



# Homeland Security

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Science and Technology

**BROAD AGENCY ANNOUNCEMENT (BAA)**

**Mass Rescue Operations Device**

***BAA 70RSAT21RB00000003***

**Department of Homeland Security  
Science and Technology (S&T) Directorate**

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## **1. General Information**

### **1.1. Introduction**

The Department of Homeland Security (DHS) Science & Technology Directorate (S&T) is announcing to businesses and academia its intent to solicit white papers and full proposals under this Broad Agency Announcement (BAA). This BAA is contemplated in Federal Acquisition Regulation (FAR) 6.102(d)(2) and 35.016.

S&T takes advantage of the BAA process to solicit innovative solution approaches to new and ongoing requirements, as DHS Components work to complete their missions. This BAA addresses a requirement by the U.S. Coast Guard (USCG) to support search and rescue activities attendant upon a mass-casualty event at sea.

### **1.2. Activity Description**

The S&T Office of Mission and Capability Support (MCS) objective is to lead the development of external-facing research and development (R&D) solutions that meet the mission and goals of DHS Components and other S&T customers.

Components work with dedicated S&T portfolio managers, who develop mission needs into actionable requirements for MCS. MCS program and project managers explore all available avenues to fulfill those requirements.

### **1.3. Agency Name**

Department of Homeland Security  
Science & Technology Directorate  
Office of Mission and Capability  
Support  
DHS S&T CBD – Mail Stop 0201  
245 Murray Lane  
Washington, DC 20528-0201

### **1.4. Program Name**

Mass Rescue Operations

### **1.5. Research Opportunity Number**

BAA 70RSAT21RB00000003

### **1.6. Government Representatives**

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## **2. Research Opportunity Description**

### **2.1. Background**

Mass Rescue Operations (MRO) at sea are Search and Rescue (SAR) operations characterized by the need to provide immediate assistance to large numbers of persons in distress in a situation that exceeds the capabilities normally available to SAR authorities. An MRO example is a catastrophic passenger vessel emergency in a remote area which requires personnel to leave the vessel with no or limited access to the vessel's inherent lifesaving apparatus. Mass rescue response options in off-shore scenarios are limited to vessels, which could have a response time of hours to days depending on the location, or fixed wing aircraft, which have limited capability to relieve an off-shore MRO event. (This could be exacerbated should the MRO occur in polar regions.)

Mass rescue scenarios are low probability, high consequence events. These incidents are considered low probability because passenger vessels and aircraft are equipped with redundant safety features which have, to a large extent, prevented MRO scenarios. MRO events are, however, high consequence events and thus demand conscientious investment of time and effort in advance planning to mitigate loss of life.

This procurement is the first step in the process of developing a non-standard, innovative, large capacity, ultra-lightweight floating device that could be deployed from air and surface assets during a MRO. The desired large capacity floating devices are not required to meet standard Safety of Life at Sea (SOLAS) requirements for life saving apparatus or domestic life saving apparatus requirements under 46 Code of Federal Regulation. The device should be able to be safely handled, transported and deployed by crewmembers aboard USCG aircraft or vessels with minimal risk (e.g., inadvertent activation, durable during handling, etc.). The purpose of a large capacity floating device is to solely keep survivors out of the water during a MRO. The Government will consider scalable designs, where more than one

device can be linked/tethered together to meet or surpass the requirements. (e.g., two 50-person devices for a total of 100 lbs.).

The desired large capacity floating device will differ from existing off-the-shelf USCG/SOLAS compliant "life saving devices" by its lighter weight, increased portability and limited functionality (e.g., only keeping people out of the water for a limited time, no survival supplies or equipment, etc.).

## 2.2. Scope

The scope of this BAA includes Phase I (Design Concept, Prototype Development and Controlled Environment Testing of Prototype) and a Phase II Option (Final Design Selection and Open Water Testing).

## 2.3. Phase I Technology Design Scope

The contractor shall develop a design concept for a large capacity floating device. The design concept may include engineering drawings, mock-ups or scaled models to demonstrate the device can meet the Government's requirements. Table 1 lists the requirements thresholds and objectives.

The Government has ranked the desired capabilities by order of importance.

