

IARPA

BROAD AGENCY ANNOUNCEMENT



**IARPA-Wide Research
Broad Agency Announcement**

IARPA-BAA-16-07

Release Date: May 3, 2016

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1. OVERVIEW

Federal Agency Name	Intelligence Advanced Research Projects Activity (IARPA)
Funding Opportunity Title	IARPA-Wide Research (Seedlings)
Announcement Type	Initial Announcement
Funding Opportunity Number	IARPA-BAA-16-07
Dates	May 3, 2016 - May 2, 2017 NOTE: Offerors are highly encouraged to submit at any time throughout the open available time of this BAA. Offers will be accepted at all times during the period the BAA is open.
Anticipated Individual Awards	Multiple awards are anticipated.
Types of instruments that may be awarded	Procurement contracts will be the primary award instrument. However, the Government Contracting Officer, at his/her sole discretion, reserves the right to negotiate other appropriate award instruments, which may include grants, cooperative agreements, or other transactions.
Agency Point of Contact <i>(Not for submissions, see Section 3.4)</i>	(not for proposal submissions, for submission information see Section 3.4) Intelligence Advanced Research Projects Activity Office of the Director of National Intelligence ATTN: IARPA-BAA-16-07 Washington, DC 20511 Fax: 301-851-7673 Electronic mail: dni-iarpa-baa-16-07@iarpa.gov
IARPA Website	http://www.iarpa.gov/index.php/about-iarpa/

BAA Summary – IARPA is soliciting proposals for research on topics that are not addressed by emerging or ongoing IARPA programs or other published IARPA solicitations. The BAA primarily, but not solely, seeks proposals for early stage research (which IARPA refers to as “seedlings”).

General Information – All administrative or contractual questions about this BAA should be transmitted to dni-iarpa-baa-16-07@iarpa.gov. If e-mail is not available, fax questions to 301-851-7673, Attention: IARPA-BAA-16-07. All questions must include the name, e-mail address, and phone number of the requestor. Do not send questions with proprietary content. IARPA will accept questions until two weeks before the closing date of this BAA. Consolidated questions and answers will be periodically posted on the Federal Business Opportunities (FedBizOpps) website

(<https://www.fbo.gov/>) and linked to the IARPA website (<http://www.iarpa.gov>); answers will not be sent directly to the requestor.

2. FULL TEXT OF ANNOUNCEMENT

2.1. Funding Opportunity

The Intelligence Advanced Research Projects Activity (IARPA) often selects its research efforts through the Broad Agency Announcement (BAA) process. The BAA will appear first on the FedBizOpps website, <http://www.fedbizopps.gov>, and then a link to the FedBizOpps BAA will be placed on the IARPA website at <http://www.iarpa.gov>. The following information is for those wishing to respond to this BAA.

IARPA invests in high-risk, high-payoff research that has the potential to provide our nation with an overwhelming intelligence advantage. This BAA solicits abstracts/proposals for IARPA. A summary of topics of interest is described below by technical area:

a. Anticipatory Intelligence

Anticipatory intelligence focuses on characterizing and reducing uncertainty by providing decision makers with timely and accurate forecasts of significant global events. This BAA solicits research that explores or demonstrates the feasibility of revolutionary concepts that may deliver real-time indications and warning, in context, to support rapid, nuanced understanding by intelligence consumers. Research areas of particular interest in anticipatory intelligence include (in no particular order):

- Detection and forecasting of emergent phenomena (e.g., application of technical innovation and its adoption, novel cyber-attack methods, emerging infectious diseases).
- Automated generation and maintenance of taxonomies (e.g., scientific taxonomies, socio-political event taxonomies) across multiple facets. For example, research disciplines, applications, and methods could be different facets of a scientific taxonomy.
- Analysis and forecasting of rare events (e.g., catastrophic military conflicts, terrorist attacks, and pandemics).
- Quantitative risk assessments of emerging dual-use technologies.
- Causal inference from observational data.
- Methods for assessing capability and intent to develop weapons of mass destruction (WMD). This research area includes:
 - Data and methods to forecast technical progress towards development of critical sub-components of a WMD capability;
 - Data and methods to detect and/or forecast major policy shifts of foreign governments, especially with respect to development of WMD.
- Methods for assessing capability and intent to leverage cyber capabilities against U.S. critical infrastructure.

b. Analysis

Analysis focuses on maximizing insights from the massive, disparate, unreliable and dynamic data that are – or could be – available to analysts, in a timely manner. IARPA is pursuing

new sources of information from existing and novel data, and developing innovative techniques that can be utilized in the processes of analysis. Analysis research efforts are diverse across technical disciplines but have the following common features: (a) they create technologies that can earn the trust of the analyst user by providing the reasoning for results; and (b) they address data uncertainty and provenance explicitly.

The following analysis topics (in no particular order) are of interest:

- Reliable, real-time feedback methods for assessing human judgment and reasoning;
- Discovering, tracking and categorizing emerging trends, events, and entities;
- Forensics on multimedia and/or social network data;
- Methods for analyzing, reconciling, and managing massive, multimodal, dynamic and diverse data;
- Enhancement of machine learning methods with transparent representations that allow for validation and high confidence in results;
- Methods to generate high resolution geospatial models or 4D geospatial/temporal models from multimodal data;
- Alternative computing regimes and data sharing environments that would facilitate multi-INT processing and asynchronous trusted collaboration;
- Dynamic means to expose and enhance unprocessed data and interim and/or alternative analytic products across domains and/or represent cascade effects of new information on existing models;
- Scalable and adaptable behavioral network science methods to organize information optimally for analytic effectiveness;
- Scalable cross-media anomaly detection and/or discovery methods to identify data and patterns resulting from distinct or novel causal processes;
- Methods for detecting and countering intentionally misleading information;
- Methods to rapidly identify, assess relevancy and reliability of, and/or exploit emerging or alternative sources of information or methods;
- Novel graph analytic techniques for representing, reasoning, and learning from massive or sparsely sampled heterogeneous data;
- Novel approaches to identify and assess persistent or shifting socio-cultural norms and/or effective methods to counter or influence attitudes, behavior or messaging;
- Autonomous agent, machine learning and/or physiological intelligence methods to gather latent or suppressed knowledge;
- Human language technologies to assist analysts with triage of massive quantities of data;

