



BROAD AGENCY ANNOUNCEMENT (BAA)

Borders and Maritime Security Division (BMD) BAA 12-13

Wide Area Airborne Surveillance System (WAASS)

White Papers Due: See Anticipated Schedule of Events in paragraph 4.6
Full Proposals Due: See Anticipated Schedule of Events in paragraph 4.6

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1. GENERAL INFORMATION

1.1. Introduction

This solicitation is a Broad Agency Announcement (BAA) issued under the provisions of Paragraph 6.102(d)(2) of the Federal Acquisition Regulation (FAR) to provide for the competitive selection of research proposals. Contracts based on responses to this BAA are considered to be the result of full and open competition and in full compliance with the provisions of Public Law (PL) 98-369, "The Competition in Contracting Act of 1984." A formal Request for Proposals (RFP) will not be issued. Awards under this BAA are planned in Fiscal Year (FY) 2013. No contract awards will be made until appropriated funds are available from which payment for contract purposes can be made.

1.2. Agency Name

Department of Homeland Security
Science & Technology Directorate
Borders and Maritime Security Division
Washington, DC 20528

1.3. Research Opportunity Title

Wide Area Airborne Surveillance System (WAASS)

1.4. Program Name

The Department of Homeland Security, Directorate of Science & Technology (DHS S&T), Borders and Maritime Security Division's Wide Area Airborne Surveillance System (WAASS).

1.5. Research Opportunity Number

BAA 12-13

1.6. Solicitation 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 this solicitation. 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 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. 1531) or other appropriate authority. Depending on the nature of the Full Proposals received, DHS S&T will also consider awarding a grant or cooperative agreement. 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.

A two-step proposal selection process will be used for this solicitation to minimize the cost and effort for prospective offerors. Step 1 will consist of the solicitation, receipt, and evaluation of white papers (using standardized DHS Borders and Maritime Security Program "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 Step 1 responses.

A down-selection process will be conducted by the DHS and those Step 1 white paper proposals selected will be encouraged to participate in Step 2, which will consist of the solicitation, receipt, and evaluation of a Full Proposal, limited to 20 pages, excluding the Formal Transmittal Letter, Cover Page, Table of Contents and resumes/biographical information for proposed performers.

1.7. Response Dates

White Papers (in DHS Borders and Maritime Security Program Project Proposal Form format) Due: See Anticipated Schedule of Events in paragraph 4.6

There will be an opportunity during the White Paper submission phase for questions and recommended revisions to any of the requirements in Tables 1.8.2.1.3 in this BAA. Any proposed revisions that are recommended by an offeror must be accompanied with specific suggested alterations to the requirement. DHS will consider the revision(s) before issuing full proposal invitations; however, there is no guarantee that a recommendation will be approved by DHS.

Full Proposals Due: See Anticipated Schedule of Events in paragraph 4.6.

1.8. Research Opportunity Description

1.8.1 DHS Borders and Maritime Security Division's Wide Area Airborne Surveillance System (WAASS) Background

The Science and Technology (S&T) Directorate is the Department's primary research and development arm. The S&T Directorate provides federal, state and local officials with the technology and capabilities to protect the homeland. The Directorate's mission is to protect the homeland by providing government officials with state-of-the-art technology and other resources. The Borders and Maritime Security Division (BMD) in S&T supports this mission by developing and transitioning technical capabilities that enhance U.S. border security without impeding commerce and travel. Part of this effort is to evaluate Wide Area Airborne Surveillance Systems (WAASS) and technologies for DHS's air operational components, especially DHS/Customs and Border Protection (CBP) and the United States Coast Guard (USCG). The general goal of this effort is to assist CBP and USCG in fielding new sensor capabilities that will strengthen our ability to

regularly monitor large land and maritime areas for small targets of interest including, typically, vehicles, people, and contraband.

1.8.1.1. Terminology and Configuration

For the purposes of this acquisition, the following information is essential to clear and effective communication of the technical scope and bounds of this effort.

Terminology:

- Video Downlink: The system shall have a near-real-time video downlink to a control room (T) or to a control room and near-real-time beyond line of sight (BLOS) ruggedized mobile receiver on the ground (O)
- Latency: The wide-area imagery collected by the aircraft shall be displayed in the control room in “near-real-time”; the total delay, from the time of observation by the imaging system aboard the aircraft, to the time when the imagery is displayed in the control room, shall be no more than 6 seconds (T) or 3 seconds (O).
- Coverage and Resolution: The image for the persistent area under wide area surveillance shall be 5 km² coverage with 0.5 m Ground Sample Distance (GSD) (T) or 10 km² coverage with 0.25 m GSD (O)
- Target Identification: The image clarity of a target-of-interest (TOI) within the persistent area under wide area surveillance shall enable the identification of that TOI as a person, an animal, or a vehicle (T), and, for a person, enable identification of weapons carried by that person (O).
- Flight Operations: All flights must be operated in accordance with all Federal Aviation Regulations (FAR). *Note: Nogales, AZ is ~4000 ft above Mean Sea Level (MSL); FAR 91.211 requires that oxygen shall be available when flying above 12,500 ft MSL.*
- Strip Imaging: The system shall be capable of being operated in a strip-wise imaging mode covering long linear areas, tens to hundreds of kilometers in extent, such as open, remote borders and including an automated, real time, motion detection capability that cues a spotter imager for target identification (T)
- Operational Environment: The system shall work under day and night conditions (T)
- Tracking: The system shall be able to simultaneously track and monitor in near-real-time 4 (T) or 10 (O) mid-size cars (~16x6 ft each) traveling less than 5 mph with no line of sight obstructions (*i.e. tunnels, trees, etc.*) or 2 (T) to 8 (O) average sized males traveling at a walking pace or greater
- Monitoring Areas of Interest (AOIs): The system shall be able to simultaneously monitor 6 (T) or 15 (O) 100 m x 100 m areas of interest within the imaging area and track all activity in and out of the area of interest.
- Forensics: The system shall provide forensic (*recorded*) video and tracking data , including analysis and exploitation products (see below), to CBP’s action officers within 24 hours (T) or 8 hours (O) of the aircraft landing after every flight.
- Readiness and Robustness: Given favorable weather conditions, the system shall be capable of conducting 2 flights per day (four hours in duration), providing a minimum of 3 hours of time-on-station, over 5 consecutive days, for a total of 10 flights total. In the event that weather prevents one or more scheduled flights from taking place as scheduled, the flights must be made up on the days immediately following the originally scheduled test period
- Usability and Data Exploitation: Tools for exploitation of the real-time and forensic imagery must be provided as part of the flight demonstrations and must be relatively simple

to use, intuitive to control and reliable. Basic tools that geo-reference and can manually track people and vehicles are required. The data management capability shall include the creation of a data archive of all imagery for immediate exploitation, in a format that enables easy search, retrieval, and manipulation of any part of the database. Other tools and/or related capabilities are of interest, such as: tools for automated tracking, automated moving target detection, watch/alert-boxes, localization, accurate registration, mensuration, track and video recording, real-time and forensic compression, target identification, behavior analysis, and automated cross cueing with off-board sensors. The imagery data must be transferable over a terrestrial network determined by the Government to enable forensic analysis.

- Size, Weight, and Power (SWaP): The system shall fit within the SWaP parameters of CBP's King Air B-200 aircraft (T) or a General Atomics Predator B Unmanned Aerial System Aircraft (O).

1.8.2 Scope of Work

This statement of work describes technical and administrative tasks to be accomplished over the stated period of performance for this contractor-site effort. The work involved will require science and engineering professionals with experience in sensor technology, software development, and aircraft operations that can travel within the United States, as required. In addition to engineering services, graphics/multimedia support will be required.

The contractor shall demonstrate a Wide Area Airborne Surveillance System (WAASS) capability in FY2013 in Nogales, Arizona, or in another venue determined by DHS S&T, via manned or unmanned flight testing. The emphasis of this program initiative is on technical performance in an operational environment. Specifically, during this flight test and evaluation, S&T will assess a WAASS that is responsive to the Threshold (T) and/or Objective (O) requirements as detailed in Section 1.8.

The contractor shall provide a technical description that presents existing or expected performance characteristics/capabilities for key components of the technology to be flown, tentatively, in FY2013, that is responsive to the requirements summarized in Section 1.8, and that addresses, specifically:

- Sensors: Operating spectrum (day/night operations), all weather, SWaP, resolution, Field of View (FOV), sensitivity, stability, range(s), recommended platform(s) and operating altitude(s), sensor pointing approach, geo-location accuracy
- Sensor CONOPS, either proposed or as tested, including interaction with assumed other systems necessary for operation or cross-cueing
- Sensor Control: Hardware/software, human machine interfaces
- Sensor Networking: Hardware/software descriptions
- Communications: System SWaP, Line of Sight (LOS)/Beyond LOS data link rates/operating frequencies, transmission rates, data compression techniques, encryption
- Data Storage: SWaP, capacity, throughput rates (input & output)
- Processing, Exploitation and Dissemination (PED): Software and algorithms supporting sensor processing, automated analysis tools for real-time target cueing, exploitation and forensic analysis, automated event detection and reporting, geo-location accuracy; data organization framework, data storage, data discovery and retrieval
- Standards: Identify any applicable standards

- Any assumptions made and any derived requirements generated

1.8.3. Description of work

This BAA primary objective of WAASS is to simultaneously collect, detect, and highlight select observables within a large land or maritime region. Such collection shall be persistent, offering long-duration surveillance over urban and rural areas. The surveillance system shall have an electro-optical capability for daylight missions as well as an infrared capability for day or night operations. The sensor shall integrate with an airborne platform for data gathering/dissemination, power, and other support functions. The imagery data shall be displayed at a DHS operations center and have the capability for forensic analysis within 8-to-24 hours from time of collection (see further details in Section 1.8). The Contractor shall provide a sensor system that is mature and ready-to-use at the time of proposing. Specifically, S&T seeks a system that has already achieved a high level of technology readiness and a correspondingly low level of overall risk associated with implementation (field test; transition to DHS users; etc.).