Table 1. Thresholds and Objectives

<b>Requirements</b>	<b>Threshold</b>	<b>Objective</b>
Person Capacity	100	150
Total Weight (lbs.)	150	100
Functions as a life saving device (hrs.)	24	36
Size of packaged system (cu-ft.)	-	7
Shelf life (years)	5	10
Maintenance Requirements	Minimal Maintenance (i.e., 3 to 5 years)	No maintenance

Standard capabilities that the device shall meet:

1. Allows safe egress from the water
2. Ability to be deployed from a helicopter, fixed wing aircraft without a cargo ramp, or boat
3. Ability to operate in up to a maximum Sea State 5 condition
4. Ability to operate in water temperatures between 35 - 85°F
5. Ability to operate in air temperatures between 0 - 120°F
6. Redundant inflation capabilities (e.g., not one single point of failure)

7. Ability to be safely handled, transported, and deployed by crewmembers aboard USCG aircraft or vessels with minimal risk (e.g., inadvertent activation, damage to raft during handling, snag hazards, etc.)

The design concept shall include:

- 1) A description of the device, including materials used, inflation components, dimensions, weight;
- 2) The background and level of development of device (e.g., new, adapted from other application, used operationally before, used in test before, etc.);
- 3) A description of the operation of the device (how the components work together, how it is deployed) and any limitations of the device (e.g., weight, space, weather, temperature);
- 4) Specific developmental activities that are needed to complete final design;
- 5) Any unique requirement or limitation of the equipment (e.g., space needed, maintenance, storage, etc.);
- 6) Proposed schedule and costs for Prototype Development;
- 7) Maintenance requirements (e.g., service intervals)
- 8.) Any expected costs of ownership or maintenance over device's useable life cycle.

#### **2.4. Phase I Controlled Environment Prototype Testing**

The contractor shall deliver a prototype life saving device for controlled environment testing. Testing will occur in a to be determined (TBD) DHS, USCG or partner facility. The test bed will be a controlled environment facility (i.e., test pool). The test shall address the capabilities listed below:

- 1) Inflates or expands at appropriate time (i.e., when contacting the water)
- 2) Stays afloat for required hours
- 3) Holds the required amount of people (i.e., sandbags, dummies, etc. simulating weight of people)
- 4) Retains shape in water
- 5) Is puncture resistant
- 6) Is leak proof
- 7) Fully packaged size does not exceed space requirements

Testing will be supervised by S&T and USCG personnel. Each contractor will be responsible for shipping the equipment to the test facility and demonstrating the prototype's capabilities that meet the above capabilities. A maximum of four (4) days is anticipated to fully demonstrate the prototype and resolve any shipping/start-up issues that may occur.

#### **2.5. Phase II Open Water Prototype Testing**

The contractor shall deliver three prototype life saving devices for open water testing. Testing will occur in a TBD location. The open water test shall assess the capabilities of the device listed below:

- 1) Test deliverability from USCG aircraft (rotary or fixed) and/or vessel
- 2) Stability of device (i.e., empty, while loading passengers, and fully loaded with passengers)
- 3) Ability to right device in water if required (i.e., device flipped upside down)
- 4) Test packing and portability aboard USCG aircraft and/or vessels

- 5) Durability of device
- 6) Inflates or expands at appropriate time (i.e., when contacting the water)
- 7) Stays afloat for required hours
- 8) Holds the required amount of people (i.e., sandbags, dummies simulating weight of 100+ people)
- 9) Retains shape in water
- 10) Is puncture resistant
- 11) Is leak proof
- 12) Fully packaged size does not exceed space requirements
- 13) Withstands environmental conditions present during test, up to the maximum weather thresholds defined in section 2.3:
  - a. Ability to operate in up to a maximum Sea State 5 condition
  - b. Ability to operate in water temperatures between 35 - 85°F
  - c. Ability to operate in air temperatures between 0 - 120°F

DHS and USCG personnel will supervise testing. Each contractor will be responsible for shipping the equipment to the test facility and demonstrating the prototype's capabilities that meet the above capabilities. A maximum of four (4) days is anticipated to fully demonstrate the prototype and resolve any shipping/start-up issues that may occur.

### **3. Additional Information**

All questions must be in writing addressed to the Contracting Officer. Only Contracting Officers are legally authorized to commit the Government.

#### **3.1. Government Furnished Information (GFI)**

All background reports and presentations can be provided via an email ZIP file. This request must be emailed to the BAA email box at [BAA\\_MassRescue@hq.dhs.gov](mailto:BAA_MassRescue@hq.dhs.gov). The request must include the BAA number, point of contact, company name, address, and telephone number.