- Scalable and adaptable behavioral network science methods to organize information optimally for analytic effectiveness;
- Scalable anomaly detection and discovery methods to identify data and patterns resulting from distinct or novel causal processes;
- Methods for distinguishing and countering intentionally misleading information in heterogeneous communication networks;
- Financial market data analyses to complement current intelligence sources and methods;
- Computational social policy;
- Inference and privacy;
- Brain-inspired algorithms and architectures for artificial intelligence and machine learning;
- Brain computer interfaces to enhance cognitive processing or increase bandwidth of human-machine interactions;
- Rigorous mathematical or probabilistic research on state-of-the-art, or novel techniques for improving the understanding of machine learning that leads to significant progress in generalization and repeatability of learning algorithms in applications involving big data mining or high volume data streams;
- Multi-Sensor (2D-3D) alignment, data extraction and reasoning focusing on emerging commercial satellites; and
- Cyber geospatial analytics to include Geoinferencing, spatial temporal data mining, IP geolocation, new cyber facility discovery, cyber activity prediction.

c. Operations

Research in operations focuses on the IC's ability to operate freely and effectively in an often hostile and increasingly interdependent and resource-constrained environment. While some of our challenges stem from adversary activity, others emerge coincidentally with changes in technology or business practices. Research efforts are most often not application-specific, but concentrate instead on creating the foundations of a powerful and robust infrastructure for the IC that can maintain its integrity over time. This BAA solicits research that explores or demonstrates the feasibility of revolutionary concepts in computation, trust establishment and maintenance, and detecting and deflecting hostile intent.

The following operations topics (in no particular order) are of interest:

- Computational methods, architectures, and/or algorithms based on models other than digital Turing machines and/or platforms other than CMOS whose attributes are matched to efficient or secure solution of intelligence problems (e.g., optical, analog, biomolecular, neuromorphic, quantum, and hybrid computing systems);

- Novel ideas for technologies enabling energy-efficient computation beyond the efficiency projected for end-of-roadmap silicon, as well as strategies for using existing computing technologies to compute with lower power budgets;
- Design tools for non-traditional computing architectures/technologies and non-traditional materials;
- Robotized research methods;
- Approaches to operating securely with imperfect equipment, error-prone users, compromised components, and/or within an environment of unknown trustworthiness. Constructing systems that can perform reliable and secure computations when some fraction of their components is unreliable or insecure;
- New techniques and applications for algebraic statistics and software development for algebraic statistics with an emphasis on user interface;
- New algorithms and techniques that take advantage of quantum entanglement to perform tasks (excluding quantum annealing) that are inefficient or impossible with classical algorithms and/or current platforms;
- Methods (including compilers and programming languages) for performing complicated computations securely, e.g. multi-party secure functional computation, full homomorphic encryption (HE) and HE applications, but with low overhead;
- Detection, classification, and mitigation of attempts by adversaries to compromise safety and security, including, but not limited to penetration and manipulation of electronic infrastructure; and
- Assurance techniques that take advantage of emergent enterprise architectural constructs, e.g. software-defined networking, multi-tenancy, and virtual hosting.

d. Collection

The goal of collections research is to dramatically improve the value of collected data from all sources by developing new sensor and transmission technologies, new collection techniques that more precisely target desired information, and means for collecting information from previously inaccessible sources. In addition, IARPA pursues new mechanisms for combining information gathered from multiple sources to enhance the quality, reliability, and utility of collected information.

The following collection-related topics (in no particular order) are of interest:

- Innovative methods or tools for identifying and/or creating novel sources of new information. Sensor technologies that dramatically improve the reach, sensitivity, size, weight, power and duration for collection of broad signal or signature types;
- Methods for combining different measures and/or sensors to improve performance and accuracy of systems;
- Approaches for assessing and quantifying the ecological-validity of behavioral, neuro- and social science research;

- Innovative approaches to gain access to denied environments;
- Secure communication to and from collection points;
- Tagging, Tracking, and Location (TTL) techniques;
- Electrically small antennas and other advanced radio frequency (RF) concepts;
- Innovative means and methods to ensure the veracity of data collected from a variety of sources;
- Automated methods for sensor data fusion without predefined interface descriptions;
- Approaches to enable signal collection systems to conduct more effective targeted information acquisition rather than bulk collection; and
- Tools to identify and mask signal streams and records that contain personal information to avoid unauthorized collection and dissemination;
- Space systems and remote sensing technologies, including geospatial intelligence, signals intelligence, and measurement and signature intelligence;
- Computational photography;
- Autonomous systems and associated technology enablers in control and sensing;
- Activity based intelligence;
- Distributed sensing techniques.

This BAA seeks research ideas for topics that are not addressed by emerging or ongoing IARPA programs or other published IARPA solicitations. It is primarily, but not solely, intended for early stage research (i.e., seedlings), that may lead to larger, focused programs through a separate BAA in the future, so periods of performance generally will not exceed 12 months.

Offerors should demonstrate that their proposed effort has the potential to make revolutionary, rather than incremental, improvements to intelligence capabilities. Research that primarily results in evolutionary improvement to the existing state of practice is specifically excluded.

2.2. Award Information

Multiple awards are anticipated under this BAA. Awards generally will be for a period of performance of 12 months or less. Resources made available under this BAA will depend on the quality of the proposals received and the availability of funds.

The Government reserves the right to select for negotiation all, some, one, or none of the proposals received in response to this solicitation and to make awards without discussions with offerors. The Government also reserves the right to conduct discussions if it determines them to be necessary. IARPA reserves the right to accept proposals in their entirety or to select only portions of proposals for negotiations for award. In the event that IARPA desires to award only portions of a proposal, negotiations may be opened with that offeror. The Government also reserves the right to segregate portions of resulting awards into pre-priced options.

Awards under this BAA will be made to offerors on the basis of the evaluation criteria listed in Section 4.3, portfolio balance, and the availability of funds. Proposals identified for negotiation may result in a procurement contract, grant, cooperative agreement, or other transaction agreement (OTA). The Government reserves the right to negotiate the type of award instrument it determines appropriate under the circumstances.

The Government will contact offerors whose proposals are selected for negotiation for award to obtain additional information required for award. The Government may establish a deadline for the close of fact-finding that allows a reasonable time for the award of a contract. Offerors that are not responsive to the Government-established deadlines communicated with the request may be removed from award consideration. Offerors may also be removed from award consideration should the parties fail to reach agreement on contract terms, conditions, or cost and price within a reasonable time.

