



Homeland Security

Science and Technology

**BROAD AGENCY ANNOUNCEMENT (BAA)
CHEMICAL BIOLOGICAL DEFENSE DIVISION**

**Department of Homeland Security
Science and Technology (S&T) Directorate
*BAA 14-003***

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1. GENERAL INFORMATION

1.1. Introduction

The Department of Homeland Security (DHS) Science & Technology (S&T) Directorate is announcing to business and academia its intent to solicit research and development proposals under this Broad Agency Announcement (BAA). This BAA is contemplated in Federal Acquisition Regulations (FAR) 6.102(d)(2) and 35.016. **This announcement does not request any proposals at this time.** Requests for Proposals (or Calls) will be accomplished via amendments to this BAA.

The over-arching strategy of this BAA involves the use of this 3-year Open BAA (OBAA) to quickly and efficiently execute research and development to deliver practical solutions to urgent chemical and biological defense priorities. This strategy will provide DHS an acquisition tool with the flexibility to solicit proposals and make awards to perform rapid prototyping of technical solutions to meet present and compelling chemical and biological defense needs, as ever-changing urgent operational issues and capability gaps are identified.

The BAA will remain "open" for 3 years; however, proposals will only be solicited and accepted during calls. Each call will identify topics and contain a common cut-off date for proposal submission. *Proposals received after the specified due date and time shall be governed by the provisions of FAR 52.215-1(c)(3).*

Calls for proposals (made by amendments to this BAA) will occur periodically throughout the life of this over-arching BAA. Each call will: (1) identify specific topic areas; (2) identify any changes to the standard evaluation criteria or proposal preparation instructions, and; (3) contain common cutoff dates for proposal submissions.

It is anticipated that calls issued under this BAA will be unrestricted. Small businesses are encouraged to propose on all of the calls. The NAICS code, unless otherwise stated in the BAA amendments, shall be 541712 (i.e., Research and Development in the Physical, Engineering, and Life Sciences except Biotechnology), and the size standard is 500 employees. Proposals submitted shall be in accordance with this BAA and its appropriate amendment(s).

Interested offerors should be on alert for any BAA amendments that call for proposals, permit extensions to the proposal submission dates, or otherwise change the requirements of this BAA or its subsequent amendments.

This announcement is restricted to work relating to basic and applied research and that portion of advanced technology development not related to a specific system or hardware procurement. This announcement does not cover support services, such as technical services, engineering services, or other types of support services. Such submissions are considered non-compliant with this BAA and will be rejected without evaluation.

1.2. Program Mission and Objectives

The DHS Science & Technology Chemical Biological Defense Division (CBD) mission is to strengthen its customers' and stakeholders' abilities to prevent, detect, respond to, and remediate from a chemical or biological incident, whether intentional or unintentional. This includes the contexts of public civilian infrastructure, agricultural production and operations, and population health. CBD develops innovative solutions to the most pressing challenges faced to address any unforeseen threats to the Nation's infrastructure, human, or agricultural population arising from chemical or biological hazards.

1.3. Agency Name

Department of Homeland Security
Science & Technology Directorate
Chemical Biological Defense Division
DHS S&T CBD – Mail Stop 0201
245 Murray Lane
Washington, DC 20528-0201

1.4. Program Name

Chemical Biological Defense Division

1.5. Research Opportunity Number

BAA 14-003

1.6. Call and Response Approach

The Department of Homeland Security (DHS) Science & Technology (S&T) Directorate will not issue paper copies of this announcement. DHS S&T reserves the right to select for award and fund all, some, or none of the full proposals received in response to calls issued under this BAA. No funding for direct reimbursement of proposal development costs will be allowed. White Papers in "Project Proposal Form" format, Technical and Cost Proposals (or any other material) submitted in response to calls issued under this BAA will not be returned. However, depending on the markings on the proposal, DHS S&T will adhere to FAR policy on handling source selection information and proprietary proposals. It is the policy of DHS S&T to treat all proposals as sensitive competitive information and to disclose their contents only for the purposes of evaluation. Offerors are to provide unclassified proposals. Documents containing sensitive information that are not suitable for uncontrolled public dissemination should be marked "For Official Use Only" (FOUO). When transmitted electronically, FOUO proposals should be sent with password protection.

Awards may take the form of contracts or other transactions (OTs) agreements. In the event an offeror or subcontractor is a Federally Funded Research and Development Center (FFRDC), Department of Energy National Laboratory, or other Federally funded entity, DHS S&T will work with the appropriate sponsoring agency to issue an interagency agreement

pursuant to the Economy Act (31 U.S.C. 1535) or other appropriate authority. Therefore, the applicable laws and regulations governing the legal vehicle used for award will depend on the legal vehicle chosen by DHS S&T. In this regard, Offerors should propose a preferred vehicle type for DHS S&T to consider for award.

Depending on the nature of the requirements for each issued call, the following evaluation approaches will be used for purposes of minimizing the costs and efforts for prospective offerors.

Single Phased Evaluation: Will consist of the solicitation, receipt, and evaluation of Full Proposals only, limited to 30 pages, excluding the Formal Transmittal Letter, Cover Page, Summary of Costs and Related Information, Table of Contents and resumes/biographical information for proposed performers. Once the peer/scientific review process has been completed, offerors will be notified via e-mail, or in writing, that its proposal has been selected, selected but not funded, or not selected for award.

Two Phased Evaluation: Will consist of the solicitation, receipt, and evaluation of both White Papers and Full Proposals. Under this evaluation, Phase 1 will consist of the solicitation, receipt, and evaluation of the White Papers (**using standardized DHS Chemical Biological Defense Division “Project Proposal Form” format**) from potential performers. Entries in the various sections of the Project Proposal Forms (White Papers) should be concise and conform to the specified formatting and word count limitations. No formal transmittal letter is required for the Phase 1 responses. Once the white paper peer/scientific review process has been completed, offerors will be notified via e-mail, or in writing, whether as a result of its white paper submission, the offeror is “encouraged” or “not encouraged” to submit full proposals.

A down-selection process will then be conducted by DHS and those Phase 1 White Paper Proposal Form (Attachment A) proposals encouraged to submit full proposals will be invited to participate in Phase 2, which will consist of the solicitation, receipt, and evaluation of a Full Proposal, limited to 30 pages, excluding the Formal Transmittal Letter, Cover Page, Summary of Costs and Related Information, Table of Contents and resumes/biographical information for proposed performers. Once the Full Proposal peer/scientific review process has been completed, offerors will be notified via e-mail, or in writing, that its proposal has been selected, selected but not funded, or not selected for award.

Feedback. Offerors not selected for an award may request feedback regarding the peer/scientific review findings of submitted proposals. A written request to the Contracting Officer must be received within 3 calendar days of notification of non-selection. Feedback will not be provided on submitted white papers, or proposals that have been selected or selected but not funded for award.

