detail the research to be performed. State the objectives and approach and their relationship and comparable objectives in progress elsewhere. Additionally, state knowledge in the field and include a bibliography and a list of literature citations. Discuss the nature of the expected results. The adequacy of this information will influence the overall evaluation. Proposals for renewal of existing support must include a description of progress if the proposed objectives are related.

Project Narrative – Principal Investigator (PI) Time. PI time is required. List the estimate of time the principal investigator and other senior professional personnel will devote to the research. This shall include information pertaining to other commitments of time, such as sabbatical or extended leave; and proportion of time to be devoted to this research and to other research. Awards may be terminated when the principal investigator severs connections with the organization or is unable to continue active participation in the research. State the number of

graduate students for whom each senior staff member is responsible. If the principal investigator or other key personnel are currently engaged in research under other auspices, or expect to receive support from other agencies for research during the time proposed for AFOSR support, state the title of the other research, the proportion of time to be devoted to it, the amount of support, name of agency, dates, etc. Send any changes in this information as soon as they are known. Submit a short abstract (including title, objectives, and approach) of that research and a copy of the budget for both present and pending research projects.

Project Narrative – Facilities. Describe facilities available for performing the proposed research and any additional facilities or equipment the organization proposes to acquire at its own expense. Indicate government-owned facilities or equipment already possessed that will be used. Reference the facilities contract number or, in the absence of a facilities contract, the specific facilities or equipment and the number of the award under which they are accountable.

Project Narrative – Special Test Equipment. List special test equipment or other property required to perform the proposed research. Segregate items to be acquired with award funds from those to be furnished by the Government. When possible and practicable, give a description or title and estimated cost of each item. When information on individual items is unknown or not available, group the items by class and estimate the values. In addition, state why it is necessary to acquire the property with award funds.

Project Narrative – Equipment. Justify the need for each equipment item. Additional facilities and equipment will not be provided unless the research cannot be completed by any other practical means. Include the proposed life expectancy of the equipment and whether it will be integrated with a larger assemblage of apparatus. If so, state who owns the existing apparatus.

Project Narrative – High Performance Computing Availability. Researchers that are supported under an AFOSR grant or contract, and meet certain restrictions, are eligible to apply for special accounts and participation in a full-spectrum of activities within the DOD high performance computing modernization program. This program provides, at no cost to the user, access to a range of state-of-the-art high performance computing assets and training opportunities that will allow the user to fully exploit these assets. Details of the capabilities of the program can be found at the following Internet address: <http://www.hpcmo.hpc.mil>. Researchers needing high performance cycles should address the utilization of this program to meet their required needs. AFOSR program managers will facilitate the establishment of accounts awarded.

(j) R&R Budget Form – Estimate the total research project cost. Categorize funds by year and provide separate annual budgets for projects lasting more than one year. In addition to the Research & Related Budget forms available on Grants.gov, the budget proposal should include a budget justification for each year, clearly explaining the need for each item. Applicants who enter a fee on Part J of the budget will not be eligible to receive a grant or cooperative agreement. Educational and Non-profit organizations shall submit a spending profile with their cost proposal. Attach the budget justification and/or spending profile to Section K of the R&R Budget form.

3. Other Submission Requirements

Submission by facsimile, e-mail or other electronic media will not be accepted. The proposal must be complete and self-contained to qualify for review.

4. Application Receipt Notices.

a. For Electronic Submission - The applicant's approved account holder for Grants.gov will receive a confirmation page upon completing the submission to Grants.gov. This confirmation page is a record of the time and date stamp that is used to determine whether the proposal was submitted by the deadline. After an institution submits an application, Grants.gov generates a submission receipt via email and also sets the application status to "Received". This receipt verifies the Application has been successfully delivered to the Grants.gov system. Next, Grants.gov verifies the submission is valid by ensuring it does not contain viruses, the opportunity is still open, and the applicant login and applicant DUNS number match. If the submission is valid, Grants.gov generates a submission validation receipt via email and sets the application status to "Validated". If the application is not validated, the application status is set to "Rejected". The system sends a rejection email notification to the institution and the institution must resubmit the application package. Applicants can track the status of their application by logging in to Grants.gov.