The Contractor shall provide their own air asset and sensor resources (plane, pilot, sensor system, data storage unit, etc.), and shall be insured with the necessary liability coverage outlined in FAR 28.307-2(d): *Aircraft public and passenger liability insurance. Coverage shall be at least \$200,000 per person and \$500,000 per occurrence for bodily injury, other than passenger liability, and \$200,000 per occurrence for property damage. Coverage for passenger liability bodily injury shall be at least \$200,000 multiplied by the number of seats or passengers, whichever is greater.*

1.8.4 Deliverables

The contractor shall submit copies of all deliverables to the COR, according to the schedule contained in the table below. Acceptance of deliverables will be made by the COR. All documentation developed by the contractor shall become the property of the Government and shall not contain proprietary markings.

TASK NUMBER	DELIVERABLE	SOW REFERENCE	DELIVERY TIME
01	Project Management Plan (PMP)	1.1	Initial PMP will be included in proposal; Revisions are due upon request by the COR within 15 calendar days of the kick-off meeting.
02	DHS S&T Suitability Clearance Plan	1.1	(If Requested) Two (2) months after kick off meeting.
03	Draft WAASS Test Plan	1.2	Due within two (2) months after the kick-off meeting. Revisions are due upon request by the COR.
04	Final WAASS Test Plan	1.2	Due within five (5) days of receipt of S&T comments on Draft Test Plan
05	OPSEC Security Plan	1.3	Two (2) months after kick-off meeting
06	Flight Test Daily Report	1.4	A summary report of the daily test activity due within four (4) hours of completion on

			appropriate media.
07	Flight Test Data	1.4	Due near real-time or within 36-to-48 hours of testing. Includes forensic analysis.
08	Draft Test Report	1.5	Due within 60 days of completion of the last test event.
09	Test Final Report	1.5	Due within 60 days of completion of the last test event. Revisions are due upon request by the COR.
10	Technology Transition Draft Plan	1.6	Due 60 days after conclusion of flight test week.
11	Monthly Status Report	1.7	Due seven (7) calendar days after the month's activities.
Option Year 1 Deliverables should be identical to above.			

1.8.5 Tasks

1.1. Planning Phase: Project Management Plan (PMP)

The contractor shall submit a Project Management Plan (PMP) that explains how the contractor will plan, staff, and execute project tasks so as to ensure that the objectives of the WAASS project are achieved. Through the creation and maintenance of the PMP, the contractor shall keep the COR and PM fully aware of WAASS plans and activities and shall obtain approval from the COR on any decisions which are likely to affect project deliverables or schedule. At a minimum the contractor's Project Management Plan shall include the following:

- Purpose and Mission
- Marketing Strategy and Proposed Initiatives
- Detailed Implementation Strategy
- Schedule
- Proposed Budgets, Performance Analysis
- Contingency Planning
- Additional Considerations
- Identification of any licensing or regulatory issues, FCC clearances, etc.
- Description of how Personally Identifiable Information (PII), if any, shall be protected
- Operational Security (OPSEC) Plan - a plan for obtaining DHS S&T suitability clearance for all contractor staff to be working on and knowledgeable of this program as directed by the DHS S&T COR.
- Data Security Plan – a plan for protecting collected data and information derived from this program as operationally sensitive to the United States Government, to include storage, transmission, and destruction of said data. .

The contractor shall:

- Regularly consolidate, track, and update the WAASS PMP
- Identify and track dependencies, risks, and assumptions
- Identify staffing requirements and timing of resource boarding and exiting
- Generate scenario-planning representations (duration, resources, and milestones plans)

- Track monthly cost-and-schedule actual results against original baselines and track any formal changes to baselines

The contractor shall submit an initial PMP with the Technical Proposal, and a revised PMP incorporating S&T comments within 15 calendar days of the kick-off meeting. The underlying goal of the PMP is to provide the COR and Verification Division stakeholders an agreed-upon reference point to guide them through the WAASS project to successful completion. The plan shall:

- Focus the WAASS team only on the stated project
- Prioritize tasks
- Allocate resources
- Establish timelines and milestones
- Identify and Mitigate risks
- Ensure the end product meets DHS/S&T's and DHS/CBP's expectations
- Include a Communication Plan
- Include a Risk Management Plan
- Include an OPSEC Plan

The WAASS PMP will remain a living document, which will allow the government and contract team members to change or update tasks within the contract requirements, processes and timelines as new data are uncovered. The contractor shall update the PMP, at a minimum, quarterly.

1.2. Flight Test Planning

1.2.1. Flight Test Planning Working Group

The contractor will host an up to 2 day flight test planning working group meeting with attendees from Office of Technology Innovation & Acquisition (OTIA), Office of Air and Marine (OAM), Office of Border Patrol (OBP), Office of Intelligence and Legislative Liaison (OIIL), and other stakeholders to develop a DHS S&T CONOP to guide test plan development.

1.2.2. Flight Test Plan Development

The contractor shall submit for DHS S&T approval a Test Plan that explains how the contractor will execute and staff the flight test demonstration of the WAASS technology. The Test Plan shall provide a background, summary of test articles (sensor and aircraft platform), test resources, safety and security requirements, test evaluation strategy (including Critical Operational Issues, Measures of Effectiveness, and Measures of Performance), risk assessment, test procedures, test reporting overview, logistics, and test cards.