1.7. Government Representatives

Science and Technology:

Dr. Randolph Long

Department of Homeland Security
Science and Technology Directorate
Chemical Biological Defense Division
Washington, DC 20528

Business:

Mr. Michael Jones
Procuring Contracting Officer
Department of Homeland Security
Office of Procurement Operations
Science & Technology Acquisition Division
Washington, DC 20528

2. RESEARCH OPPORTUNITY DESCRIPTION

2.1 Anticipated Technical Topic Areas (TTAs)

The following Technical Topic Areas (TTAs) are representative only. They are provided to help interested offerors understand the classes of needs and their potential scope.

Chemical and Biological R&D Areas of Interest

CBD.01 – Diagnostics and Agent Characterization: Research to develop rapid, robust, and affordable diagnostic tools to support detection, response, recovery, and real-time bio-surveillance and situational awareness. CBD's interest in diagnostics includes efforts in the areas of biological assays, sample preparation, advanced diagnostics (e.g. multiplex, high throughput, low-cost, field-deployable, complex sample matrices, multiple target types), and agent characterization of chemical or biological materials.

CBD.02 – Surveillance and Detection: Advance the capability to provide early warning and detection of a chemical or biological incident in a cost-sustainable way. Effective surveillance provides essential information to decision authorities on a timescale that allows them to take actions towards mitigating or responding to the threat. Efforts in this area include bioinformatics, open area and facility surveillance through sensing and data integration, and development or improvement of chemical and biological sensors.

CBD.03 – Event Characterization, Response, and Remediation: Research aimed at developing affordable and effective event characterization, decontamination, and remediation tools from a chemical or biological incident. Efforts in this area include understanding chemical interactions with operationally-relevant surfaces, chemical and biological degradation or persistence in the environment, mapping areas of contamination, effective decontamination technologies, and response modeling and guidance.

CBD: Threat Characterization & Attribution Areas of Interest

CBD.04 – System Studies: Research to conduct studies and analysis to identify gaps in technology and operational concepts and to support formulation of requirements for chemical and biological countermeasure development. Current specific areas of interests are transit system defensive architectures and surveillance architectures to detect and/or characterize a biological attack.

CBD.05 – Bioforensics and Chemical Forensics: Research and development of next generation and novel technologies to characterize biological and chemical threat agents for source attribution in support of FBI and NBFAC requirements in a criminal investigation. These include novel applications of next generation technologies to characterize the organism, the agent, or the sample matrix.

CBD.06 – CBRN Risk Analysis and the Biological Threat Characterization Program (BTCPC): Research and development of next generation and novel methodological approaches to terrorism risk analysis, intentional attack analysis, scenario modeling and simulation to understand the impact of a biological attack on the country. Biological threat information requirements are identified and prioritized from internal DHS sources and other Federal Government partners. The BTCPC includes experiments to characterize agents and their properties at the National Biodefense Analysis and Countermeasures Center (NBACC).

Agro Defense Areas of Interest

CBD.07 – Vaccines and Therapeutics: New, cost-effective, biological-based countermeasures for foreign animal disease (FAD) and zoonotic pathogens affecting major domestic livestock species. Specific areas of interest are cattle and swine product candidates based on molecular or recombinant vaccine platforms previously shown to be safe and effective against other infectious animal or human biodefense disease targets, and novel biological-derived broad spectrum antiviral agents with an established immune-based mechanism of action. Influenza countermeasure proposals will not be considered:

- (1) New, molecular-based or recombinant vaccine candidates that improve the onset of protective immunity and can differentiate infected from vaccinated animals.
- (2) Novel immunostimulants, adjuvants, or biological-based agents with an immune-based mechanism of action that can improve pathogen-specific vaccine efficacy and/or vaccine potency.
- (3) New molecular or recombinant-based vaccines that can increase spectrum of cross-protection against related strains.
- (4) New molecular or recombinant-based vaccines based on innovative state-of-the-art technologies (e.g., nanovaccines, VLPs).
- (5) New biological-based broad spectrum anti-viral therapeutics (small molecule drugs excluded) that can be used in combination with pathogen-specific vaccines.
- (6) Novel high throughput vaccine or biological delivery systems for livestock.
- (7)

CBD.08 – Diagnostics: New or improved rapid diagnostic tests that facilitate foreign animal disease (FAD) outbreak surveillance, response, and recovery in livestock:

- (1) New laboratory-based high throughput, serological or molecular-based antigen detection platforms with improved sensitivity and result time.
- (2) New field deployable/point of care antigen detection platforms with improved sensitivity and result time.
- (3) New tests that can detect FAD in clinical samples (milk, blood, oral/nasal fluids) prior to onset of clinical signs.
- (4) Novel protective antigen discovery “omics” screening platforms.

CBD.09 –Modeling: Efforts that address the conceptual design and implementation strategies for a scalable architecture for modeling and analysis of foreign animal diseases for high priority pathogens (at regional and national scales); which is based on open source modular and reusable components; addresses limitations in data, theory, and capabilities required for infectious disease dynamics, livestock transportation networks, and geospatial data infrastructure; and demonstrates initial operating capabilities for selected functionality.

CBD.10 – Depopulation: New or improved mass animal depopulation methods; facility, personnel, equipment, and material decontamination protocols; and environmentally-sound disposal tools and techniques for animal disease outbreak response and recovery.

- (1) Develop or refine mass depopulation methods to improve speed, safety, cost and humane treatment of animals.
- (2) Promote and increase the development and study of decontamination products and methods that are effective against FAD threats (e.g. disinfectants, their application techniques, and cleaning techniques) that are readily available and provide an adequate level of efficacy and safety to workers and the environment. This includes compatibility with and efficacy on common agricultural surfaces, such as metal, rubber, wood, concrete, and other porous and/or soiled surfaces.
- (3) Adapt current technologies and develop new technologies (i.e., field deployable options) capable of handling mass animal carcass disposal in a manner minimizes risks to human health, animal health, and the environment.

3. AWARD INFORMATION

3.1. Anticipated Award Date

The anticipated award dates will be specified under each call for proposals. Awards are probable based on amendments issued during the 3-and a half year (FY14-FY17) solicitation period.

3.2. Anticipated Funding for the Program

Estimated Value: The value of this BAA will not exceed \$50 million dollars over its three-year duration. Funding will be applied to BAA calls subject to official fiscal appropriation and availability and according to CBD mission needs.

3.3. Limitation of Funds

The Government reserves the right to incrementally fund contracts awarded from this BAA as provided by the FAR 52.232-22, "Limitation of Funds." Contracts or other agreements that obligate funds that are awarded will not have an initial period of performance that exceeds 12 months from the receipt of funding by the performer. However, offerors can propose a base year effort with up to one option year.

3.4. Type of Contract/Instrument

It is anticipated that the majority of awards issued under this BAA Award type will be in the form of Cost Reimbursement type contracts. The specific type of contract will be issued in each call for proposals. The Government reserves the right to award procurement contracts, Other Transactions (OTs), or Interagency Agreements (IAAs) to appropriate parties should the situation warrant.