2.3. Eligibility

All responsible sources capable of satisfying the Government's needs may submit a proposal. Historically Black Colleges and Universities (HBCUs), Small Businesses, Small Disadvantaged Businesses and Minority Institutions (MIs) are encouraged to submit proposals and join others in submitting proposals; however, no portion of this announcement will be set aside for these organizations' participation due to the impracticality of reserving discrete or severable areas for exclusive competition among these entities.

Other Government Agencies (OGA); Federally Funded Research and Development Centers (FFRDCs); University Affiliated Research Centers (UARC)s; Government Military Academies (GMAs); Government-Owned, Contractor-Operated (GOCO) facilities; and other similar types of organizations that have a special relationship with the Government that gives them access to privileged or proprietary information, or access to Government equipment or real property, are not eligible to submit proposals under this BAA or participate as team members under proposals submitted by eligible entities.

If an offeror believes that its idea requires the use of a unique capability that resides in an OGA, FFRDC, UARC, GMA, or GOCO facility, the offeror should describe the capability and how it intends to use it to accomplish the proposed objectives, specify the organization where it resides and a point of contact, and explain why it is not otherwise available from the private sector.

If, upon review of the proposal, IARPA determines that the identified capability is not unique, the proposal will not be favorably reviewed. It is incumbent upon the offeror to conduct due diligence in assuring that the capability does not exist in the private sector. If IARPA decides to select the proposal for negotiation of award, IARPA will negotiate a binding arrangement directly with the OGA, FFRDC, UARC, GMA, or GOCO facility. Award will be contingent upon IARPA's ability to reach agreement with the OGA, FFRDC, UARC, GMA, or GOCO facility. Note that this paragraph applies only to this particular IARPA BAA (IARPA-BAA-16-07).

Foreign participants and/or individuals may participate to the extent that such participants comply with any necessary Non-Disclosure Agreements, Security Regulations, Export Control Laws and other governing statutes applicable under the circumstances.

2.4. Organizational Conflicts of Interest (OCI)

"Organizational conflict of interest" means that because of other activities or relationships with other persons, a person is unable or potentially unable to render impartial assistance or advice

to the Government; or the person's objectivity in performing the contract work is or might be otherwise impaired; or, a person/company has an unfair competitive advantage (real or perceived).

If a prospective offeror, or any of its proposed subcontractor teammates, believes that a potential conflict of interest exists or may exist (whether organizational or otherwise), the offeror should promptly raise the issue with IARPA and submit a notification by e-mail to the mailbox address for this BAA at dni-iarpa-baa-16-07@iarpa.gov. All notifications must be submitted through the offeror, regardless of whether the notification addresses a potential OCI for the offeror or one of its subcontractor teammates. A potential conflict of interest includes but is not limited to any instance where an offeror, or any of its proposed subcontractor teammates, is providing either scientific, engineering and technical assistance (SETA) or technical consultation to IARPA.

In all cases, the offeror shall identify the contract under which the SETA or consultant support is being provided. Without a waiver from the IARPA Director, neither an offeror, nor its proposed subcontractor teammates, can simultaneously provide SETA support or technical consultation to IARPA and compete or perform as a performer under this solicitation.

All facts relevant to the existence of the potential conflict of interest, real or perceived, should be disclosed in the notification. The notification should also include a proposed plan to avoid, neutralize or mitigate such conflict. The offeror, or subcontractor teammate as appropriate, shall certify that all information provided is accurate and complete, and that all potential conflicts, real or perceived, have been disclosed. It is recommended that an offeror submit this notification as soon as possible after release of the BAA before significant time and effort are expended in preparing a proposal. If, in the sole opinion of the Government, after full consideration of the circumstances, a conflict exists which cannot be resolved or waived, any proposal submitted by the offeror that includes the conflicted entity will be excluded from consideration for award.

As part of their proposal, offerors who have identified any potential conflicts of interest shall include either an approved waiver signed by the IARPA Director, an IARPA determination letter stating no conflict of interest exists, or a copy of their notification. Otherwise, offerors shall include in their proposal a written certification that neither they nor their subcontractor teammates have any potential conflicts of interest, real or perceived. A certification template is provided in Appendix A.

If, at any time during the solicitation or award process, IARPA discovers that an offeror has a potential conflict of interest, and no notification has been submitted by the offeror, IARPA reserves the right to immediately exclude the proposal from further consideration for award.

Offerors are strongly encouraged to read "Intelligence Advanced Research Projects Activity's (IARPA) Approach to Managing Organizational Conflicts of Interest (OCI)", found on IARPA's website at http://www.iarpa.gov/IARPA_OCI_081809.pdf.

2.5. U.S. Academic Institutions

According to Executive Order 12333, as amended, paragraph 2.7, "Elements of the Intelligence Community are authorized to enter into contracts or arrangements for the provision of goods or services with private companies or institutions in the United States and need not reveal the sponsorship of such contracts or arrangements for authorized intelligence purposes. Contracts or arrangements with academic institutions may be undertaken only with the consent of appropriate officials of the institution."

It is highly recommended that offerors submit with their proposal a completed and signed Academic Institution Acknowledgement Letter for each U.S. academic organization that is a part of their team, whether the academic organization is serving in the role of prime contractor, subcontractor, or consultant at any tier of their team. A template of the Academic Institution Acknowledgement Letter is enclosed in this BAA at Appendix B. It should be noted that an appropriate senior official from the institution, typically the President, Chancellor, Provost, or other appropriately designated official must sign the completed form. Although not required for the proposal, this Letter **must** be received before IARPA can enter into any negotiations with any offeror when a U.S. academic institution is part of its team.

2.6. Cost Sharing

Cost sharing is not required and is not an evaluation criterion; however, cost sharing will be carefully considered and may be required where there is an applicable statutory or regulatory condition relating to the selected award instrument.

3. APPLICATION AND SUBMISSION

This notice comprises the complete BAA and contains all information required to submit a proposal.

The typical proposal should express an effort in support of one or more related technical concepts or ideas. If the proposed effort is inherently divisible and nothing is gained from the aggregation, offerors should consider submitting it as multiple independent efforts. Disjointed efforts should not be included in a single proposal. Tasks in all proposals should be clearly differentiated and plainly labeled. Associated costs for each task should be specified. Proposals not meeting the format described in the BAA may not be reviewed.

Classified abstracts and proposals are permitted but must conform to the security classification guide under which the work is to be performed. See Section 3.4.1 for guidance on submitting classified abstracts and proposals.