The contractor shall submit an initial Test Plan within two months of the kick-off meeting, followed by a Final Test plan within five (5) days of receipt of S&T comments. The underlying goal of the Test Plan is to provide the test and evaluation strategy and identify commitments of all parties involved. The deliverables will include:

1.2.2.1. Test Plan

1.2.2.2. Test Cards – specific detail on the methodology to accomplish each Measure of Performance including airspace, frequencies, data dissemination, resources, and test limitations

1.2.2.3. Test Safety Review – following a thorough risk analysis, the safety review will identify all safety risks, their associated impact, and mitigation options. A DHS government representative will chair the Safety Review Board.

1.2.2.4. Test Readiness Review – prior to test execution, the government will chair a meeting to review test readiness and any remaining issues.

1.3. Operational Security Plan

The Contractor shall submit an Operational Security (OPSEC) Plan, within two months of the kick-off meeting, which details how the flight testing will be conducted to ensure compliance with DHS's OPSEC requirements. Requirements will be provided to the contractor on a case-by-case basis, as needed and as determined by the COR. DHS operates in a law enforcement and FOUO environment which, in many respects, is similar in practice to the restricted and classified operational environments of the DoD and intelligence communities.

1.4. Flight Test Execution

Once DHS S&T Suitability clearances have been obtained for all relevant staff (if required by the COR) the Contractor shall conduct at a minimum, five (5) consecutive days, which may include night-time operations, of flight test demonstrations of the WAASS airborne sensor in Arizona, the northern border, or at another site determined by DHS S&T. The testing will occur over a one week period (two, four-hour flights per day) using scripted and unscripted scenarios. The contractor shall collect flight test data per the objectives in the Test Plan and transmit data in near real-time to a government designated operations center(s). The contractor shall provide complete mission data to the government within 4 hours after flight. Flight testing will occur after successful completion of the Test Plan, associated Test Cards, and successful closure of all issues identified during the Test Safety and Readiness Reviews.

The deliverables under this task include the following items:

- 1.4.1. *Daily Report* – A summary report of the daily test activity (flight hours, objectives attempted/completed, issues, and recommendations) to the government within four hours after the last test event each day.
- 1.4.2. *Data Dissemination* – Data will be available at the government operations center in near real-time. Additionally, the complete data package and associated analysis software will be available to the government within 36 hours of each flight. This complete data package will be used for forensic analysis. The recorded imagery is property of DHS. The contractor will keep a separate set of data available for two years after testing.
- 1.4.3. *Forensic Analysis Products* – Data products needed for forensic analysis (e.g., patterns of life associated with specific targets or areas of interest recorded during a flight) shall be provided to the government within 36-to-48 hours after each flight.

1.5. Flight Test Reporting

The contractor shall deliver a DRAFT Final Test Report within 30 days of the last test event. The contractor shall deliver the Final Test Report within 60 days of completion of the last test event. This test report shall include details of all failures and test aborts including Mean Time Between Failure calculations. The final report shall include a detailed communications and data link analysis including current and predicted data link needs for the next 10 years based on sensor resolution and other factors. Scalability of the system in both on-board single-platform and multiple-platform capabilities will be discussed.

The contractor will be available to out-brief the test results to the government after delivery of the Final Test Report in the Washington, D.C. area.

The deliverables under this task include:

1.5.1. *Final Report*

1.5.2. *Flight test data stored/archived on appropriate media*

1.6. Technology Transition Plan

The contractor shall deliver a draft or recommended WAASS Technology Transition Plan to the COR within 60 days of completion of the flight test week. The plan should identify end-to-end (or life-cycle) costs, contracting options (e.g., buy, lease) and associated rough order-of-magnitude (ROM) costs, if available, for preliminary consideration by S&T's customers should they wish to consider and prepare an acquisition plan.

1.7. Monthly Status Report

The contractor shall deliver a Monthly Status Report covering the accomplishments on the WAASS project from the prior month and the anticipated accomplishments/objectives for the subsequent month. The Monthly Status Report is due by the seventh day on the month after the period of performance. At a minimum, the Monthly Status Report shall include:

Management Summary: Documenting any major problems/issues, current expenditures by work hours, and any significant progress or events.

Resource Expenditures: Funds expended during the reporting period, cumulative total, and funds remaining on contract.

Narrative: Description of work performed on tasks(s) during the reporting period and expected to be performed during the next month, including discussions of any problems/issues and recommendations for correction by the 10th working day following the end of each month. The Contractor shall report task status in accordance with the milestones and objectives identified in the appropriate project plan.