3.5. Number of Awards Anticipated

The total number of awards under this solicitation is unknown at this time. Future awards are probable based on calls or amendments issued during the 3 and a half year (FY14-FY17) solicitation period.

3.6. Expected Amount of Individual Awards

The value of individual awards is unknown at this time. CBD's desire is for companies and academia to leverage existing technology or development efforts when possible to minimize cost while meeting the stated objectives.

3.7. Anticipated Period of Performance for Individual Awards

The anticipated initial period of performance for each award is 12 months, with extensions possible through the exercise of options.

4. ELIGIBILITY INFORMATION

This BAA is open to **ALL** responsible sources.

Offerors may include single entities or teams from academia, private sector organizations, Government laboratories, and Federally Funded Research and Development Centers (FFRDCs), including Department of Energy National Laboratories and Centers.

4.1. Federally Funded Research & Development Centers

FFRDCs, including Department of Energy National Laboratories and Centers, are eligible to respond to this BAA, individually or as a team member of an eligible principal Offeror, so long as they are permitted under a sponsoring agreement between the Government and the specific FFRDC.

4.2. Nonprofit Organizations, Educational Institutions and Small Business Set Aside

The Government encourages Nonprofit Organizations, Educational Institutions, Small Businesses, Small Disadvantaged Business (SDB) concerns, Historically Black Colleges and Universities (HBCU), Minority Institutions (MI), Women-Owned Businesses (WB), and Historically Underutilized Business (HUB) zone enterprises as well as large businesses, academic institutions, and Government laboratories to submit research proposals for consideration and/or to join others in submitting proposals; however, no portion of the BAA will be set-aside for these special entities pursuant to FAR Part 19.502-2, because of the impracticality of reserving discrete or severable areas of research and development in any specific requirement area.

To ensure full consideration in these programs, registration in the <https://baa2.st.dhs.gov/> website, described later in this document, requires the appropriate business type selection as well as accurate up-to-date information.

4.3. Organizational Conflict of Interest

In accordance DHS Clause HSAR 3052.209-72 (Organizational Conflict of Interest), Organizational Conflict of Interest issues will be evaluated on a case-by-case basis; as outlined below. Offers who have existing contract(s) to provide scientific, engineering, technical and/or administrative support directly to the DHS S&T will receive particular scrutiny.

(a) Determination. The Government has determined that this effort may result in an actual or potential conflict of interest, or may provide one or more Offerors with the potential to attain an unfair competitive advantage.

(b) If any such conflict of interest is found to exist, the Contracting Officer may (1) disqualify the Offeror, or (2) determine that it is otherwise in the best interest of the United States to contract with the Offeror and include the appropriate provisions to mitigate or avoid such conflict in the contract awarded. After discussion with the Offeror, the Contracting Officer may determine that the actual conflict cannot be avoided, neutralized, mitigated, or otherwise resolved to the satisfaction of the Government, and the Offeror may be found ineligible for award.

(c) Disclosure: The Offeror must represent, as part of its proposal and to the best of its knowledge that: (1) It is not aware of any facts which create any actual or potential organizational conflicts of interest relating to the award of this contract; or (2) It has included information in its proposal, providing all current information bearing on the existence of any

actual or potential organizational conflicts of interest, and has included the mitigation plan in accordance with paragraph (d) of this provision.

(d) Mitigation/Waiver. If an Offeror with a potential or actual conflict of interest or unfair competitive advantage believes it can be mitigated, neutralized, or avoided, the Offeror shall submit a mitigation plan to the Contracting Officer for review. Award of a contract where an actual or potential conflict of interest exists shall not occur before Government approval of the mitigation plan.

(e) Other Relevant Information: In addition to the mitigation plan, the Contracting Officer may require further relevant information from the Offeror. The Contracting Officer will use all information submitted by the Offeror, and any other relevant information known to DHS, to determine whether an award to the Offeror may take place, and whether the mitigation plan adequately neutralizes or mitigates the conflict.

(f) Corporation Change. The successful Offeror shall inform the Contracting Officer within thirty (30) calendar days of the effective date of any corporate mergers, acquisitions, and/or divestures that may affect this provision.

(g) Flow-down. The contractor shall insert the substance of this clause in each first tier subcontract that exceeds the simplified acquisition threshold.

5. APPLICATION AND SUBMISSION INFORMATION

The following proposal preparation instructions may apply in total, or in part, to subsequent individual calls for proposals. Each amendment to this BAA calling for proposals will detail which proposal preparation instructions apply. Proposals submitted shall be in accordance with this announcement and any instructions in the individual call for proposals. Offerors should be alert for any BAA amendments that may permit extensions to the proposal submission date.

5.1. BAA Package Download

This BAA package may be downloaded in its entirety from the Federal Business Opportunities website <http://www.fbo.gov> or from <https://baa2.st.dhs.gov>.

Registration is not required to download the BAA package; however, a registration in <https://baa2.st.dhs.gov> is required to upload a response to the BAA.

5.2. Application and Submission Process

Submissions will not be accepted from organizations that have not registered. Any organization that wishes to participate in this solicitation must register at: <https://baa2.st.dhs.gov/>.

(a) Submitting a Response to this BAA:

1. To begin the registration process, log on to <https://baa2.st.dhs.gov> and select *Submissions* link from the side menu. Note users will need their respective company's Tax Identification Number (TIN) or Employee Identification Number (EIN) to complete registration.
2. After logon, click on "Start New Proposal" to initiate a new white paper (a completed DHS Chemical Forensics Program Project Proposal Form—See Attachment A) registration, and fill in the requisite fields, including selecting the specific Technical Topic Area (TTA) to be addressed by the proposed technology. For additional information download the Submissions Training Guide that can be found from the upper right hand corner of the FAQs.
3. When applicable to the Two Phased Evaluation Process (See Section 1.6), white papers shall be submitted using Attachment A (White Paper Project Proposal Forms) and must limit the entries for each section of the form to the number of words specified. Any excess words submitted will not be evaluated. Users will receive confirmation of their submission via e-mail. You may revise your Project Proposal Form (White Paper) submission until the deadline. Failure to submit a White Paper (completed Attachment A) will disqualify an offeror from consideration for submitting a Full Proposal.
4. When applicable to the Two Phased Evaluation Process and as identified in each issued call, offerors may register to submit as many white papers for as many TTAs as desired. Each white paper submitted must address a primary TTA. If the proposed technology has any relationship to other TTAs over and above the TTA the white paper will be submitted under, then the white paper should address how the proposed technology relates to these additional TTAs.
5. If submitting multiple white papers, it is NOT necessary to register multiple times. Registration for multiple white papers can be made by using the Start New Proposal button as many times as needed. Submissions will not be accepted from organizations that have not registered. Any organization that wishes to participate in this solicitation must register at: <https://baa2.st.dhs.gov>
6. In teaming situations, the lead organization must remain the same on both the White Paper (in Attachment A Form format), and if selected, the Full Proposal. Any Full Proposal submitted by organizations that were not the lead organization for the White Paper (Attachment A, Project Proposal Form) submission will be considered non-responsive.