3.1. Application Process

Offerors are strongly encouraged to adhere to the following process when preparing a proposal for this BAA:

1. [Recommended] Engage with Program Manager(s) via email, telephone call, or meeting; then
2. [Recommended] Submit Abstract; then
3. [Required] Submit Proposal.

This process is intended to minimize unnecessary effort in proposal preparation and review.

3.1.1. [Recommended] Engage with Program Managers

In order to avoid the preparation and review of proposals that are poorly aligned with IARPA's mission, and therefore unlikely to be selected for negotiation for award, offerors are **strongly encouraged** to discuss their idea with the Program Manager(s) whose interests are aligned with their proposed concept through informal communications by email, telephone calls, or face-to-face meetings. The technical areas of interest of each Program Manager and their contact information can be found at <http://www.iarpa.gov/index.php/our-program-managers>. The offeror should identify the topic to be discussed in the e-mail request. IARPA Program Managers

will limit their communications with prospective offerors to conceptual questions, which allow the Program Managers to determine whether IARPA would be interested in pursuing the capability/technology.

3.1.2. [Recommended] Submit Abstract

Offerors are encouraged to submit a five-page abstract describing their proposed research as their first formal submittal to IARPA before preparing a full proposal. (See Section 3.2 for abstract preparation instructions.) IARPA will review the abstract and provide comments which may be useful if the offeror decides to prepare a full proposal. IARPA will acknowledge receipt of the abstract and assign a control number that should be used in all further correspondence regarding the abstract. The offeror will be notified whether IARPA is interested in receiving a full proposal. Regardless of IARPA's response to a proposal abstract, offerors may submit a full proposal.

3.1.3. [Required] Submit Proposal

All proposals will first be reviewed against the criteria set forth in Section 4.2, "Initial Proposal Review," to determine whether the proposals are relevant to IARPA's mission. If it is determined that a proposal is not relevant to the IARPA mission, the proposal will not be considered further for award. Upon determination that a proposal is relevant to the IARPA mission, the proposal will then be evaluated, in accordance with Section 4.3, "Proposal Evaluation." Neither prior discussions with offerors regarding their proposed idea nor comments resulting from the review of an abstract submitted prior to the offeror's submission of a proposal will be considered in the proposal's evaluation. IARPA will respond to a proposal submission with a statement as to whether or not it has been selected for negotiation for award. Selection remains contingent on the evaluation criteria in Section 4.3, portfolio balance and the availability of funds. Proposal preparation instructions are provided in Section 3.3 below.

3.2. Abstract Format (5 Page Limit)

The offeror shall articulate the innovative concept, the technical path to its realization, milestones for progress along the path, and an estimate of the resources that will be required to achieve the proposed objectives. The cover sheet shall be clearly marked "PROPOSAL ABSTRACT" and the total length shall not exceed five (5) pages, excluding the cover page and an official transmittal letter. All pages shall be written in English and formatted to be printable on 8-1/2 by 11 inch paper, and IARPA desires that the font size not be smaller than 12 point. IARPA desires that the font size for figures, tables and charts not be smaller than 10 point. All contents must be clearly legible to the unaided eye. Excessive use of small font, for other than figures, tables, and charts or unnecessary use of figures, tables and charts to present abstract information may render the abstract non-compliant. The page limit includes all figures, tables, and charts. Foldout pages shall not be used. Neither Academic Institution Acknowledgement Letters nor OCI waiver/certifications is required for abstract submissions. Abstracts that do not conform to these requirements may be rejected without review.

3.3. Proposal Format

All proposals submitted to this BAA must include a Preamble, a Technical and Management section whose length is limited to fifteen (15) pages, and a concise Cost section.

All proposals must be written in English and formatted to be printable on 8-1/2 by 11 inch paper, and IARPA desires that the font size not be smaller than 12 point. Tables, charts, graphs,

diagrams and figures shall be used wherever practical to depict organizations, systems and layout, implementation schedules, plans, etc. IARPA desires that the font size for figures, tables and charts not be smaller than 10 point. All proposal contents must be clearly legible to the unaided eye. Excessive use of small font, for other than figures, tables, and charts or unnecessary use of figures, tables and charts to present proposal information may render the proposal non-compliant. Foldout pages shall not be used. The page limit includes all figures, tables, and charts.

Proposals that do not conform to these requirements may be rejected without review.

3.3.1. Preamble

The Preamble includes a cover sheet; transmittal letter; signed Academic Institution Acknowledgement Letter(s), if required; and OCI certification, determination, or notification. The cover sheet must contain the following:

- (1) BAA number
- (2) Technical Area
- (3) Lead organization submitting proposal
- (4) Type of business, selected from among the following categories: “LARGE BUSINESS”, “SMALL DISADVANTAGED BUSINESS”, “OTHER SMALL BUSINESS”, “HBCU”, “MI”, “OTHER EDUCATIONAL”, or “OTHER NONPROFIT”
- (5) Contractor’s internal reference number (if any)
- (6) Other team members (if applicable) and type of business for each
- (7) Proposal title
- (8) Technical point of contact to include: title, first name, last name, street address, city, state, zip code, telephone, fax (if available), e-mail (if available)
- (9) Administrative point of contact to include: title, first name, last name, street address, city, state, zip code, telephone, fax (if available), e-mail (if available)
- (10) IP rights have been addressed in accordance with Section 3.3.2.10? Yes/No
- (11) OCI waiver, IARPA determination stating no conflict of interest exists, or notification included? Yes/No
 - ♦ If no OCI, a written certification must be included (see OCI letter template at Appendix A).
- (12) Are one or more U.S. Academic Institutions part of your team? Yes/No
 - ♦ If Yes, are you including an Academic Institution Acknowledgement Statement with your proposal for each Academic Institution that is part of your team? Yes/No
- (13) Total funds requested from IARPA and the amount of cost share (if any)
- (14) Date proposal was submitted

A concise bibliography and copies of up to three references that place the proposed work in context may be included in the preamble and will not count against the length restrictions of the Technical and Management Section.

3.3.2. Technical and Management Section (15 Page Limit)

The Technical and Management section is limited to fifteen (15) pages. The Technical and Management section includes an Intellectual Property Appendix (see Section 3.3.2.10) that is

limited to three (3) pages. The Intellectual Property Appendix does not count against the 15-page limit for the Technical and Management section of the proposal.