### **4. BAA Information**

Awards made under this BAA are for scientific study and experimentation directed towards developing a life saving device for MROs. The design concepts proposed under Phase I shall not change under Phase II. Phase II is open water testing of Phase I technologies.

### **5. Award Information**

Award(s) will be made to the Offeror(s) whose proposals are considered to have the highest technical importance to the Government in accordance with the evaluation criteria, taking into consideration the available funding. It is anticipated that cost reimbursement contracts will be awarded.

The period of performance of the awards will typically be:

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Phase I - Base award (18 months)

Phase II - Option (4 months)

S&T plans to fully fund up to \$300,000 for up to three Phase I contracts that will most likely range from \$50,000 to \$100,000 per award for the base Phase I effort. The anticipated date of award is approximately the first or second quarter of Fiscal Year 2022, subject to the availability of funds.

It is anticipated that one of the Phase I contractors will have the Phase II option exercised on their contract. The Phase II option period award will most likely range from \$150-\$200K. The anticipated date of exercising the Phase II Option Period is approximately 18 months after the Phase I base effort is awarded, subject to the availability of funds. There is no guarantee that any Phase II Options will be exercised.

## **6. Eligibility Information**

All responsible sources may submit a white paper, which will be considered by the Government. Historically Black Colleges and Universities (HBCUs) and Minority Institutions (MIs) are encouraged to submit white papers and join others in submitting white papers. However, no portion of this BAA will be set aside for HBCU and MI participation due to the impracticality of reserving discrete or severable areas of technology of this proposal for exclusive competition among those entities.

## **7. Awarded Administration Information**

### **7.1 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 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 full 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 full 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 divestitures 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.

## **8. Other Information**

Prospective offerors are **required to submit White Papers**. The purpose of requesting White Papers is to minimize the labor and cost associated with the production of detailed proposals that have little chance of being selected for funding. Based on assessment of the White Papers, feedback will be provided to the Offerors to encourage or discourage submission of full proposals. Regardless of the Government response to a White Paper, Offerors may submit a full proposal.

White papers should emphasize how the proposed device would either meet or what trade-offs would be needed to approach the desired objectives outlined in section 2.3; what maintenance and life cycle requirements the device has; and what methods should be used to demonstrate the capabilities of the technology during prototype development and field demonstration of the device.

NOTE: If an Offeror is discouraged from providing a full proposal after the review of the White Paper, the Offeror should understand that the proposed research has such a negligible chance of being funded as to be considered a poor use of resources to submit a full proposal.

### **8.1 Registration Requirements**

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

BAA, including a white paper and/or a full proposal submission.

(a) Company/Organization Registration:

**IMPORTANT:** Before submitting a white paper or full proposal for the first time, you must first register your company/organization in the system. Note, this registration takes some time; therefore, it is prudent to ensure company registration is completed well before the closing time for either white paper or full proposal submissions. It is recommended that the Business Official or an authorized representative designated 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 associate their information with the company's existing record.) When registration is completed, users can submit and manage their white papers and full proposals.

- After the company/organization is registered, new users must register by associating their information with the company/organization's existing record.
- When registration is complete, users can submit and manage white papers and full proposals.
- To access the log in/registration page of the DHS S&T BAA Portal:
  - o Go to the DHS S&T BAA Portal at <https://baa2.st.dhs.gov/>;
  - o On the home page, click on the Portal Login link, located at top-right corner of the page.
  - o To begin the registration process, click either the Register Now icon at the top of the page or the Not Registered? link at the bottom of the page.
- For additional step-by-step information regarding registration and submission of white papers and full proposals, on the DHS S&T BAA Portal home page (<https://baa2.st.dhs.gov/>), in the navigation menu on the far right, click on Resources. Once on the Resources page, click on the link to the Portal Registration and Submissions Training Guide.

(b) White Paper and Full Proposal Registration:

- Each white paper, if requested, and full proposal to be uploaded in the DHS S&T BAA Portal will be assigned a white paper and full proposal registration number in the portal.
- To upload a white paper or full proposal, after logging into the portal at (<https://baa2.st.dhs.gov/>), see Section 4.2 of the Portal Registration and Submissions Training Guide (access information provided in paragraph a above.)

(c) DHS S&T BAA Portal Help Desk:

For additional assistance with the DHS S&T BAA Portal, you can contact the DHS S&T BAA Portal Help Desk at [dhsbaahelpdesk@ttsiglobal.com](mailto:dhsbaahelpdesk@ttsiglobal.com) or by phone at (571) 446-4869. This contact information is provided in the "Help Desk" portion of the bottom of the screen of any page in the portal. Offerors may also contact [BAA\\_MassRescue@hq.dhs.gov](mailto:BAA_MassRescue@hq.dhs.gov).