Report Headings: The heading on all reports shall contain the following information:

- Contract Number
- Name of Contractor
- Phone Number of Contractor
- Period of Performance
- Contract Program Manager
- Total Dollar Value/Cost Plan
- Title of Project
- Contracting Officer's Technical Representative
- Management Summary
- Resource Expenditures
- Narrative
- Problems and Issues

Contractor Personnel: The Contractor shall provide qualified personnel to perform all requirements specified in this SOW. Key Personnel would include:

- Project Manager
- Deputy Project Manager
- Administrative Support Office

- Contracting Officer
- Deputy Contracting Officer
- Security Officer
- OPSEC Officer
- Flight Test Manager
- Flight Test Logistics Manager

1.8.6 Period of Performance

The period of performance for this SOW is a Base Period of 12 months with an option for 12 additional months from the contract award date. The projected schedule for submission of White Papers and Full proposals is as follows:

1.9. Government Representatives

Science and Technology:

Dr. John Appleby
Program Manager
Borders and Maritime Security Division
Science and Technology Directorate
Department of Homeland Security
Washington, DC 20528

Business:

Carolyn Smith
Contracting Officer
Department of Homeland Security
Science & Technology Acquisitions Division
Washington, DC 20528

2. AWARD INFORMATION

2.1. Available Amount of Funding Expected to be Awarded Through this BAA

Although subject to official fiscal appropriation and availability, it is anticipated that the Borders and Maritime Security Division will have approximately \$1.25M for award under this BAA.

2.2. 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 awarded will not have a period of performance that exceeds 24 months from the receipt of funding by the performer.

2.3. Anticipated Number of Awards

DHS S&T may make multiple awards under this BAA.

2.4. Anticipated Award Type

Anticipated award type is to be in the form of a Cost Reimbursement type contract. However the Government reserves the right to award grants, Cooperative Agreements (CAs), Other Transactions (OTs), or Interagency Agreements (IAA's) to appropriate parties should the situation warrant.

2.5. Period of Performance for New Award (s)

The period of performance for research efforts and studies proposed should not exceed 12 months (with a possible exercise of a 12-month option), for a potential, maximum PoP of 24 months from the date of award. The final deliverable for this effort shall be the Final WAASS Test Plan due within five (5) days of receipt of S&T comments on Draft Test Plan.

3. ELGIBILITY 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.

3.1. 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.

3.2. 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) (HBCU/MIs), 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.

3.3. Organizational Conflict of Interest

Organizational Conflict of Interest issues will be evaluated on a case-by-case basis, as outlined below. Offerors who have existing contract(s) to provide scientific, engineering, technical and/or administrative support directly to the DHS S&T Directorate 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.

4. APPLICATION AND SUBMISSION INFORMATION

4.1. BAA Package Download.

This BAA package may be downloaded in its entirety from the FedBizOpps 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.

4.2. 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>. Interested parties are encouraged to register early in the process.

To begin the process, go to <https://baa2.st.dhs.gov>, and select BAA12-13 from the list on the left side of the screen, and then select the appropriate topic area. Upon proper selection, buttons for registration and submission will appear. Select the appropriate registration button and fill in the requisite fields. Then submit your registration for submission of a White Paper (a completed Borders and Maritime Project Proposal Form).

To submit your White Paper (DHS S&T Borders and Maritime Security Proposal Form), select the appropriate submission button, fill out the requested fields, upload your files, and then submit. 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 DHS S&T Borders and Maritime Security Project Proposal Form) will disqualify an Offeror from consideration for submitting a Full Proposal.

In teaming situations, the lead organization must remain the same on both the White Paper (in Project Proposal Form format) and the Full Proposal. Any Full Proposal submitted by

organizations that were not the lead organization for the White Paper (DHS S&T Borders and Maritime Security Project Proposal Form) submission will be considered non-responsive.

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

No Classified White Papers (DHS S&T Borders and Maritime Security Project Proposal Forms) or Full Proposals (or portions of proposals) will be accepted.

4.3. Format and Content of White Paper (DHS S&T Borders and Maritime Security Project Proposal Form)

DHS S&T Borders and Maritime Security Project Proposal Forms are being solicited in the White Paper narrative form. For the purposes of the website, a completed Borders and Maritime Security Project Proposal Form (a MS Word document) constitutes a White Paper. See the Anticipated Schedule of Events in paragraph 4.6 for the due date for the White Papers (completed DHS Borders and Maritime Security Project Proposal Forms) and for when notification of DHS S&T evaluation of the Borders and Maritime Security Project Proposals Forms (White Papers) will be issued via e-mail.

DHS Borders and Maritime Security Project Form Preparation and Submission Guidelines

It is required that a DHS Borders and Maritime Security Project Proposal Form be submitted prior to a Full Proposal to determine the acceptability of the proposed concept to Broad Agency Announcement requirements. Submitters will be encouraged to submit Full Proposals based on the Project Proposal Form (White Paper) review. Awards will be based on the Full Proposal.

A copy of the DHS Borders and Maritime Security Project Proposal Form (White Paper) is attached as Appendix 8.2. Entries in the various sections of the Project 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.

An invitation to submit a full proposal will be sent to companies that provide a white paper that DHS S&T considers most advantageous. However, if a white paper is submitted from your company and a no request for a full proposal is received from DHS S&T, you are **not** excluded from submitting a full proposal.

4.4. Format and Content of Full Proposals

Note: DHS Borders and Maritime Security Project Proposal Forms (referred to as White Papers on the website) are required prior to submitting a Full Proposal.