3.3.2.1. Heilmeier Questions

Successful proposals will concisely and completely answer the following questions, broadly known as the Heilmeier questions:

1. What are you trying to do?
2. How is it done at present? Who does it? What are the limitations of present approaches?
3. What is new about your approach? Why do you think that you can be successful at this time?
4. If you succeed, what difference will it make?
5. How long will it take? How much will it cost? How will you evaluate progress during and at the conclusion of the effort? (i.e., what are your proposed milestones and metrics?)

3.3.2.2. Statement of Work (SOW)

The proposal should articulate a statement of work with clearly defined technical tasks including, for each:

- ♦ the expected duration (generally not to exceed 12 months);
- ♦ interdependencies;
- ♦ resource requirements;
- ♦ explicit tasks;
- ♦ a product, event, or quantifiable milestone that defines its completion (i.e. exit criterion);
- ♦ the primary organization responsible for its execution; and
- ♦ deliverables to be provided to the Government.

Do not include proprietary information in the statement of work.

3.3.2.3. Management Plan

A concise summary of the offeror's management plan that identifies and describes:

- ♦ key personnel (with short biographies);
- ♦ subcontractor and consulting relationships;
- ♦ facilities;
- ♦ previous accomplishments; and
- ♦ relevant Government contracts is required.

3.3.2.4. Key Personnel Summary

A table of key personnel and significant contributors including names, organizations, roles, task assignments, and required time commitments shall be included.

3.3.2.5. Government Activity Efforts

If the proposed work has been submitted to another Government agency for funding, the date of submission and a point of contact at the corresponding agency must be identified.

3.3.2.6. *Government Furnished Equipment (GFE), Information (GFI) or Property (GFP)*

Information or equipment that needs to be provided by the Government for the effort to be successful shall be clearly delineated and justified. Offerors must identify and describe any data sources to be utilized or gathered in pursuit of the proposed research goals, and must explain clearly how the data selected will be an appropriate and adequate set for exploring the research topic being proposed.

3.3.2.7. *Data Sources*

Offerors proposing to use existing data sets must certify that all data were obtained in accordance with U.S. laws and, where applicable, are in compliance with End User License Agreements, copyright laws, Terms of Service, and laws and policies regarding privacy protection of U.S. Persons.

Offerors proposing new data sets must ensure the data sets comply with U.S. laws and, where applicable, with the documentation required in Section 5.3. In addition, offerors must ensure these data sets comply, where applicable, with End User License Agreements, copyright laws, Terms of Service, and laws and policies regarding privacy protection of U.S. Persons. Offerors shall identify any restrictions on the use or transfer of data sets being used, and, if there are any restrictions, the potential cost to the Government to obtain at least Government Purpose Rights (as defined in section 3.3.2.10) in such data sets.

The Government reserves the right to reject a proposal that does not appropriately address data issues.

3.3.2.8. *Security Plans*

A security plan demonstrating the appropriate handling and protection of classified information commensurate with the proposed classification level is required if classified work is proposed. A security plan is not required for unclassified research. Contact the IARPA Security Officer at (301) 851-7580 if you require guidance.

3.3.2.9. *Human Use*

All proposals which include research involving human subjects, to include use of human biological specimens and human data, must comply with Section 5.3.

3.3.2.10. *Intellectual Property/Data Rights Appendix (3 Page Limit)*

The Government requires at a minimum Government Purpose Rights for all deliverables; anything less will be considered a weakness in the proposal. “Government Purpose Rights” means the rights to use, modify, reproduce, release, perform, display, or disclose technical data and computer software within the Government without restriction; and to release or disclose technical data and computer software outside the Government and authorize persons to whom release or disclosure has been made to use, modify, reproduce, release, perform, display, or disclose that data or software for any United States Government purpose. United States Government purposes include any activity in which the United States Government is a party, including cooperative agreements with international or multi-national defense organizations, or sales or transfers by the United States Government to foreign governments or international organizations. Government purposes include competitive procurement, but do not include the rights to use, modify, reproduce,

release, perform, display, or disclose technical data or computer software for commercial purposes or authorize others to do so.

Offerors shall describe their proposed approach to intellectual property rights, together with supporting rationale for why this approach is in the Government's best interest. This shall include all proprietary claims to the results, prototypes, intellectual property or systems supporting and/or necessary for the use of the research, results, and/or prototype, and a brief explanation of how the offerors may use these materials in their program.

If the offeror asserts limited or restricted rights in any deliverable or component of a deliverable, the proposal must (1) identify and explain any and all restrictions on the Government's ability to use, modify, reproduce, release, perform, display, or disclose such deliverables and (2) identify the potential cost associated with the Government obtaining Government Purpose Rights in such deliverables. Proposals that do not include this information may not be reviewed by the Government.

Offerors shall identify all commercial technical data and/or computer software that may be embedded in any noncommercial deliverables contemplated under the research effort, along with any applicable restrictions on the Government's use of such commercial technical data and/or computer software. If offerors do not identify any restrictions, the Government will assume that there are no restrictions on the Government's use of such deliverables. Offerors shall also identify all noncommercial technical data and/or computer software that it plans to generate, develop and/or deliver under any proposed award instrument in which the Government will acquire less than unlimited rights. If the offeror does not submit such information, the Government will assume that it has unlimited rights to all such noncommercial technical data and/or computer software. Offerors shall provide a short summary for each item (commercial and noncommercial) asserted with less than unlimited rights that describes the nature of the restriction and the intended use of the intellectual property in the conduct of the proposed research.

Offerors shall include their description of their intellectual property approach in an Intellectual Property Appendix to their submission which must not exceed three (3) pages. This Intellectual Property Appendix does not count against the 15-page limit on the Technical and Management section of the proposal.

IARPA recognizes the definitions of intellectual property rights in accordance with the terms as set forth in the Federal Acquisition Regulation (FAR) Part 27 or in this BAA. If offerors propose intellectual property rights that are not defined in FAR Part 27 or in this BAA, offerors must clearly define such rights in their proposal.

In addition, offerors shall provide a good faith representation that they either own or possess appropriate licensing rights to all intellectual property that will be used for the IARPA program.

3.3.3. Cost Section

A succinct cost proposal is required. The purpose of this section is to establish whether the offeror has fully analyzed its budget requirements, assess that the proposed budget is appropriate to accomplish the proposed work in accordance with the proposed schedule, and determine cost/price realism and reasonableness. Additional information and supporting data may be required during negotiation of an award.