A proposal received after the deadline is "late" and will not be considered for an award. Proposals received after 4:00 PM EDT on 16 OCT 2012 are considered late and will not be considered.

b. For Hard Copy Submission – An applicant that submits a hard copy proposal to AFOSR will receive an email from the agency approximately ten days after the proposal due date to acknowledge receipt of the proposal and provide the agency's assigned tracking number. The email is sent to the authorized representative for the applicant institution. A hard copy proposal received at an agency's listed mailing address after the deadline is "late" and will not be considered for an award, except for cases in which there is acceptable evidence to establish that the proposal:

- a. Was delivered to the agency and was under the agency's control prior to the deadline: or
- b. Was sent to the agency's listed mailing address by the U.S. Postal Service Express Mail three or more business days prior to the date specified for the receipt of the proposals. The term "business days" excludes weekends and U.S. federal holidays.

Both the electronic and hard copy proposers will be notified by letter or e-mail that the proposal has been received by AFOSR approximately ten days after the due date.

5. Submission Dates and Time – Full proposals must be received at AFOSR by 4:00 PM, EDT, 16 OCT 2012, whether submitted electronically or in hard copy.

For electronic submission, the proposal must be validated by the Grants.gov to indicate that the Grants.gov has received and kept the submission. Should the site of Grants.gov not be

operational on the due date and is unable to receive the proposal, the deadline is extended to the same time of the first day when the site is in operation.

For hard copy submission, in case the operation of the agency is interrupted and unable to receive the proposal, the deadline is extended to the same time of the first day when the agency is in operation.

Proposals received late will **not** be considered for the Nanosat program competition.

V. Application Review Information

Proposals submitted under this BAA are evaluated through a peer or scientific review process. Grant/assistance instrument awards will be evaluated using merit-based competitive procedures according to DoDGARS 32 C.F.R Sec 22.315. Proposals may be evaluated by program managers at EOARD/AOARD and the appropriate AFRL Technology Directorates. Employees of commercial firms under contract to the Government may be used to administratively process proposals. These support contracts include nondisclosure agreements prohibiting their contractor employees from disclosing any information submitted by other contractors.

1. Evaluation Criteria

Proposals shall be evaluated under two principal selection criteria, of equal importance, as follows:

1. Technical merits of the proposed research and development; and
2. Potential relationship of the proposed research and development to DoD missions.

Other evaluation criteria used in the technical reviews, which are of lesser importance than the principal selection criteria and of equal importance are:

1. Educational impact (both undergraduate and graduate) of the project;
2. Experience of critical personnel;

Additional administrative information regarding submission of applications is contained in Section VIII below. The technical and cost information will be analyzed simultaneously during the evaluation process.

2. Review Process

Full proposals will be evaluated by a scientific review process involving personnel at the appropriate AFRL technology Directorates and by outside evaluators retained by AFOSR.

3. Selection Process

Full proposals will be selected on a competitive basis by a panel of experts from AFRL after consideration of the recommendation of the scientific reviews.

VI. Award Administration Information

1. Award Notices.

Should your proposal be selected for award, the principal investigator will receive a letter from the Technical Directorate stating this information. This is not an authorization to begin work. Your business office will be contacted by the grant or contracting officer to negotiate the terms of your award.

2. Reporting Requirements.

Grants typically require annual and final technical reports, financial reports, and final patent reports. Copies of publications and presentations should be submitted.

Additional deliverables may be required based on the research being conducted.

VII. Agency Contacts

Should you have questions about a technical research area, contact the program manager Dr. Julie Moses at (703-696-9586) or Julie.Moses@afosr.af.mil. Should you have questions about the BAA or procedures for submission of a proposal, contact afosr.baa@afosr.af.mil.