## **8.2 White Paper Submission Requirements and Evaluation Process**

Submitting a Response to this BAA:

**No Classified White Papers (or portions thereof) will be accepted.**

White paper submissions will be protected from unauthorized disclosure in accordance with FAR 15.207, applicable law, and DHS regulations.

Offerors must submit a white paper in order to be considered for participation in the submission of full proposals.

Offerors will have 45 calendar days from the official Call for white papers before the submission deadline of August 5, 2021 at 2:00 PM Eastern.

White papers shall provide technical and managerial approach information and will be assessed based on the capabilities listed in Section 2.3 which are listed in descending order of relative importance.

Offerors will complete the below table, highlighting the parameters of their proposed solution as part of their white paper submission:

<b>Requirements</b>	<b>Threshold</b>	<b>Objective</b>	<b>Proposed</b>
Person Capacity	100	150	
Total Weight (lbs.)	150	100	
Functions as a life saving device (hrs.)	24	36	
Size of packaged system (cu-ft.)	-	7	
Shelf life (years)	5	10	
Maintenance Requirements	Minimal Maintenance (i.e. 3 to 5 years)	No maintenance	

White papers cannot exceed a total number of 10 single-sided pages with the following stipulations:

- Paper Size – 8.5-by-11-inch paper
- Margins – 1 inch
- Spacing – Single- spaced
- Font – Times New Roman, 12 point
- No more than 10 single-sided pages. White papers exceeding the page limit will not be evaluated. The Official Transmittal Letter, as well as the cover page are ***not subject*** to the page limitation.
- Copies - Electronic files will be in portable document format (PDF), readable by IBM-compatible PCs. Each file size must be no more than 10 MB.

After an evaluation of the white papers, the Contracting Officer (CO) will either encourage or discourage the submission of a full proposal based on the selections of the Source Selection Authority (SSA). The SSA will make these selections based on a finding of whether a white paper is selectable or not selectable. If the SSA determines that a full proposal should be discouraged, the Offeror will be informed in writing by the CO. No additional feedback will be provided to Offerors when full proposals are discouraged. Offerors are not restricted from submitting a full proposal even when notified in writing that the SSA is discouraging a full proposal. If the SSA determines that a full proposal should be encouraged, the Offeror will be informed in writing by the CO.

### **8.3 Full Proposal Submission Process**

**No Classified Full Proposals (or portions thereof) will be accepted.**

Offerors receiving an “Encouraged” rating on their White Paper submission will be asked to submit a full proposal. Offerors who do not receive an “Encouraged” rating may still submit a full proposal. Offerors choosing to submit a full proposal after receiving a “Not Encouraged” rating must contact [BAA\\_MassRescue@hq.dhs.gov](mailto:BAA_MassRescue@hq.dhs.gov) at least two weeks in advance of the full proposal submission deadline in order to facilitate their submission via the BAA portal.

The full 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.

### **8.4 Format and Content of Full Proposals**

#### **Proposal Format**

Full proposals will consist of two volumes:

- 8.4.1 Volume 1 - Technical Proposal
- 8.4.2 Volume 2 - Cost Proposal

For each volume, the following format shall apply:

- 8.4.3 Paper Size – 8.5-by-11-inch paper
- 8.4.4 Margins – 1 inch
- 8.4.5 Spacing – Single-spaced
- 8.4.6 Font – Times New Roman, 12 point. Text embedded within graphics or tables in the body of the Project Description Form shall be legible and not smaller than 8 point.
- 8.4.7 Number of Pages –
  - 8.4.7.1 Volume 1 (Technical Proposal): No more than 20 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.

8.4.7.2 Volume 2: (Cost Proposal): No page limit.

- Copies – A full proposal shall consist of one electronic file for the Technical Proposal volume and one electronic file for the 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.

Proprietary or Export Control Marking: Offerors are expected to appropriately mark proprietary and/or export-controlled information contained in their full proposals. For additional information regarding export-controlled information, refer to bullet “Export Control” identified in 11.4 below.