The cost section must have a cover sheet with the following:

- (1) BAA number
- (2) Technical area
- (3) Lead organization submitting proposal
- (4) Type of business, selected from among the following categories: "LARGE BUSINESS", "SMALL DISADVANTAGED BUSINESS", "OTHER SMALL BUSINESS", "HBCU", "MI", "OTHER EDUCATIONAL", or "OTHER NONPROFIT"
- (5) Contractor's internal reference number (if any)
- (6) Other team members (if applicable) and type of business for each
- (7) Proposal title
- (8) Technical point of contact to include: title, first name, last name, street address, city, state, zip code, telephone, fax (if available), e-mail (if available)
- (9) Administrative point of contact to include: title, first name, last name, street address, city, state, zip code, telephone, fax (if available), and e-mail (if available)
- (10) Award instrument requested: cost-plus-fixed-fee (CPFF), cost-contract—no fee, cost sharing contract – no fee, grant, cooperative agreement, other transaction or other type of procurement contract (specify)
- (11) Place(s) and period(s) of performance
- (12) Total proposed cost separated by basic award period and option period(s) (if any)
- (13) Name, address, telephone number of the offeror's Defense Contract Management Agency (DCMA) administration office or equivalent cognizant contract administration entity, if known
- (14) Name, address, telephone number of the offeror's Defense Contract Audit Agency (DCAA) audit office or equivalent cognizant contract audit entity, if known
- (15) Date proposal was submitted
- (16) DUNS number
- (17) TIN number
- (18) Cage Code
- (19) Proposal validity period [minimum of 90 days]

The proposed cost of the effort should identify expenditures by task for:

- ♦ direct labor;
- ♦ labor category;
- ♦ subcontracts;
- ♦ consultants;
- ♦ materials;
- ♦ travel;
- ♦ other direct charges; and
- ♦ profit or fee.

Educational institutions and non-profit organizations, as defined in FAR part 31.3 and 31.7, respectively, at the prime and subcontractor level may use OMB-guided accounting methods that are used by their institutions to estimate the direct labor portion of the cost proposal. The methodology must be clear and provide sufficient detail to substantiate proposed labor costs. For example, each labor category must be listed separately; identify key personnel; and provide hours/rates or salaries and percentage of time allocated to the project.

Subcontracts and major equipment purchases shall be itemized with rationale supporting their relationship to the program's objectives.

If the offeror asserts limited or restricted rights in any deliverable or component of a deliverable, the cost proposal must separately identify the estimated cost associated with the Government obtaining Government Purpose Rights in such deliverables (reference sections 3.3.2.7 and 3.3.2.10).

Projected funding requirements by month, the source, nature and amount of cost sharing (where proposed), and identification of the pricing assumptions for the proposed award instrument are required.

Offerors that request an 'other transaction' award instrument must include a list of payment milestones with a description, exit criterion, due date, and payment amount (to include, if cost share is proposed, contractor and Government share amounts) for each. Payable milestones shall relate directly to accomplishment of quantifiable technical milestones in the proposal.

Consultant letter(s) of commitment shall be attached to the cost proposal and estimated costs shall be included in the cost estimates.

3.4. Submission Details

Abstracts and proposals may be submitted throughout the period that this BAA remains open. Offerors are encouraged to submit early and at any time up to 5:00 PM Eastern time on 2 May 2017. Abstracts will not be accepted after this date. Proposals will not be accepted after this date unless the proposal's abstract was submitted prior to the deadline and the offeror received a written exception from the Government. A new deadline will be provided to the offeror in those cases. **Offerors are encouraged to submit at any time throughout the open available time of the BAA. Offers will be accepted at all times during the dates of the open BAA.**

Unclassified abstracts and proposals must be submitted electronically through the IARPA Distribution and Evaluation System (IDEAS). (Refer to Section 3.4.1 for instructions on how to submit a classified abstract or proposal.) **Offerors interested in providing a submission in response to this BAA must first register by electronic means in accordance with the instructions provided at <https://iarpa-ideas.gov>.** Failure to register as stated will prevent the offeror's submission of documents.

After registration has been approved, offerors should upload abstracts or proposals, along with any supporting documents, in '.pdf' format. Any pricing information will be in Microsoft Excel format (.xls). Offerors are responsible for ensuring abstracts and proposals are compliant with this BAA and final submission meets the BAA submittal deadlines. Time management to upload and submit is wholly the responsibility of the offeror.

Upon completing the abstract or proposal submission, the offeror will receive an automated confirmation email from IDEAS. Please forward that automated message to dni-iarpa-baa-16-07@iarpa.gov. IARPA strongly suggests that the offeror document the submission of its proposal package by printing the electronic receipt (time and date stamped) that appears on the final screen following compliant submission of an abstract or proposal to the IDEAS website.

Abstracts and proposals submitted by any means other than the Proposal Submission Website at <https://iarpa-ideas.gov> (e.g., hand-carried, postal service, commercial carrier, e-mail, etc.) will not be considered unless the offeror attempted and failed to electronically submit its

abstract/proposal prior to the BAA submittal deadline or the proposal is classified or contains a classified addendum and the delivery method has been coordinated in advance (see section 3.4.1).

If the offeror attempted to electronically submit its abstract/proposal before the BAA deadline and was unsuccessful, the offeror must employ the following procedure to be considered. The offeror must send an e-mail to dni-iarpa-baa-16-07@iarpa.gov prior to the BAA submittal deadline and indicate that an attempt was made to submit electronically but that the submission was unsuccessful. This e-mail must include contact information for the offeror. Additional guidance will be provided.

Offerors are solely responsible for ensuring timely delivery of their abstracts and proposals. FAILURE TO COMPLY WITH THESE SUBMISSION PROCEDURES MAY RESULT IN THE SUBMISSION NOT BEING EVALUATED.

3.4.1. Security

The Government anticipates that abstracts and proposals submitted under this BAA will be unclassified. Offerors choosing to submit a classified abstract or proposal must first receive permission from the Original Classification Authority to use their information in replying to this BAA. Applicable classification guide(s) should be submitted to ensure that the abstract or proposal is protected appropriately.

For classified submissions, contact the IARPA Security Office at 301-851-7580 for further guidance and instructions prior to writing or transmitting classified information to IARPA. Offerors choosing to submit a classified abstract or proposal are reminded that the proposal deadline remains the same regardless of whether the offeror's abstract or proposal, in whole or in part, is classified. Additional processing time may be required if all or part of a submission is classified. Offerors must have approved capabilities (personnel, facilities, and automated information systems) at the classification level they propose to perform their research and development existing and in place prior to award.