VIII. Other Information

1. The cost of proposal preparation in response to this Announcement is not considered an allowable direct charge to any resulting award. Such cost is, however, an allowable expense to the normal bid and proposal indirect cost specified in FAR 31.205-18, or OMB Circular A-21, Cost Principles for Educational Institutions or OMB Circular A-122, Cost Principles for Nonprofit Organizations.

2. Every effort will be made to protect the confidentiality of the proposal and any evaluations. The proposer must mark the proposal with a protective legend as indicated in paragraph IV.2. above.

3. Offerors are advised that employees of commercial firms under contract to the Government may be used to administratively process proposals. These support contracts include nondisclosure agreements prohibiting their contractor employees from disclosing any information submitted by other contractors.

4. Only contracting or grants officers are legally authorized to bind the government.
5. The AFOSR website is available at <http://www.wpafb.af.mil/AFRL/afosr/>.
6. Responses should reference Broad Agency Announcement AFOSR BAA 2012-0006.
7. Prospective awardee shall be registered in the CCR database prior to award, during performance, and through final payment of any award resulting from this announcement. Offerors may obtain information on registration and annual confirmation requirements via the Internet at <http://www.ccr.gov> or by calling 1-888-227-2423, or 269-961-5757.
8. AFOSR expects the performance of research funded by this announcement to be fundamental. DoD Directive 5230.24 and DoD Instruction 5230.27 define contracted fundamental research in a DoD context as follows:

“Contracted Fundamental Research. Includes [research performed under] grants and contracts that are (a) funded by budget Category 6.1 ("Research"), whether performed by universities or industry or (b) funded by budget Category 6.2 ("Exploratory Development") and performed on-campus at a university. The research shall not be considered fundamental in those rare and exceptional circumstances where the 6.2-funded effort presents a high likelihood of disclosing performance characteristics of military systems or manufacturing technologies that are unique and critical to defense, and where agreement on restrictions have been recorded in the contract or grant.”

9. Marking of Proposals - AFOSR is seeking proposals that do not contain proprietary information. If proprietary information is submitted, AFOSR will make every effort to protect the confidentiality of the proposal and any evaluations. However, under the Freedom of Information Act (FOIA) requirements, such information (or portions thereof) may potentially be subject to release. If protection is desired for proprietary or confidential information, the proposer must mark the proposal with the protective legend as follows:

- (1) Mark the title page with the following legend:

This proposal includes data that shall not be disclosed outside the Government and shall not be duplicated, used, or disclosed -- in whole or in part -- for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this offeror as a result of -- or in connection with -- the submission of this data, the Government shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Government's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in sheets [*insert numbers or other identification of sheets*]; and

- (2) Mark each sheet of data it wishes to restrict with the following legend:

Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal.

10. If the American Institute of Aeronautics and Astronautics (AIAA) sponsors a competition, it does not imply a DoD endorsement of AIAA as an organization or an endorsement of any other AIAA events.

11. Federal Awardee Performance and Integrity Information System (FAPIIS)

There is a 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' processes for judging proposed recipients to be qualified to receive financial assistance awards. The policy implements 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 [FR 7316]. Note that the particulars of the proposed guidance may change when OMB issues the final guidance.

12. AFOSR Policy on No Cost Extensions (NCE's)

AFOSR grants NCE's only in situations in which the extension is truly warranted and properly documented. AFOSR Agency Specific Requirements, 1 July 2008, which are incorporated into every AFOSR grant by reference, require prior written approval "to extend the period of performance, without additional funds, beyond the expiration date of the grant." For an extension to be granted, Articles 2 and 15 of the AFOSR Specific Requirements indicate recipients are to provide notice "in writing and with the supporting reasons and revised expiration date at least thirty (30) days prior to the expiration of the award." In no event will the period of performance be extended merely for the purpose of using unobligated balances. Institutions should make every effort to ensure work is completed on time. If an institution deems an NCE is truly warranted, it should submit its request for an extension and supporting reasons to the relevant Program Manager.