## **Proposal Content**

### **Volume 1: Technical Proposal**

Volume I of the full proposal shall be in the form of a Technical Proposal format. Responsiveness to the order and content of sections listed in Volume I is important to assure thorough and fair evaluation of full 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 full proposal. The letter of transmittal shall state whether the full proposal has been submitted to another government agency, other than DHS S&T, and if so, which one and when. The transmittal letter does not count toward the 20-page limit.
- **Cover Page**: This shall include the words “Technical Proposal” and the following:
  - 1) BAA number;
  - 2) Title of Full Proposal;
  - 3) Identity of prime Offeror and complete list of subcontractors, if applicable;
  - 4) Technical point of contact (name, address, phone/fax, electronic mail address);
  - 5) Administrative/business point of contact (name, address, phone/fax, electronic mail address);
  - 6) Duration of effort (separately identify the basic effort and any options);
  - 7) In accordance with FAR 4.1201, prospective Offerors for contracts and for OTAs involving prototypes (Section 845), shall state the certifications in the System for Award Management (SAM) at [www.sam.gov](http://www.sam.gov) have been completed and shall provide the Certification Validity period; and
  - 8) The signature and title of an authorized representative of the entity submitting the full proposal. If multiple organizations are participating, one signature from

the principal/leading organization is acceptable.

- **Table of Contents:** The table of contents does not count toward the 20-page limit.
- **Executive Summary:** Summarize the full 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 requirements.

**Detailed Technical Approach:** The Offeror shall clearly and completely describe the technical approach that will be used for the proposed mass rescue life saving device Design Concept and Prototype Development (Phase I) and Final Design Selection and Open Water Testing (Phase II). The technical approach shall demonstrate a clear understanding of the intended outcome of this solicitation. The technical approach should be described in as much detail as necessary to establish confidence in successful completion of Phase I and Phase II. The technical approach should plainly show how the proposed system will meet (or not meet) the capabilities identified in section 2.3. The technical approach shall also identify the technology readiness/risk of the proposed system and its key components.

Offerors will complete the below table, highlighting the parameters of their proposed solution as part of their full proposal submission:

<b>Requirements</b>	<b>Threshold</b>	<b>Objective</b>	<b>Proposed</b>
Person Capacity	100	150	
Total Weight (lbs.)	150	100	
Functions as a life saving device (hrs.)	24	36	
Size of packaged system (cu-ft.)	-	7	
Shelf life (years)	5	10	
Maintenance Requirements	Minimal Maintenance (i.e. 3 to 5 years)	No maintenance	

- **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.

A sample SOW is provided to show the formatting required. Offerors must provide a SOW that matches their technical proposal and the SOW must be detailed enough to support the contract type.

The SOW shall clearly detail the scope and objective of Phase I (Base Period) and Phase II (Option Period) efforts. The SOW must include the technical approach and the schedule of technical tasks, subtasks, events, and milestones. Ensure that the SOW clearly separates Phase I and Phase II tasking, with Phase II marked as an Option Period.

The Statement of Work must include the following in Phase I – Design Concept and Prototype Development:

1. Kickoff Meeting: In a teleconference meeting with USCG personnel, the Offeror is to provide details on how all the Phase I and Phase II capabilities will be handled by the technologies being proposed.
2. Progress Meetings: Teleconference meetings shall be held at regular intervals with USCG personnel to discuss progress and issues to date. Approximately half-way through the design process, one of the progress meetings shall be held at the offeror's site.
3. Final Report: The Offeror shall prepare a report documenting the proposed design.
4. Monthly Progress Report and Archive: The Offeror shall prepare Monthly Progress/Expenditure Report and at the end of the period of performance, shall provide an electronic archive containing all submitted deliverables.
5. Prototype Development – The Offeror shall develop and design the prototype.
6. Controlled Environment Prototype Testing – The Offeror shall conduct controlled environment testing. The Offeror shall address whether it has the facilities for such testing. DHS may provide the test chamber, if necessary. Continuation to Phase II and open water testing is pending the outcome of the controlled environment testing. The purpose of the controlled environment prototype testing is to demonstrate that the as-built prototype device:
  - a. Is seaworthy
  - b. Can withstand a range of atmospheric and sea conditions (current, waves and wind)
  - c. Meets the key performance parameters (threshold and/or objectives)

The Statement of Work must include the following in Phase II – Design Selection and Open Water Testing:

1. Kickoff Meeting: In a teleconference meeting with USCG personnel, the Offeror is to provide details on how the Phase II capabilities will be handled by the technologies being proposed.
2. Progress and Design Review Meeting: Teleconference meetings shall be held at regular intervals with USCG personnel to discuss progress and issues to date. No later than halfway through the Phase II effort, a design review meeting with USCG personnel shall be held at the Offeror's worksite. The Offeror shall provide details on how the design has progressed. The Offeror shall also again address how capabilities will be handled by the technologies being proposed.
3. Prototype Demonstration: The offeror must recommend how best to test the technologies proposed to demonstrate that the prototype meets the operational conditions identified in section 2.3. All requirements shall be addressed in the proposal by describing the design or previous testing performed. The Government will consider the Offeror's recommendations when the Government develops a test plan.