Full Proposals shall be delivered via upload in accordance with instructions provided during registration.

No Classified White Papers or Full Proposals (or portions of proposals) will be accepted.

The proposal submissions will be protected from unauthorized disclosure in accordance with FAR 15.207, applicable law, and DHS regulations. Offerors are expected to appropriately mark each page of their submission that contains proprietary information.

The DHS BAA website at <https://baa2.st.dhs.gov> offers electronic access to BAA solicitations, frequently asked questions (FAQs), answers to FAQs, abstracts of previously funded projects, and hyperlinks to other useful information.

For step-by-step instructions for registering your company and submitting your proposal, please refer to the “Registrations and Submissions Training Guide” which can be accessed by clicking the link at the top right corner of the Frequently Asked Questions (FAQs) page.

IMPORTANT: Before submitting a proposal for the first time, you must first register your company and user account in the system. It is recommended that the Business Official or an authorized representative designed by the Business Official be the first person to register for your company. Your company’s Taxpayer Identification Number (TIN) is required during registration. (If your company is registered, other new users may register and associated their information with the company’s existing record. When registration is completed, users can submit and manage their proposals.

NOTE: User registration is not sufficient for registering the White Paper. To register your White Paper, you must log on with your credentials. Click the “Start New Proposal” button. When the Start the New Proposal page displays, pick the solicitation and topic, and then enter the title of the white paper/proposal that you are submitting. When you have entered the title, click the “Add Proposal to Activity Worksheet” button. The Proposal Activity worksheet page lists your proposal in the Proposals in progress section of the page. You white is registered at this point. Repeat this step before the White Paper registration deadline for every white paper you wish to register.

After you have completed the Coversheets and uploaded your White Paper document, you must click on the “Submit White Paper” button to submit the White Paper; simply uploading the document is not sufficient. After you have uploaded your Full Proposal documents, you must click on the “Submit Proposal” button to submit the Full Proposal; simply uploading the documents is not sufficient.

5.3. Format and Content of White Paper (Attachment A White Paper Proposal Form)

For the purposes of the BAA website, a completed Attachment A White Paper Proposal Form (a MS Word document) constitutes a White Paper. **Due dates for White Papers submissionns will be identified under each issued call.**

Attachment A Form Preparation and Submission Guidelines

When applicable to the Two Phased Evaluation Process, it is required that the Attachment A be submitted prior to a Full Proposal to determine the acceptability of the proposed concept to one or more of the Broad Agency Announcement TTAs. Submitters will be invited to submit Full Proposals based on the Attachment A Form (White Paper) review. Awards will be based on the Full Proposals.

Entries in the various sections of the Attachment A White Paper Proposal Form should be concise and conform to the specified word count limitations. All pages shall be printed single-spaced on 8-1/2 by 11 inch paper with type not smaller than 12 point font. Pertinent figures, tables, and charts are encouraged and are not included in the word count and font size limitation for the various sections of the Project Proposal Form. The font for diagrams, figures, or tables should have fonts that are legible – no smaller than 8 point font. No formal transmittal letter for white papers will be required for calls issued the Two Phased Evaluation process.

5.4. Format and Content of Full Proposals

Full Proposal Format

Proposals will consist of two volumes:

- Volume 1 - Technical Proposal
- Volume 2 - Cost Proposal

For each volume, the following format shall apply:

- Paper Size – 8.5-by-11-inch paper
- Margins – 1 inch
- Spacing – Single- or double-spaced
- Font – Times New Roman, 12 point. Text embedded within graphics or tables in the body of the Project Description Form should be legible and not smaller than 8 point.
- Number of Pages –
 - Volume 1 (Technical Proposal): No more than 30 single-sided pages. Proposals exceeding the page limit will not be evaluated. The Official Transmittal Letter, as well as the cover page, table of contents and resumes/biographical information about potential performers in the proposal are not subject to the page limitation.
 - Volume 2: (Cost Proposal): No more than 10 pages
- Copies – A proposal shall consist of one electronic file for the Technical Proposal volume and one electronic volume for Cost proposal volume. Electronic files will be in portable document format (PDF), readable by IBM-compatible PCs. Each file size must be no more than 10 MB.

Proposal Content

Proposal content may vary between BAA calls, and will be detailed in individual calls. For instance, some BAA calls may be for efforts that do not require a commercialization plan, whereas commercialization plans may be a key evaluation factor for other calls.

Volume 1: Technical Proposal

Volume I of the proposal shall be in the form of a Technical Proposal volume. Responsiveness to the order and content of sections listed in Volume I is important to assure thorough and fair evaluation of proposals. Nonconforming proposals may be rejected without review. The Technical Proposal must cover the following points in more detail:

- **Official Transmittal Letter:** This is an official transmittal letter with authorizing official signature. For an electronic submission, the letter can be scanned into the electronic proposal. The letter of transmittal shall state whether the proposal has been submitted to another government agency, other than DHS S&T, and if so, which one and when.
- **Cover Page:** This should include the words “Technical Proposal” and the following:
 - 1) BAA number;
 - 2) Call number;
 - 3) Technical Topic Area;
 - 4) Title of Proposal;
 - 5) Type of classifications;
 - 6) Identity of prime Offeror and complete list of subcontractors, if applicable;
 - 7) Technical point of contact (name, address, phone/fax, electronic mail address);
 - 8) Administrative/business point of contact (name, address, phone/fax, electronic mail address); and,
 - 9) Duration of effort (separately identify the basic effort and any options)
 - 10) In accordance with FAR 4.1201, prospective offerors for contracts and for OTAs involving prototypes (Section 845), shall state the certifications in the Online Representations and Certifications Application (ORCA) at <http://orca.bpn.gov> have been completed and shall provide the Certification Validity period; and
 - 11) The signature and title of an authorized representative of the entity submitting the proposal. If multiple organizations are participating, one signature from the principal/leading organization is acceptable.
- **Table of Contents**
- **Executive Summary:** Summarize the proposal and the expected benefits of the solution.
- **Proposal:** Describe the proposed work and the associated technical and management issues.

- **Performance Goals:** Describe the overall methodology and how it will meet the program objectives and the specific Technical Task Area.
- **Detailed Technical Approach:** Describe the proposed design and technical issues. Identify the critical technical issues in the design and concept.
- **Statement of Work (SOW), Schedule, and Milestones:** Provide an integrated display for the proposed research, showing each task with major milestones. Include a proposed schedule for the effort (estimated dates of tasks, milestones and deliverables). Describe how each task will be performed and identify sub-tasks, if appropriate. Include a section clearly marked as the SOW you propose to undertake. It is anticipated that the proposed SOW will be incorporated as an attachment to the resultant award instrument. To this end, such proposals must include a severable self-standing SOW without any proprietary restrictions, which can be attached to the contract or agreement award.
- **Deliverables:** Provide a brief summary of all deliverables proposed under this effort, including data, and reports consistent with the objectives of the work; along with suggested due dates (calendar days after the effective date of award). This section shall be severable, i.e., it will begin on a new page and the following section shall begin on a new page. It is anticipated that the proposed detailed list and description of all deliverables will be incorporated as an attachment to the resultant award instrument. To this end, such proposals must include a severable self-standing detailed list and description of all deliverables without any proprietary restrictions, which can be attached to the contract or agreement award.
- **Management Plan:** Provide a brief summary of the management plan, including an explicit description of what role each participant or team member will play in the project, and their past experience in technical areas related to this proposal.