Further security classification guidance will not be provided at this time since IARPA is soliciting ideas only. After reviewing the submitted proposals, if a determination is made that an award may result in access to classified information, a security classification guide will be issued and attached as part of the award.

4. ABSTRACT / PROPOSAL REVIEW INFORMATION

4.1. Abstract Review

IARPA will acknowledge receipt of the abstract and assign a control number that should be used in all further correspondence regarding the abstract. Submitted abstracts will be reviewed for compliance with the BAA submission guidelines. Abstracts that fail to comply with these guidelines may result in the submission not being reviewed. IARPA will prepare comments back to the offeror which may be useful if the offeror decides to prepare a full proposal. IARPA will provide the offeror comments on the abstract, along with notification as to whether IARPA is interested in receiving a full proposal. Regardless of IARPA's response to the abstract, offerors may submit a full proposal.

4.2. Initial Proposal Review

IARPA will perform an initial review of each proposal to determine whether it is relevant to IARPA's mission. IARPA will consider the following factors in determining whether a proposal is relevant to its mission:

- Whether the proposal aligns with IARPA's research model;
- Whether the proposal fits within the research mission of IARPA;
- Whether the proposal has the potential to lead to a future research program that could provide the U.S. with an overwhelming intelligence advantage;
- Whether the proposal has a period of performance that will generally not exceed 12 months; and
- Whether the proposal is not addressed by emerging or ongoing IARPA programs or other published IARPA solicitations.

If IARPA determines that a proposal is not relevant to the IARPA mission, the proposal will not be considered further for award.

4.3. Proposal Evaluation

Upon determination that a proposal is relevant to the IARPA mission, the proposal will then be evaluated, in order of descending importance, for Overall Scientific and Technical Merit, Contribution to IARPA Mission, Effectiveness of the Proposed Work Plan, Relevant Experience and Expertise, and Resource Realism. There is no common statement of work for this announcement. Therefore, proposals will not be evaluated against other proposals responding to the announcement.

4.3.1. Overall Scientific and Technical Merit

The technical approach is credible, innovative, and concisely delineated with a clear assessment of primary risks and means to mitigate them. Innovation will be judged in the context of the current state of the art.

4.3.2. Contribution to the IARPA Mission

The proposed work aligns with IARPA's research model, fits within the mission of IARPA, has a period of performance that will generally not exceed 12 months, and has the potential to lead to a future research program that could provide the U.S. with an overwhelming intelligence advantage. The proposal clearly articulates quantitatively substantiated answers to each of the Heilmeier questions cited above. The proposed approach to intellectual property rights is in the best interest of the Government.

4.3.3. Effectiveness of the Proposed Work Plan

The work plan is efficient, in that it is targeted to demonstrate concept feasibility as quickly and cost effectively as possible. The offeror's approach to achieving quantifiable milestones is explicitly described and substantiated. The milestones are clearly defined and logically support decisions by the offeror or the Government. The proposed schedule is realistic and critical paths are identified. The roles and relationships among team members are balanced and transparent, and the time commitments from key personnel are sufficient. Requirements for timing and delivery of Government Furnished Property, Equipment, or Information (GFP, GFE, or GFI) are clearly delineated.

4.3.4. Relevant Experience and Expertise

The offeror's capabilities, related experience, facilities, techniques, or unique combination of these which are integral for achieving the proposal's objectives will be evaluated. In addition, the offeror's qualifications, capabilities, and experiences of the principal investigator and key personnel will be evaluated against the proposal objectives.

4.3.5. Resource Realism

The proposed resources are well justified and consistent with the unique technical approach and methods of performance described in the offeror's proposal. Proposed resources reflect a clear understanding of the project, a perception of the risks and the ability to organize and perform the work. The labor hours and mix are consistent with the Technical and Management proposal and are realistic for the work proposed. Material, equipment, software, data collection and travel, especially foreign travel, are well justified, reasonable and required for successful execution of the proposed work.

IARPA recognizes that undue emphasis on cost may motivate offerors to offer low-risk ideas with minimum uncertainty and to staff the effort with junior personnel in order to be in a more competitive posture. IARPA discourages such strategies and encourages approaches such as innovative management concepts that maximize direct funding for technology and limit diversion of funds into overhead.

OFFERORS ARE CAUTIONED THAT EVALUATION RATINGS MAY BE LOWERED OR PROPOSALS REJECTED IF SUBMITTAL INSTRUCTIONS ARE NOT FOLLOWED.

4.4. Evaluation and Selection Process

IARPA's policy is to ensure impartial, equitable, comprehensive proposal evaluations and to select the source (or sources) whose offer meets the Government's technical, policy and programmatic goals. Qualified Government personnel will conduct reviews and may convene panels of experts in the appropriate areas.

Proposals will only be evaluated against the evaluation criteria described in Section 4.3, portfolio balance, and availability of funds, and will not be evaluated against other proposals because they are not submitted in accordance with a common work statement.

The Government intends to use employees of Booz Allen Hamilton, SCITOR Corporation, TASC, Vencore, Welkin Associates, BRTRC Federal Solutions, OPS Consulting, LLC and Telecommunications Systems Inc. (TCS) working under IARPA SETA contracts to assist in administering the evaluation of the proposals. These personnel will have signed and be subject to the terms and conditions of non-disclosure agreements. By submission of its proposal, an offeror agrees that its proposal information may be disclosed to employees of Booz Allen Hamilton, SCITOR Corporation, TASC, Vencore, Welkin Associates, BRTRC Federal Solutions, OPS Consulting, LLC, and TCS for the limited purpose stated above. Offerors who object to this arrangement must provide clear notice of their objection as part of their transmittal letter. If offerors do not include a notice of objection to this arrangement in their transmittal letter, the Government will assume consent to the use of contractor support personnel in assisting the review of submittal(s) under this BAA.

Only Government personnel will make evaluation and award determinations under this BAA. Selections for award will be made on the basis of the evaluation criteria listed in Section 4.3, portfolio balance, and the availability of funds. Selections for award will not be made to offeror(s) whose proposal(s) are determined to be not selectable.

4.5. Negotiation and Contract Award

Award of a contract is contingent on successful negotiations. After selection and before award, the contracting officer will determine cost/price realism and reasonableness, to the extent appropriate, and negotiate the terms of the contract.