13. Ombudsman

An ombudsman has been appointed to hear and facilitate the resolution of concerns from offerors, potential offerors, and others for this acquisition. When requested, the ombudsman will maintain strict confidentiality as to the source of the concern. The existence of the ombudsman does not affect the authority of the program manager, contracting officer, or source selection official. Further, the ombudsman does not participate in the evaluation of proposals, the source selection process, or the adjudication of protests or formal contract disputes. The ombudsman may refer the party to another official who can resolve the concern.

Before consulting with an ombudsman, interested parties must first address their concerns, issues, disagreements, and/or recommendations to the grants officer for resolution. Consulting an ombudsman does not alter or postpone the timelines for any other processes (e.g., agency level bid protests, GAO bid protests, requests for debriefings, employee-employer actions, contests of OMB Circular A-76 competition performance decisions).

If resolution cannot be made by the grants officer, concerned parties may contact the Center/MAJCOM ombudsman,

Ombudsman: Ms. Barbara G. Gehrs, HQ AFRL/PK, Wright-Patterson AFB OH

Telephone: (937) 904-4407, Email: Barbara.Gehrs@wpafb.af.mil.

Concerns, issues, disagreements, and recommendations that cannot be resolved at the Center/MAJCOM level, may be brought by the concerned party for further consideration to the Air Force ombudsman, Associate Deputy Assistant Secretary (ADAS) (Contracting), SAF/AQC, 1060 Air Force Pentagon, Washington DC 20330-1060, phone number (703) 588-7004, facsimile number (703) 588-1067.

(d) The ombudsman has no authority to render a decision that binds the agency.

(e) Do not contact the ombudsman to request copies of the solicitation, verify offer due date, or clarify technical requirements. Such inquiries shall be directed to the grants officer.

14. Grant Payment Process

Effective 1 November 2011, the Air Force Office of Scientific Research no longer sets up automatic payments for Grants to educational and nonprofit recipients. Therefore, all Grantees must access Wide Area Workflow (WAWF) and complete WAWF's Standard Form (SF) 270, Request for Advance or Reimbursement, for payment. Grantees should submit SF 270s as expenses occur; however, Grantees should have no more than one month cash on hand at any given time.

Each Grantee must register with WAWF at <https://wawf.eb.mil>. To begin the registration process, click on the accept button at the bottom of the page. WAWF will display the login page with a block for new users with hyperlinks to instructions for "Pre-registration for Vendors" and the actual registration link.

Please note that each Grantee must be registered in CCR and have an Electronic Business Point of Contact set up to approve new registrations within their Institution. Each Grantee will also need to set up a Group Administrator (GAM) to register their CAGE Code and DUNS number, in addition to setting up an organizational email address for email notification from WAWF advising on the status of vouchers submitted for payment. The Grantee will also need to

contact the WAWF Help Desk to register their CAGE code within the WAWF system. WAWF Help Desk information is available at the WAWF web site.

(3) If you encounter any problems with your WAWF registration please click on "Vendor Customer Support" in the blue bar at the bottom of the login page. This link will provide phone numbers and an email address to the WAWF Help Desk.

(4) Please direct questions regarding changes in the invoicing process to Dorothy Howe at 703-588-8618 or Dorothy.Howe@afosr.af.mil. Please direct all WAWF questions to Vendor Customer Support.

15. Prohibition Against Contracting with Corporations that have an Unpaid Delinquent Tax liability or Felony Conviction under Federal Law

Offerors should be aware that: OUSD (AT&L) DPAP Memo, Class Deviation, 23 Jan 12

Class Deviation 2012-00004 http://www.acq.osd.mil/dpap/dars/class_deviations.html precludes Contracting Officers from awarding FY12 funds to any corporation that has an unpaid delinquent tax liability or felony conviction under Federal law. This requirement, applicable to contracts and requiring a certificate from offerors, has not yet been implemented for grants. However, because Public law 112-74 does include grants, it is anticipated that OMB guidance for grant implementation will occur during the period this BAA is active.