Commercialization Plan: If relevant, offerors must also include a description in the proposal of their plan for commercializing the technology, or other plans for getting the technology into established transition paths. Technology transition plans that include commercial partnerships are preferred, but transition into the open source community is also acceptable. This request does not entail providing a full business plan, nor does it imply that DHS views commercialization activities as in the scope of this solicitation. The intent is for offerors to provide evidence that, as part of the technical plan development, consideration has been given to the ultimate commercialization of the outputs of DHS-funded programs. Such considerations would include expected user base, how the technology will be used, and how it will be transitioned, manufactured and distributed in to broad use. Of key importance are the identification of technology diffusion paths that are appropriate for the type and maturity of the technology involved, and any additional factors that might increase the likelihood of it being commercialized. Offerors who intended to partner with other companies for manufacturing and distribution services should identify their partners and the partners capabilities.

- **Facilities:** List the location(s) where the work will be performed, and the facilities to be used. Describe any specialized or unique facilities which directly affect the effort.
- **Government-Furnished Resources:** Provide a brief summary of required information and data which must be provided by the Government to support the proposed work, if any.
- **Cost Summary:** Summarize the projected total costs for each task in the initial period of performance and any proposed option year of the effort, including a summary of subcontracts, man hours, and consumables.
- **Resumes for Key Personnel:** In Appendix A, provide resumes and *curriculum vitae* (CVs) for each of the key personnel. These resumes do not count toward the 30-page limit.
- **Other DHS Support:** As an appendix, provide a list of any current or pending awards or proposals with DHS that pertain to the work, submitted either as a prime contractor, subcontractor/consultant, or teaming partner. This section will not count towards the 30-page limit.
- **Assertion of Data Rights:** In accordance with the provisions of the “Data Rights” and “Patent Rights” FAR clauses that are to be specified under any resultant award under this BAA, include a summary of any assertions to any technical data or computer software that will be developed or delivered under the resultant award. This includes any assertions to pre-existing results, prototypes, or systems supporting and/or necessary for the use of the research, results, and/or prototype. Any rights asserted in other parts of the proposal that would impact the rights in this section must be cross-referenced. If less than unlimited rights in any data delivered under the resultant award are asserted, the offeror must explain how these rights in the data will affect its ability to deliver research data, subsystems, and toolkits for integration as set forth below. Additionally, the offeror must explain how the program goals are achievable in light of these proprietary and/or restrictive limitations. If there are no claims of proprietary rights in pre-existing data, this section shall consist of a statement to that effect.

Proposals submitted in response to this solicitation shall identify all technical data or computer software that the Offeror asserts will be furnished to the Government with restrictions on access, use, modification, reproduction, release, performance, display, or disclosure. Offeror's pre-award identification shall be submitted using the following Assertions Table as an attachment to its offer and shall contain the following information:

Assertions Table

For each deliverable listed in the below table, please identify any assertion of restriction on the Government's Use, release or disclosure of technical data or computer software.

Deliverable	Technical Data or Computer Software to be Furnished With Restrictions*	Basis for Assertion**	Asserted Rights Category***	Name of Person Asserting Restrictions****

*For technical data (other than computer software documentation) pertaining to items, components, or processes developed at private expense, identify both the deliverable technical data and each such item, component, or process. For computer software or computer software documentation identify the software or documentation.

**Generally, development at private expense, either exclusively or partially, is the only basis for asserting restrictions. For technical data, other than computer software documentation, development refers to development of the item, component, or process to which the data pertain. The Government's rights in computer software documentation generally may not be restricted. For computer software, development refers to the software. Indicate whether development was accomplished exclusively or partially at private expense. If development was not accomplished at private expense, or for computer software documentation, enter the specific basis for asserting restrictions.

***Enter asserted rights category (e.g., government purpose license rights from a prior contract, limited, restricted, or government purpose rights under this or a prior contract, or specially negotiated licenses).

****Corporation, individual, or other person, as appropriate, or enter "none" when all data or software will be submitted without restrictions.

Completed by:

Signature
Printed Name and Title

Date

Statement of Assertion. Include the following statement: "The Offeror asserts for itself, or the persons identified below, that the Government's rights to access, use, modify, reproduce, release, perform, display, or disclose only the following technical data or computer software should be restricted:"

Identification of the technical data or computer software to be furnished with restrictions. For technical data (other than computer software documentation) pertaining to items, components, or processes developed at private expense, identify both the deliverable technical data and each such item, component, or process as specifically as possible (e.g., by referencing specific sections of the proposal or specific technology or components). For computer software or computer software documentation, identify the software or documentation by specific name or module or item number.

Detailed description of the asserted restrictions. For each of the technical data or computer software identified above in paragraph (2), identify the following information:

(i) Asserted rights. Identify the asserted rights for the technical data or computer software.

(ii) Copies of negotiated, commercial, and other non-standard licenses. Offeror shall attach to its offer for each listed item copies of all proposed negotiated license(s), Offeror's standard commercial license(s), and any other asserted restrictions other than Government purpose rights; limited rights; restricted rights; rights under prior government contracts, including SBIR data rights for which the protection period has not expired; or government's minimum rights.

(iii) Specific basis for assertion. Identify the specific basis for the assertion. For example:

(A) Development at private expense, either exclusively or partially. For technical data, development refers to development of the item, component, or process to which the data pertains. For computer software, development refers to the development of the software. Indicate whether development was accomplished exclusively or partially at private expense.

(B) Rights under a prior government contract, including SBIR data rights for which the protection period has not expired.

(C) Standard commercial license customarily provided to the public.

(D) Negotiated license rights.

(iv) Entity asserting restrictions. Identify the corporation, partnership, individual, or other person, as appropriate, asserting the restrictions.

Previously delivered technical data or computer software. The Offeror shall identify the technical data or computer software that are identical or substantially similar to technical data or computer software that the Offeror has produced for, delivered to, or is obligated to deliver to the Government under any contract or subcontract. The Offeror need not identify

commercial technical data or computer software delivered subject to a standard commercial license.

Estimated Cost of Development. The estimated cost of development for that technical data or computer software to be delivered with less than Unlimited Rights.