Full Proposals

See the Anticipated Schedule of Events in paragraph 4.6 for the due date for receipt of Full proposals. **Full Proposals WILL NOT BE ACCEPTED after the published due date.** Proposals that exceed the page limit will not have the extra pages reviewed, which may affect the proposal rating. The unsuccessful Offeror will have 3 days upon notification to request a feedback session.

Full Proposal Format: Volume 1 Technical Proposal; and Volume 2 - Cost Proposal

Only Offerors who submit a Borders and Maritime Security Project Proposal Form (White Paper) will be considered for Full Proposals. The Government will advise in writing those Offerors encouraged to submit Full Proposals and those Offerors not encouraged to submit Full Proposals.

Full proposals will consist of two volumes: a Technical Proposal volume and a Cost Proposal volume.

- 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 20 single-sided pages. Full 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 Full Proposal are not subject to the page limitation.
 - Volume 2: (Cost Proposal): No page limitation.
- 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.

Full Proposal Content

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Volume 1: Technical Proposal

Volume I of the Full 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 shall cover all of the elements of the Project Proposal Form (White Paper) that was submitted. In particular, 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 this 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) Title of Proposal;
 - 3) Identity of prime Offeror and complete list of subcontractors, if applicable;
 - 4) Technical contact (name, address, phone/fax, electronic mail address);
 - 5) Administrative/business contact (name, address, phone/fax, electronic mail address); and,
 - 6) Duration of effort (separately identify the basic effort and any options)
- 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 objectives.
- Detailed Technical Approach: Describe the proposed technical issues and methodology to address the stated program objectives set forth.
- 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, 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, hardware, reports/papers, and sensor image outputs consistent with the objectives of the work, along with 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, 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.
- 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 years 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 20-page limit.
- Other DHS Support: As an appendix, provide a list of any current or pending awards or proposals with DHS that pertain to this work. This section will not count towards the 20-page limit.
- Assertion of Data Rights: Due to the nature of this research and development project, the Government will need information to evaluate the deliverable in a field prototype evaluation scenario with Government personnel, such as the National Institute of Standards and Technology (NIST), Transportation Security Administration (TSA), Customs and Border Protection (CBP), Secret Service, etc. Therefore, include here a summary of any assertions to any technical data or computer software that will be developed or delivered under any 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 BAA 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 as an attachment to its offer and shall contain the following information:

- (1) 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:"

(2) 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.

(3) 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 Small Business Innovation Research (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.

(4) 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.

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

(6) 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:

- (i) The contract number under which the data or software were produced;
- (ii) 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
- (iii) 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.

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.

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: Cost Proposal

The 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 "Cost Proposal" should appear on the cover page in addition to the following information:

- BAA number;
- Title of Proposal;
- Identity of prime Offeror and complete list of subcontractors, if applicable;
- Technical contact (name, address, phone/fax, electronic mail address)
- Administrative/business contact (name, address, phone/fax, electronic mail address) and;
- Duration of effort (separately price out the basic effort and any options)

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. (Travel estimate should include costs for attendance/presentation at an annual Biometric Consortium Conference, typically held in Tampa FL.)
- 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 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 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 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.

4.5. 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. Offerors submitting proprietary information should specifically mark or identify any information they perceive is proprietary for which they seek added protection.

4.6. Significant Dates and Times

DHS S&T plans to review all Project Proposal Forms (referred to as White Papers on the website) and subsequent Full Proposals in accordance with the "Schedule of Events" set forth in the table in this section, using the evaluation criteria described in Section 5.1. After the Project Proposal Forms (White Papers) review, DHS S&T will notify Offerors, electronically or in writing, either encouraging or discouraging submission of a Full Proposal based upon that review. A Review Panel will evaluate the Full Proposals using the criteria specified under the evaluation criteria set forth in Section 5.1. Following that review, Offerors will be notified whether or not their proposal has been selected for negotiation. It is anticipated that multiple awards may be made under this BAA.

The Government reserves the right to fund none, some, or all of the proposals received. It is the intention upon completion of the proposal evaluation to notify Offerors of an initiation of negotiation for awards or rejection of their proposal. Awards will be made based on the evaluation, funds availability, and other programmatic considerations.

Anticipated Schedule of Events		
Event	Due Date	Time (E.S.T.)
BAA Posted to Website	08/17/2012	4:30 PM
Deadline for Submission of WAASS Proposal Form (White Paper) Questions	08/22/2012	4:30 PM
White Paper (in Project Proposal Form format) Website Registration Deadline – White Paper (Project Proposal Form) and Recommended Revisions Due Date	08/27/2012	4:30 PM
Invitations to Submit Full Proposals Sent	08/31/2012	N/A
Deadline for Submission of Full Proposal Questions	09/06/2012	4:30 PM
Full Proposal Website Registration Deadline - Full Proposal Due Date	09/13/2012	4:30 PM
Notification of Selection for Award Pending Successful Negotiations	09/25/2012	N/A
Contract Award	TBD	N/A
Kickoff Meetings	TBD	TBD

4.7. Submission of Late White Papers (Project Proposal Forms) and Full Proposals

White Papers (in Project Proposal Form format) and Full Proposals **WILL NOT BE ACCEPTED** after the published due dates.