The contracting officer will review anticipated costs including those of associate, participating organizations to ensure the offeror has fully analyzed the budget requirements, provided sufficient supporting cost/price information and that cost data are traceable and reconcilable. Additional information and supporting data may be requested.

If the parties cannot reach mutually agreeable terms, a contract will not be awarded.

4.6. Proposal and Abstract Retention

IARPA treats all abstracts and proposals as competition sensitive information and discloses their contents only for the purpose of evaluation. Proposals and abstracts will not be returned. Upon completion of the source selection process, the original of each abstract and proposal received will be retained at IARPA and all other copies will be destroyed. A certification of destruction may be requested, provided that the formal request is sent to IARPA via e-mail to dni-iarpa-baa-16-07@iarpa.gov less than five (5) days after notification of abstract or proposal evaluation results.

4.7. Proprietary Data

All abstracts and proposals that contain proprietary data must label the cover page and each page containing proprietary data. It is the offeror's responsibility to clearly mark what data are considered to be proprietary.

5.0 AWARD ADMINISTRATION INFORMATION

5.1. Evaluation/Award Notices

Offerors will be notified in writing if their proposals were determined not to be relevant to IARPA's mission under Section 4.2 and were therefore not considered further for award. Offerors whose proposals are determined to be relevant to IARPA's mission under Section 4.2 and were evaluated further against the criteria set forth in Section 4.3 will be notified in writing whether their proposal was selected for contract negotiations as soon as IARPA's evaluation is complete. Although the specific terms and conditions for award will vary with the contracting agent and award type, the following considerations are generally relevant and should be addressed in the proposal where they are appropriate.

5.2. Meeting and Travel Requirements

Performers are responsible for administering their projects and complying with contractual requirements for reporting, attendance at program workshops, and availability for site visits. Site

visits by representatives of IARPA will typically occur at six month intervals at the performer's facility.

5.3. Human Use

All research involving human subjects, to include use of human biological specimens and human data, selected for funding must comply with the federal regulations for human subject protection, namely 45 CFR Part 46, *Protection of Human Subjects*, (<http://www.hhs.gov/ohrp/humansubjects/guidance/45cfr46.html>).

For all proposed research that will involve human subjects, the institution must provide evidence of or a plan for review by an Institutional Review Board (IRB) on final proposal submission to IARPA. The IRB conducting the review must be the IRB identified on the institution's Assurance of Compliance with Federal regulations for human subject protection (Assurance). The protocol, separate from the proposal, must include a detailed description of the research plan; study population; risks and benefits of study participation; recruitment and consent process; data collection; and data analysis. Consult the designated IRB for guidance on writing the protocol. The informed consent document must comply with Federal regulations (45 CFR Part 46).

The amount of time required to complete the IRB review/approval process may vary depending on the complexity of the research and/or the level of risk to study participants. Ample time should be allotted to complete the approval process. The IRB approval process can last between three to six months. No IARPA funding can be used towards human-subject research until ALL approvals are granted.

In limited instances, human subject research may be exempt from Federal regulations for human subject protection, for example, under Department of Health and Human Services, 45 CFR 46.101(b). Offerors claiming that their research falls within an exemption from Federal regulations for human subject protection must provide written documentation with their proposal that cites the specific applicable exemption and explains clearly how their proposed research fits within that exemption.

Institutions awarded funding for research involving human subjects must provide documentation of a valid Assurance; for example, a Department of Health and Human Services, Office of Human Research Protection Federal Wide Assurance (<http://www.hhs.gov/ohrp>). All institutions engaged in human subject research, to include sub-contractors, must have a valid Assurance.

5.4. Publication Approval

Pre-publication approval of IARPA-funded research results may be required if it is determined that the release of such information may result in the disclosure of sensitive information. The type of award and contractual terms may be influenced by these considerations.

5.5. Export Controls

The offeror must comply with all U.S. export control laws and regulations, including the International Traffic in Arms Regulations (ITAR), 22 CFR Parts 120 through 130, and the Export Administration Regulations (EAR), 15 CFR Parts 730 through 799, in the performance of work under awards.

5.6. Reporting

Although reporting requirements are subject to negotiation, awardees will be expected to provide monthly technical and financial reports to the Contracting Office, the Contracting Officer's Technical Representative, and the IARPA Program Manager. A final report will also be required.

5.7. Representations and Certifications

Prospective offerors may be required to complete electronic representations and certifications in the System for Award Management (SAM) at its website (<https://www.sam.gov>). Successful offerors shall be required to complete additional representations and certifications prior to award.

APPENDIX A: Organizational Conflicts of Interest Letter Template

Date

Office of the Director of National Intelligence
Intelligence Advanced Research Projects Activity (IARPA)
ATTN: IARPA Director
Washington, DC 20511

Subject: OCI Certification

Reference: <insert solicitation #> <insert assigned proposal ID#, if received>

Dear Dr. Matheny,

In accordance with IARPA Broad Agency Announcement IAPRA-BAA-<insert solicitation #>, Section 2.4, Procurement Integrity, Standards of Conduct, Ethical Considerations and Organizational Conflicts of Interest (OCI), and on behalf of <insert offeror's name> I certify that neither <insert offeror's name> nor any of our subcontractor teammates has a potential conflict of interest, real or perceived, as it pertains to the IARPA-Wide BAA.

If you have any questions, or need any additional information, please contact <insert name of contact> at <insert phone number> or <insert e-mail address>.

Sincerely,

<insert organization name>

(Note: Must be signed by an official who has the authority to bind the organization)

<Insert signature>

<Insert name of signatory>

<Insert title of signatory>

APPENDIX B: Academic Institution Acknowledgement Letter Template

-- Please Place on Official Letterhead --

<insert date>

To: Mr. Tarek Abboushi
Chief Acquisition Officer
ODNI/IARPA
Office of the Director of National Intelligence
Washington, D.C. 20511

Subject: Academic Institution Acknowledgement Letter

Reference: Executive Order 12333, As Amended, Para 2.7

This letter is to acknowledge that the undersigned is the responsible official of <insert name of the academic institution>, authorized to approve the contractual relationship in support of the Office of the Director of National Intelligence's Intelligence Advanced Research Projects Activity and this academic institution.

The undersigned further acknowledges that he/she is aware of the Intelligence Advanced Research Projects Activity's proposed contractual relationship with <insert name of institution> through <insert solicitation #> and is hereby approved by the undersigned official, serving as the president, vice-president, chancellor, vice-chancellor, or provost of the institution.

<Name>
<Position>

Date