Supplemental information. When requested by the Contracting Officer, the Offeror shall provide sufficient information to enable the Contracting Officer to evaluate the Offeror's assertions. Sufficient information must include, but is not limited to, the following:

- (1) The contract number under which the data or software were produced;
- (2) The contract number under which, and the name and address of the organization to whom, the data or software were most recently delivered or will be delivered; and
- (3) Identification of the expiration date for any limitations on the Government's rights to access, use, modify, reproduce, release, perform, display, or disclose the data or software, when applicable.

The Bayh-Dole Act shall apply for any patentable materials, technologies, or knowledge developed on a contract resulting from this solicitation. The Government reserves nonexclusive, perpetual, royalty-free licensure of any materials developed under a contract resulting from this solicitation.

Ineligibility for award. An Offeror's failure to submit or complete the identifications and assertions required by this provision with its offer may render the offer ineligible for award.

This section must be severable, i.e., it will begin on a new page and the following section shall begin on a new page. It is anticipated that the proposed Assertion of Data Rights will be incorporated as an attachment to the resultant award instrument. To this end, proposals must include a severable self-standing Assertion of Data Rights without any proprietary restrictions, which can be attached to the contract or agreement award.

VOLUME 2: Price/Cost Proposal

The Price/Cost Proposal shall consist of a cover page and two parts, Part 1 and Part 2. Part 1 will provide a detailed cost breakdown of all costs by cost category and Part 2 will provide a Cost breakdown by task/sub-task using the same task numbers in the Statement of Work. Options must be separately priced.

Cover Page: The use of the SF 1411 is optional. The words "Price/Cost Proposal" should appear on the cover page in addition to the following information:

- 1) BAA number;

- 2) Call number;
- 3) Technical Topic Area;
- 4) Title of Proposal;
- 5) Type of classifications;
- 6) Identity of prime Offeror and complete list of subcontractors, if applicable;
- 7) Technical point of contact (name, address, phone/fax, electronic mail address);
- 8) Administrative/business point of contact (name, address, phone/fax, electronic mail address); and,
- 9) Duration of effort (separately identify the basic effort and any options)
- 10) In accordance with FAR 4.1201, prospective offerors for contracts and for OTAs involving prototypes (Section 845), shall state the certifications in the Online Representations and Certifications Application (ORCA) at <http://orca.bpn.gov> have been completed and shall provide the Certification Validity period; and
- 11) The signature and title of an authorized representative of the entity submitting the proposal. If multiple organizations are participating, one signature from the principal/leading organization is acceptable.

Part 1: Detailed breakdown of all costs by cost category. The Offeror should provide a total estimated price for major demonstrations and other activities associated with the program, including cost sharing, if any. The Offeror should state whether any Independent Research and Development (IR&D) program is or will be dedicated to this effort, or if IR&D is being pursued to benefit related programs as well. Any cost sharing estimates should include the type of cost share, i.e. cash or in-kind. If in-kind is proposed, the Offeror should provide a discussion of how the cost share was valued.

- **Direct Labor** – Individual labor category or person, with associated labor hours and *unburdened* direct labor rates;
- **Indirect Costs** – Fringe Benefits, Overhead, G&A, COM, etc. (*Must show base amount and rate*)
- **Travel** – Number of trips, destinations, durations, etc.
- **Subcontract** – A cost proposal *as detailed as the Offeror's cost proposal* will be required to be submitted by the subcontractor. The subcontractor's cost proposal can be provided in a sealed envelope with the Offeror's cost proposal or will be requested from the subcontractor at a later date;
- **Consultant** – Provide consultant agreement or other document which verifies the proposed loaded daily/hourly rate;
- **Materials**--Materials should be specifically itemized with costs or estimated costs. Where possible, indicate purchasing method, (Competition, engineering estimate, market survey, etc.)
- **Other Directs Costs**, particularly any proposed items of equipment or facilities. Equipment and facilities generally must be furnished by the contractor/recipient. Justifications must be provided when Government funding for such items is sought.
- **Fee/Profit** including fee percentage.

Part 2: Cost breakdown by task/sub-task using the same task numbers in the Statement of Work.

The Price/Cost Proposal should be consistent with your proposed SOW. Activities such as demonstrations required to reduce the various technical risks should be identified in the SOW and reflected in the Price/Cost Proposal. The Offeror should provide a total estimated price for the major Research, Development, Test, and Evaluation (RDT&E) activities associated with the program.

For the Price/Cost Proposal, the DHS BAA website system has a web form where the Offeror may enter data regarding the cost proposal. The system does not allow the Full Proposal to be submitted without completing this Cost Proposal web form. Offerors may choose to not enter information in the Cost Proposal web form since the Cost Proposal cover page, Part 1, and Part 2 will be uploaded separately. However, Offerors will still need to go to the last page of the Cost Proposal web form and hit the confirmation button noting that the Offeror has reviewed the empty web form and is submitting the web form blank.

5.5. Protection of Information Uploaded to BAA Website:

All data uploaded to <https://baa2.st.dhs.gov/> is protected from public view or download. All submissions will be considered proprietary/source selection sensitive and protected accordingly. Documents may only be reviewed by the registrant, authorized Government representatives, and assigned evaluators.

5.6. Proposal Due Date and Time:

The proposal due date and time will be specified in each call for proposals to the solicitation.

5.7. Submission of Late Proposals

Proposals **WILL NOT BE ACCEPTED** after the published due dates.

5.8. Further Assistance Needed for this BAA

The applicable electronic address for all correspondence for this BAA is: michael.jones@hq.dhs.gov and danette.williams@hq.dhs.gov.

For technical assistance with using the <https://baa2.st.dhs.gov/> website, submit questions to the administrators at dhsbaa@reisystems.com, phone (703) 480-7676.

5.8. BAA Contractual and Technical Questions.

All contractual and technical questions regarding this BAA including the published requirements and instructions must be directed to the Contracting Officer at –

michael.jones@hq.dhs.gov and the Contract Specialist at danette.williams@hq.dhs.gov . The program and technical staff will not acknowledge, forward, or respond to any inquiries received in any other manner concerning this BAA. Contractual questions and answers will be posted periodically under the Frequently Asked Questions (FAQs) section on the www.fbo.gov and <https://baa2.st.dhs.gov> websites.

6. EVALUATION INFORMATION

The following basis for award requirements may apply in total, or in part, to subsequent individual calls for proposals. Each amendment to this BAA calling for proposals will detail which basis for award requirements apply and any tailored criteria.

6.1. Evaluation Criteria

The evaluation of Proposals will be accomplished through an independent technical review using the following criteria, which are listed in descending order of relative importance.

Criterion I: Sound technical and managerial approach to the proposed work, including a demonstrated understanding of the critical technology or engineering challenges required for achieving the goals of the TTA.

Criterion II: Potential of the technology/solution for meeting the TTA goals provided in BAA 14-003 resulting in the best ideas and concepts.

Criterion III: Qualitative assessment of the commercialization experience and strategy to determine the likelihood that the offeror will be able to deploy a technology and/or solution(s) that can be transitioned effectively to the user community either through commercialization of the technology or through other means.