4. Prototype Demonstration Date: Specify a test date for testing the prototype.
5. Prototype Demonstration Testing: Testing of the prototype shall be witnessed by the Offeror and accomplished during four days at a location approved by the Government.
6. Prototype Demonstration Report: The Offeror shall prepare a report of the prototype test, documenting the results and identifying tasks needed to be accomplished for successful full-scale deployment. The report shall be included within the SOW as a deliverable and shall be due 30 days after test completion.
7. Special Requirements: The SOW shall identify any specialized requirements needed to successfully accomplish prototype testing (e.g., special shipping requirements or handling).
8. Monthly Progress Report and Archive: The Offeror shall prepare Monthly Progress/Expenditure Report and at the end of the period of performance, shall provide an electronic archive containing all submitted deliverables.

It is the intent of the Government to use the Offeror's SOW, as written, provided that the Offeror's SOW accurately describes the work to be performed. If in the Government's opinion the Offeror's SOW does not reflect the requirements, the Government will prepare a SOW using information available in the Offeror's proposal or have the Offeror rewrite the SOW to reflect their technical approach.

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.

<b>Anticipated Schedule of Events</b>	
Release BAA	June 2021
White Papers Due Date	August 5, 2021
Notification of Evaluation of White Papers	September 2021
Full Proposals Requested	September 2021
Full Proposal Due Date*	October 29, 2021
Base Contract Award(s)*	December 2021
Kickoff Meeting	Approximately 14 Days after Contract Award(s)
<b>Phase I Events</b>	
Technical Design Review Meeting*	January 2022

Mid-term Progress Review*	September 2022
Phase I Final Report*	June 2023
<b>Phase II Events</b>	
Technical Design Review Meeting*	July 2023
Open Water Testing with DHS/USCG*	September 2023
Final Report Submittal	30 Days after completion of Testing.

\*These dates and times are estimates as of the date of this announcement.

- **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 period of the effort, including a summary of subcontracts, man hours, and consumables.
- **Resumes for Key Personnel:** In Appendix A, provide resumes or *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 the work, submitted either as a prime contractor, subcontractor/consultant, or teaming partner. This section will not count towards the 20-page limit.
- **Assertion of Data Rights:** 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 full 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 considering 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.

Full 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 full 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. 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) 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 offeror 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, full 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" shall appear on the cover page in addition to the following information:

- 1) BAA number;
- 2) Call number;
- 3) Technical Topic Area;

- 4) Title of Full Proposal;
- 5) Contract type;
- 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);
- 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 shall state the certifications in the System for Award Management (SAM) at [www.sam.gov](http://www.sam.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 full 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 shall provide a total estimated price for major demonstrations and other activities associated with the program, including cost sharing, if any. The Offeror shall provide information as to the adequacy of its accounting system.

- **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 shall 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 shall be consistent with your proposed SOW. Activities such as demonstrations required to reduce the various technical risks shall be identified in the SOW and reflected in the Price/Cost Proposal.

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## **8.5 Protection of Information Emailed to the Government**

All data emailed to the Government will be protected and access restricted. All submissions will be considered proprietary/source selection sensitive and protected accordingly. Documents may only be reviewed by the submitter, authorized Government representatives, and assigned evaluators.

## **8.6 Full Proposal Due Date and Time**

The full proposal due date and time is October 29, 2021 at 2:00 PM Eastern.

## **8.7 Submission of Late Full Proposals**

Full Proposals **WILL NOT BE ACCEPTED** after the published due date at 8.6.

## **8.8 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. 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 via updates to the BAA posting on beta.SAM.

Please submit all questions in response to this solicitation no later than July 6, 2021 at 2:00 PM Eastern.

## **9. Evaluation Information**

The following criteria apply to white paper and full proposal evaluations.

### **9.1 Technical Evaluation Criteria**

Technical Approach, Staffing, and Corporate Experience are weighted in descending order of importance.