4.8. Further Assistance Needed for this BAA

The applicable electronic address for all correspondence for this BAA is: BAA12-13@dhs.gov.

For technical assistance with using the <https://baa2.st.dhs.gov> website, submit questions to the administrators at dhsbaa@reisystems.com.

4.9. 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 BAA mailbox "BAA12-13@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.

5. EVALUATION INFORMATION

5.1. Evaluation Criteria

The evaluation of White Papers (in Borders and Maritime Proposal Form format) and Full Proposals will be accomplished through an independent technical review using the following criteria, which are listed in descending order of relative importance.

Criterion I: Potential Contribution and Relevance to DHS S&T/BMD Mission: Potential of the proposed work for providing technology or solutions that meet the requirements, systems attributes, and performance parameters set forth in Section 1.8 of this BAA. The effort will be judged on the extent to which the proposed effort will meet the stated objective of providing a realistic and relatively low-cost variant of a Wide Area Airborne Surveillance System (WAASS) that is of a high technology readiness level (TRL).

Criterion II: Overall Scientific and Technical Merit: Presentation of a sound technical approach to the proposed work that demonstrates reasonableness and responsiveness to, understanding of, as well as a clear path to address challenges presented by Section 1.8 of this BAA.

Criterion III: Sound Management Approach: Demonstration of a capability of the contractor's team and team members to perform the proposed work, including history of previous performance in developing related solutions and technologies.

Criterion IV: Cost Realism: Presentation of accurate, well-founded and reasonable estimates of all costs related to performance of the proposed effort, including an appropriate allocation of labor resources.

Criterion V: Offeror's Capabilities and History of Performance: Presentation of a sound managerial approach to the proposed work, including a demonstrated understanding of the issues and challenges associated with fulfilling project requirements, as well as a strategy to address project requirements, issues and challenges. A successful team will possess multidisciplinary expertise to address the complexity of the effort.

Evaluation of White Papers (in Project Proposal Form format) and Full Proposals will be based on an assessment of the proposed solutions which are most advantageous to the Government based on the aforementioned criteria. Award(s) will be made based upon Full Proposal evaluation, funds availability, and other programmatic considerations, including awards to lesser rated proposals where alternative approaches and technologies are deemed to be more technically advantageous.

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

5.2. Evaluation Panel

All properly submitted White Papers (in Project Proposal 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.

Contract personnel who provide support (**administrative only**) to the panel and who have access to proposals at any stage will be bound by appropriate non-disclosure agreements to protect proprietary and source-selection information and shall certify that they have no financial interest in any submissions. They will not be permitted to release any source-selection information to third parties, including others in their organization. Submissions and information received in response to this BAA constitute permission to disclose that information to certified evaluators under these conditions.

6. AWARD ADMINISTRATION INFORMATION

6.1. Reporting

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

Monthly Project Status Report

Reports of project status will be solicited on a monthly basis from all performers using "Monthly Project Status Report Forms." These reports will be electronically submitted to the program manager within fifteen days after the last day of each month. The Monthly Project Status Report Forms provide a standardized format to collect 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)

Performers are requested to provide monthly update information only in those sections of the form that are applicable to the activities performed during the reporting period. If there is no updated information to report in a section, it can be marked "N/A" for Not Applicable, or left blank.

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)

6.2. Project Conferences, Meetings and Reviews

Program status reviews may also be held to provide a forum for reviews of the latest results from experiments and any other incremental progress towards the deliverables and major demonstrations. These meetings will be held at various sites throughout the country. For costing purposes, Offerors should assume that one of these one-day meetings will be at or near DHS S&T, Washington D.C., and one other meeting will be held at the contractor's facility or a near-by government facility.

6.3. Additional Deliverables

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

It is desired, whenever possible, that final reports be in a format that is publishable in appropriate scientific journals so that peer-review can be conducted.

7. OTHER INFORMATION

7.1. Government Property, Government Furnished Equipment, 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. 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.

7.2. Security Classification

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

7.3. Information for White Paper (in Project Proposal Form format) and Full Proposal Respondents

This BAA 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 this BAA and the Government's use of such information. Unnecessarily elaborate responses containing extensive marketing materials are not desired.

7.4. 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.

7.5 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. Offerors will need to have an adequate accounting system in order to receive a Cost-Reimbursement type contract.