Criterion IV: Capability to perform proposed work and history of performance of the Team in developing related technologies.

Criterion V: Each offeror's cost/price proposal will be evaluated for reasonableness and completeness of the proposed contract cost.

The primary basis for the selection of proposals for award shall be technical importance to CBD programs, and funding availability. Cost reasonableness and completeness shall also be considered to the extent appropriate.

NOTE: DHS S&T reserves the right to select for award and fund all, some, or none of the Proposals received in response to individual calls.

6.2. Evaluation Panel

All properly submitted White Papers (in White Paper Proposal Attachment A Form format) and Full Proposals that conform to the BAA requirements will be evaluated by a review

panel comprised of Government technical experts drawn from staff within DHS S&T and other Federal agencies. All Government personnel are bound by public law to protect proprietary information. Contractor personnel will be used to handle the submissions administratively only. Contractors will provide administrative support to the Technical Evaluation Team (TET) only. Submissions and information received in response to this BAA constitute permission to disclose that information to certified evaluators under these conditions.

6.3. Notification to Offerors of Evaluation Findings

Once the proposal evaluation process is complete, offerors will be notified of selection or non-selection for an award. Offerors not selected for an award may request feedback regarding the evaluation findings of submitted proposals. A written request to the Contracting Officer must be received within 3 calendar days of notification of non-selection.

7. AWARD ADMINISTRATION INFORMATION

7.1. Comments or Concerns

If Offerors have any comments or concerns about the BAA, the DHS S&T Contracting Officer can be contacted by e-mail at michael.jones@hq.dhs.gov

8. OTHER INFORMATION

8.1. Information for Proposal Respondents

BAA 14-003 is for planning purposes only. It will not be construed as an obligation on the part of the Government to acquire any products or services.

No entitlement to payment of direct or indirect costs or charges by the Government will arise as a result of submission of responses to BAA 14-003 and the Government's use of such information. This BAA seeks to solicit sound scientific studies and techniques to address the DHS CBD objectives set forth in Section 1.2. Respondents to BAA 14-003 may be requested to provide additional information based on their submittals. Unnecessarily elaborate responses containing extensive marketing materials are not desired.

Technical and cost proposals, or any other material, submitted in response to BAA 14-003 will not be returned. However, depending on the markings on the proposal, DHS S&T will adhere to FAR policy on handling source selection information and proprietary proposals. It is the policy of DHS S&T to treat all proposals as sensitive competitive information, and to disclose their contents only for the purpose of evaluation.

8.2. Government Property, Government Furnished Equipment (GFE) and Facilities

The Government may provide government-furnished equipment (GFE), resources (GFR), information (GFI), or services (GFS) under the terms of each negotiated contract or agreement. GFE, GFR, GFI, or GFS requested by an Offeror must be factored into the

Offeror's project cost. Each Offeror must provide a very specific description of any equipment or hardware it needs to acquire to perform the work. This description should indicate whether or not each particular piece of equipment or hardware will be included as part of a deliverable item under the resulting award.

In addition, this description should identify the component, nomenclature, and configuration of the equipment or hardware that it proposes to purchase for this effort. The Government wants to have the contractor purchase the equipment or hardware for deliverable items under its contract. It will evaluate case-by-case the purchase, on a direct reimbursement basis, of special test equipment or other equipment, not included in a deliverable item will be evaluated for allowability on a case-by-case basis. Maximum use of Government integration, test, and experiment facilities is encouraged in each of the Offeror's proposals.

Government research facilities may be available, and should be considered as potential GFE. These facilities and resources are of high value, and some are in constant demand by multiple programs. The use of these facilities and resources will be negotiated as the program unfolds. Offerors should explain which of these facilities they recommend and why.

If any prototype, instrument or device that is produced during the period of performance of a funded project, one or more samples shall be delivered to DHS S&T CBD before the end of the period of performance for demonstration purposes. More specific information about the provision of a sample(s) will be incorporated in the Statement of Work.

8.2. SAFETY Act

As part of the Homeland Security Act of 2002, Congress enacted the Support Anti-Terrorism by Fostering Effective Technologies Act of 2002 (the "SAFETY Act"). The SAFETY Act puts limitations on the potential liability of firms that develop and provide qualified anti-terrorism technologies. DHS S&T, acting through its Office of SAFETY Act Implementation (OSAI), encourages the development and deployment of anti-terrorism technologies by making available the SAFETY Act's system of "risk management" and "liability management." Offerors submitting proposals in response to this BAA are encouraged to submit SAFETY Act applications for their existing technologies. They are invited to contact OSAI for more information, at 1-866-788-9318 or helpdesk@safetyact.gov. They also can visit OSAI's Web site at www.safetyact.gov.

8.3. Export Control Considerations

International Traffic in Arms Regulations (ITAR) may apply to one or more of the topics in this BAA. Foreign nationals must meet the requirements for participation set by those regulations, if required.

8.4. Security Classification

No Classified Project Description Forms or Full Proposals (or portions of proposals) will be accepted.

8.5. Subcontracting Plan

Successful contract proposals that exceed \$650,000.00, submitted by all but small business concerns, will be required to submit a Small Business Subcontracting Plan in accordance with FAR 52.219-9, prior to award.

8.6. Additional Deliverables

Performers should define additional program-specific deliverables as appropriate for the proposed approach. The Government may describe additional deliverables at the time proposals are requested.

8.7. Reporting

The following *minimum* deliverables will be required under traditional procurement contracts or other transactions agreements awarded to those offerors whose Proposals are selected for award.

Monthly Project Status Report

The report must be electronically submitted to the Program Manager within fifteen days after the last day of each month. At minimum, the Monthly Project Status Report shall include the following information:

Static Information (Information that does not change monthly over the project):

- Project Title
- DHS Project Control #
- Period of Performance
- Principal Investigator's Name, Telephone Number, E-mail and Unclassified/Secure Facsimile Number(s)
- Performer's Financial Contact Name and Telephone Number

Monthly Update Information To Be Provided in Bulleted or Short Narrative Format:

- Activity During the Past Reporting Period (month)
- Progress Achieved Against Deliverable(s) During Reporting Period
- Progress Achieved Against Project Milestones and Tasks During Reporting Period
- Deliverables Submitted This Period
- Milestones Reached/Achieved This Period
- Other Noteworthy Accomplishments (Meetings, Presentations, Publications, etc.)
- Topics of Concern/Slippage (Technical, Schedule and/or Cost)
- Recovery Plan (if needed)
- Explicit Plans for Next Month
- Project Budget Information (Amount Spent During Reporting Period, Cumulative Amount Spent Since Project Inception, and Amount of Funding Remaining)

The following deliverables, primarily in contractor format, are anticipated as necessary. However, specific deliverables should be proposed by each Offeror and finalized with the contracting agent:

- Monthly Progress Status Reports
- Presentation Material
- Other Documents or Reports
- Final Report (suitable for publishing and peer review)

8.8. Certificate of Current Cost or Pricing Data

Successful contract proposals that exceed \$700,000.00 may require the submission of a Certificate of Current Cost or Pricing Data in accordance with FAR 15.403-4(b)(2), prior to award.