1. Technical Approach – Comprised of the following equally weighted subcriteria:
  - a. Degree to which the proposed system meets the capabilities identified in section 2.3 of the BAA;
  - b. Offeror's understanding of the BAA scope and current state of technology associated with mass rescue life saving devices;
  - c. Technology readiness; and
  - d. Completeness of Technical Approach.
  
2. Staffing – The relevant skills, experience, qualifications, and education of proposed technical personnel critical to success.

3. Corporate Experience – The relevance of the Offeror’s submitted experience to the scope of the BAA.

### **9.2 Cost/Price Criteria**

Cost proposals shall be evaluated for completeness and compliance with the solicitation requirements and for cost realism and reasonableness. Cost proposals will not be scored or rated.

Completeness and Compliance - The cost proposal will be reviewed to determine if it complies with the cost proposal preparation instructions and any other applicable directions.

### **9.3 Evaluation Panel**

Technical and cost proposals submitted under this BAA will be protected from unauthorized disclosure in accordance with FAR 3.104-4 and 15.207. The program office and other Government scientific experts will perform the evaluation of technical proposals. Cost proposals will be evaluated by the Contracting Officer and Contract Specialist.

***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 BAA.***

### **9.4 Notification to Offerors of Evaluation Findings**

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

## **10. Award Administration Information**

The North American Industry Classification System (NAICS) code – The NAICS code for this announcement is 541712 with a small business size standard of 500 employees. System for Award Management (SAM) - Offerors will be required to register in SAM prior to award of any contract. Information on SAM registration is available at <http://www.sam.gov>.

## **11. Other Information**

### **11.1 Information for Full Proposal Respondents**

BAA 70RSAT21RB00000003 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 70RSAT21RB00000003 and the

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Government's use of such information. Respondents to BAA 70RSAT21RB00000003 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 70RSAT21RB00000003 will not be returned. However, depending on the markings on the full proposal, DHS S&T will adhere to FAR policy on handling source selection information and proprietary full 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.

### **11.2 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 shall indicate whether each particular piece of equipment or hardware will be included as part of a deliverable item under the resulting award.

In addition, this description shall 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 full proposals.

Government research facilities may be available and shall 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 shall explain which of these facilities they recommend and why.

If any prototype, instrument or device is produced during the period of performance of a funded project, one or more samples shall be delivered to DHS S&T 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 SOW.

### **11.3 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

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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 full proposals in response to this BAA are encouraged to submit SAFETY Act applications for their existing technologies. Offerors are invited to contact OSAI for more information, at 1-866-788-9318 or [helpdesk@safetyact.gov](mailto:helpdesk@safetyact.gov) and can visit OSAI's Web site at [www.safetyact.gov](http://www.safetyact.gov).

#### **11.4 Export Control Considerations**

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

Offerors are advised that the export of any goods or technical data from the United States, and the disclosure of technical data to foreign nationals, may require some form of export license from the U.S. Government. Failure to obtain necessary export licenses may result in criminal liability of offerors under U.S. laws.

Offerors are responsible for ensuring compliance with the International Traffic in Arms Regulations administered by the U.S. Department of State (22 C.F.R. Parts 120 to 130), Export Administration Regulations administered by the U.S. Department of Commerce (15 C.F.R. Parts 730 to 774), and Foreign Assets Control Regulations administered by the U.S. Department of Treasury (31 C.F.R. Parts 501 to 598), as warranted, and with compliance with all recordkeeping requirements under U.S. export regulations. Offerors are responsible for compliance with any applicable export license, reporting, or other preapproval requirements by the U.S. Government. DHS neither represents that a license or preapproval shall not be required nor that, if required, it shall be issued. Nothing granted herein to offerors provides any such export license or other preapproval.

Offerors shall identify any anticipated export compliance issues in their response to the BAA. Specifically, offerors are advised to include information in their response regarding any known equipment, software or technical data that will be developed as a result of work to be performed that is subject to export control restrictions.

To the extent that export-controlled information may be provided to DHS by offerors in response to the BAA, offerors are responsible for ensuring that such information is appropriately marked, and are responsible for complying with all applicable export controls and regulations in the process of providing such information.

#### **11.5 Security Classification**

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

#### **11.6 Information for Full Proposal Respondents**

This BAA seeks to solicit sound scientific studies and techniques to address the DHS MRO objectives set forth in Section 2.3. 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. Respondents to this BAA may be requested to provide additional information based on their submittals. Unnecessarily elaborate responses containing extensive marketing materials are not desired.