7.6 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. APPENDICES

8.1. Appendix A – List of Acronyms

8.2. Appendix B - Sample White Paper in DHS S&T Borders and Maritime Security Division “Project Proposal Form” Format

8.3. Appendix C - Sample DHS S&T Borders and Maritime Security Division “Monthly Project Status Reporting Form”

8.1 - APPENDIX A – ACRONYM LIST

AGL	Above Ground Level
BLOS	Beyond Line-Of-Sight
BMD	Borders and Maritime Security Division
CBP	Customs and Border Protection
CDL	Common Data Link
COP	Common Operating Picture
DEA	Drug Enforcement Agency
DHS	Department of Homeland Security
EO	Electro-Optical
FAR	Federal Aviation Regulation
FEC	Forward Error Correction
FEMA	Federal Emergency and Management Agency
FOV	Field Of View
FPS	Frames Per Second
GIS	Geographic Information System
GMTI	Ground Moving Target Indicator
GPS	Global Positioning System
GSD	Ground Sample Distance
ICE	Immigration and Customs Enforcement
INS	Inertial Navigation System
IR	Infrared
LCD	Liquid Crystal Display
MBPS	Megabits Per Second
MP	Mega-Pixel
MSL	[above] Mean Sea Level
MWIR	Mid-Wave Infrared
NAI	Named Area of Interest
OIIL	Office of Intelligence and Investigative Liaison
OTIA	Office of Technology Innovation & Acquisition
PED	Processing, Exploitation, and Dissemination
PM	Project Manager
PMP	Project Management Plan
POC	Point of Contact
POE	Port of Entry
RF	Radio Frequency
RFP	Request For Proposal
SWaP	Size, Weight, and Power
S&T	Science & Technology
SME	Subject Matter Expert
TCDL	Tactical Common Data Link
USB	Universal Serial Bus

USCG United States Coast Guard
VNW VORTEX Native Waveform
WAAS Wide Area Airborne Surveillance
WAASS Wide Area Airborne Surveillance System

8.2 – Appendix B - Sample White Paper in “DHS Borders and Maritime Proposal Form” Format

**BORDERS AND MARITIME SECURITY PROGRAM
FY 2013 PROJECT PROPOSAL FORM (White Paper)**

Name of Project
Project Name XXX
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
List of Tasks and Schedule (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)
Cost of Each Task/Total Project Cost
Task 1 Cost: \$ XXX Task 2 Cost: \$ XXX Task N Cost: \$ XXX Total Cost: \$ XXX
Breakout and Categorization of Costs
Labor: \$ XXX M&S: \$ XXX Capital Equipment: \$ XXX Travel: \$ XXX Indirects: \$ XXX
Estimated Labor Hours: XX Hours Average Cost per Labor Hour: \$ XXX/hour
Description of Deliverable(s) and Schedule of Delivery

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)
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</i> (Contract Award Date + X months)
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

8.3. – Appendix C- Sample DHS S&T Borders and Maritime “Monthly Project Status Reporting Form”

DHS S&T BORDERS AND MARITIME SECURITY PROGRAM
FY 2013 MONTHLY PROJECT STATUS REPORT FORM
CONTRACTOR: XXX
MONTHLY PROJECT STATUS REPORT # x
For: xxx 200X (Month/Yr.)
Date Submitted: xxx ,2013
(Must be submitted to DHS PM by 15th of following month)

Deliverable:	
Project Title: Project Name XXX	
Purchase Request/IAA No.: XXX	Period of Performance: Contract Award Date (C.A.D.) [xx/xx/2013] + X Months = xx/xx/200X
Principal Investigator (PI): XXX	PI Telephone No.: XXX
PI Email: XXX	PI Facsimile No.: XXX
Financial Contact: XXX	Financial Contact Telephone No.: XXX
DHS Program Manager: XXX	DHS PM Telephone No.: XXX
DHS PM Email: XXX	DHS PM Facsimile No.: XXX

(Instructions: Provide bullets, short narrative and/or budget information updates in regular (non-Bold) red font at areas marked with “xxx,” where applicable. If nothing relevant to report occurred during reporting period, leave “xxx” on form. Use Bold red font if a noteworthy technical accomplishment is being reported that is appropriate for bringing to the attention of DHS and other federal senior managers [e.g. White House]. Completed forms should be provided as attachments to an e-mail to XXX and XXX by COB, xxxxx .xx, 200X.)

Activity During Past Month: xxx

Progress Achieved Against Deliverables: (C.A.D. = Contract Award Date)

Deliverable 1: Deliverable Name XXX (C.A.D. + X Mo. = xx/xx/200x) xxx

Deliverable 2: Deliverable Name XXX (C.A.D. + X Mo. = xx/xx/200x) xxx

Deliverable n: Deliverable Name XXX (C.A.D. + X Mo. = xx/xx/200x) xxx

Progress Achieved Against Project/Milestones/Tasks This Reporting Period:

Task 1: Task Name XXX (C.A.D. + X Mo. = xx/xx/200x) xxx

Task 1.1: xxx

Task 1.2: xxx

Task 2: Task Name XXX (C.A.D. + X Mo. = xx/xx/200x) xxx

Task 2.1: xxx

Task 2.2: xxx

Task 2.n: xxx

Task 3: Task Name XXX (C.A.D. + X Mo. = xx/xx/200x) xxx

Task 3.1: xxx

Task 3.2: xxx

Task 3.n: xxx

Deliverables Submitted This Period: xxx

Milestones Reached/Achieved This Period: xxx

Other Noteworthy Accomplishments (Meetings, Presentations, Publications, etc.): xxx

Topics of Concern/Slippage: xxx

- Technical - xxx
- Cost - xxx
- Schedule – xxx

Recovery Plan (if needed): xxx

Explicit Plans for Next Month:

Task # _ : xxx

Task # _ : xxx

Project Budget Information:

Total FY 2013 Funding Available:	SXXX
Spent this Month:	xxx
Cumulative Amount Spent since Inception of Project:	xxx
Amount of Funding Remaining:	xxx