8.9. Test and Evaluation Facilities

Department of Homeland Security Science & Technology Directorate may make available appropriate test and evaluation facilities to support this program. Offerors should provide any specific requirements needed for test and evaluation of their proposed concept in their white papers and proposals.

8.10. Hazardous Materials

Depending on the topic and in accordance with applicable FAR and DHS hazardous material clauses to be incorporated under any resultant contract award, offeror may choose to or be required to utilize hazardous materials during the course of the project development effort. If the government provides hazardous samples as part of the developmental and operational testing, information on the samples will be provided to the successful offerors requiring such samples.

Hazardous material, as used here, includes any material defined as hazardous under the latest version of Federal Standard No. 313 (including revisions adopted during the term of the contract). If the successful offerors choose to use their own hazardous samples, offerors must meet the requirements for the identification and material safety as follows:

HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SECURITY DATA

- (a) “Hazardous material,” as used in this section, includes any material defined as hazardous under the latest version of Federal Standard No. 313 (including revisions adopted during the term of the contract).

- (b) The Offeror must list any hazardous material, as defined in paragraph (a) of this clause, to be delivered under this contract. The hazardous material shall be properly identified and include any applicable identification number, such as National Stock Number or Special Item Number. This information shall also be included on the Material Safety Data Sheet submitted under this contract.

Material (*If none, insert "None"*) Identification No.

- (c) This list must be updated during performance of the contract whenever the Contractor determines that any other material to be delivered under this contract is hazardous.
- (d) The apparently successful Offeror agrees to submit, for each item as required prior to award, a Material Safety Data Sheet, meeting the requirements of 29 CFR 1910.1200(g) and the latest version of Federal Standard No. 313, for all hazardous material identified in paragraph (b) of this clause. Data shall be submitted in accordance with Federal Standard No. 313, whether or not the apparently successful Offeror is the actual manufacturer of these items. Failure to submit the Material Safety Data Sheet prior to award may result in the apparently successful Offeror being considered nonresponsible and ineligible for award.
- (e) If, after award, there is a change in the composition of the item(s) or a revision to Federal Standard No. 313, which renders incomplete or inaccurate the data submitted under paragraph (d) of this clause, the Contractor shall promptly notify the Contracting Officer and resubmit the data.
- (f) Neither the requirements of this clause nor any act or failure to act by the Government shall relieve the Contractor of any responsibility or liability for the safety of Government, Contractor, or subcontractor personnel or property.
- (g) Nothing contained in this clause shall relieve the Contractor from complying with applicable Federal, State, and local laws, codes, ordinances, and regulations (including the obtaining of licenses and permits) in connection with hazardous material.
- (h) The Government's rights in data furnished under this contract with respect to hazardous material are as follows:
- (1) To use, duplicate and disclose any data to which this clause is applicable. The purposes of this right are to—
- (i) Apprise personnel of the hazards to which they may be exposed in using, handling, packaging, transporting, or disposing of hazardous materials;
 - (ii) Obtain medical treatment for those affected by the material; and
 - (iii) Have others use, duplicate, and disclose the data for the Government for these purposes.

(2) To use, duplicate, and disclose data furnished under this clause, in accordance with paragraph (h) (1) of this clause, in precedence over any other clause of this contract providing for rights in data.

(3) The Government is not precluded from using similar or identical data acquired from other sources.

- (i) Except as provided in paragraph (i)(2), the Contractor shall prepare and submit a sufficient number of Material Safety Data Sheets (MSDS's), meeting the requirements of 29 CFR 1910.1200(g) and the latest version of Federal Standard No. 313, for all hazardous materials identified in paragraph (b) of this clause.

(1) For items shipped to consignees, the Contractor shall include a copy of the MSDS's with the packing list or other suitable shipping document which accompanies each shipment. Alternatively, the Contractor is permitted to transmit MSDS's to consignees in advance of receipt of shipments by consignees, if authorized in writing by the Contracting Officer.

(2) For items shipped to consignees identified by mailing address as agency depots, distribution centers or customer supply centers, the Contractor shall provide one copy of the MSDS's in or on each shipping container. If affixed to the outside of each container, the MSDS's must be placed in a weather resistant envelope.

Attachment A Sample White Paper Proposal Form Format

**BAA 14-003
WHITE PAPER PROPOSAL FORM**

Name of Project
Project Name XXX
CBDD OBAA TTA# or TTA#s Being Addressed in This Proposal
TFA# or N/A
Name(s) and Contact Information of Performers
Name: XXX Mailing Address: XXX Telephone: XXX Fax: XXX Secure Fax: XXX Email: XXX Secure Email : XXX
Name and Contact Information of Financial Contact
Name: XXX Mailing Address: XXX Telephone: XXX Fax: XXX Email: XXX
Requirement Addressed (500 words or less) (Reference Technology Focus Area[s])
XXX
Summary of Technical Approach & Project Activity (2,500 words or less)
XXX
Justification & Potential Benefits/Outcomes of Project (750 words or less)
XXX
Relationship to Other Proposals Being Submitted in Response to This BAA, if Any (300 words or less)
XXX
List of Tasks and Schedule During First Year (From Contract Award Date) (1,000 words or less)
Task 1: Task Name XXX (Contract Award Date to X month) Task 2: Task Name XXX (Month X to X month) ... Task N: Task Name XXX (Month X to X month) (Note: POP not to exceed 12 months)
Approximate Cost of Each Task/Total Project Cost During First Year
Task 1 Cost: \$ XXX Task 2 Cost: \$ XXX Task N Cost: \$ XXX Total Cost: \$ XXX
Description of Deliverable(s) and Schedule of Delivery During First Year
Deliverable 1: Deliverable Name XXX (Contract Award Date + X months) Deliverable 2: Deliverable Name XXX (Contract Award Date + X months) ... Deliverable N: Deliverable Name XXX (Contract Award Date + X months)
Proposed Follow-on Tasks in Option Years (If Multi-Year Project) (1,000 words or less)
Option Year #1 Tasks: Task Name(s) XXX Option Year #2 Tasks: Task Name(s) XXX Option Year #3 Tasks: Task Name(s) XXX

Estimated Costs for Work in Follow-On Years (If Multi-Year Project)
Total Cost for Option Year #1 Tasks: \$ XXX
Total Cost for Option Year #2 Tasks: \$ XXX
Total Cost for Option Year #3 Tasks: \$ XXX
Go / No Go Decision Point(s) for Project Completion &/or Follow-On Work (150 words or less)
Project Completion and/or Follow-on Decision Point(s): <i>(Criteria at completion of particular Task or Deliverable (Contract Award Date + X months)</i>
Related Experience/Qualifications of Performer(s)/Laboratory (500 words or less)
XXX
References/Related Research (500 words or less)
XXX
Comments (500 words or less)
XXX