### **11.7 Subcontracting Plan**

Successful contract proposals that exceed \$700,000.00, 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.

### **11.8 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**

The report must be electronically submitted to the Contracting Officer and Contracting Officer's Representative by close of business on the last Friday of each month. If the last Friday of the month falls on a holiday, the report should be submitted one day prior. 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 shall be proposed by each Offeror and finalized with the Contracting Officer:

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

### **11.9 Certificate of Current Cost or Pricing Data**

Successful contract full proposals that exceed \$2,000,000.00 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.

In order to do business with the government, offerors should have a Defense Contract Audit Agency (DCAA) -compliant accounting system. Otherwise, a firm fixed price contract will be required.

### **11.10 Test and Evaluation Facilities**

DHS S&T may make available appropriate test and evaluation facilities to support this program. Offerors shall provide any specific requirements needed for test and evaluation of their proposed concept in their white papers and full proposals.

### **11.11 Hazardous Materials**

Depending on the topic, Offerors may choose to or be required to utilize hazardous materials during 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 clause, 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 Safety Data Sheet (SDS), 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 the apparently successful Offeror is the actual manufacturer of these items. Failure to submit the SDS prior to award may result in the apparently successful Offeror being considered non-responsive 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 (MSDSs), 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 MSDSs with the packing list or other suitable shipping document which accompanies each shipment. Alternatively, the Contractor is permitted to transmit MSDSs 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 MSDSs in or on each shipping container. If affixed to the outside of each container, the MSDSs must be placed in a weather resistant envelope.

#### **11.12 Authorities**

S&T conducts research, development, test and evaluation (RDT&E) programs and projects involving data and technologies to assess their potential to benefit critical homeland security missions throughout DHS, its Components, and the homeland security enterprise (HSE). These activities are essential S&T mission responsibilities under 6 U.S.C. § 182, Responsibilities and Authorities of the Under Secretary for Science and Technology. In addition, this activity falls under the Federal Small Business Innovation Research (SBIR) Program, mandated by 15 U.S.C. § 638 Research and Development. These are R&D activities being conducted by a Small Business in accordance with the statutory purpose of the SBIR Program to strengthen the role of innovative small business concerns in Federally-funded R/R&D.

#### **11.13 General Terms and Conditions**

Activities undertaken pursuant to this document are subject to the General Terms and Conditions between the DHS S&T and each contractor.

#### **11.14 Place of Performance**

All work will take place on location at the contractor's facilities.

#### **11.15 Period of Performance**

The period of performance for the Phase I prototype development and testing base effort is 18 months from date of award. The period of performance for the Phase II option period is four months from the option exercise date.

#### **11.16 Travel**

If travel will be required in the performance of the duties listed, travel must be requested in advance by email to, and will be approved by, the Contracting Officer's Representative (COR). All travel must comply with federal travel regulations, which can be examined at <http://www.gsa.gov/federaltravelregulation>

#### **11.17 Invoices**

The selected full proposal awardees will at a minimum deliver a monthly invoice to InvoiceSAT.Consolidation@ice.dhs.gov.

#### **11.18 Security Requirements**

All work performed under this BAA is unclassified. If provided DHS "sensitive" information (e.g., items marked with For Official Use Only (FOUO) or other appropriate marking), recipients shall safeguard such information in accordance with the parameters outing in the resulting award. The Offeror shall adhere to all applicable government laws, regulations, orders, guides, and directives pertaining to classified, Sensitive But Unclassified (SBU), FOUO, or personally identifiable information. The Offeror shall safeguard SBU, FOUO information specifically in accordance with DHS Management Directive 11042.1

#### **11.19 Press Releases**

Offerors may not refer to any potential awards or notification of selection for potential award pending successful negotiation in commercial advertising or similar promotions in such a manner as to state or imply that the product or service provided is endorsed or preferred by the Federal Government or is considered by the Government to be superior to other products or services.

All advertisements, releases, announcements, or other publication regarding potential awards or notification of selection for potential award pending successful negotiation or the agency programs and projects covered under it, or the results or conclusions made pursuant to performance, must be approved by the Contracting Officer. Under no circumstances shall Offerors, or anyone acting on behalf of Offerors, refer to the supplies, services, or equipment furnished pursuant to the provisions of potential awards or notification of selection for potential award pending successful negotiation in any publicity, release, or commercial advertising without first obtaining explicit written consent to do so from the Contracting Officer.