



Industry should anticipate the majority of proposal requests will be small business set-asides (SBSA) but several may be full and open (unrestricted). Proposal requests are expected to be released in a phased approach as existing contract period of performance ends to ensure no gaps in support. Vendors are asked to indicate interest by completing the attached sources sought form and support declared capability (by MAPSS requirement) with a capability statement compliant with instructions provided. MDA will evaluate responses to this notification and use the information provided to frame the structure of capability areas and determine which portions of the MAPSS requirements will be solicited as SBSAs.

A summary of each requirement is provided by Tranche (below). Interested businesses must be capable of performing requirements for which they declare capability as the prime contractor, enterprise-wide, i.e., at all MDA locations noted in each requirement. Please note that the descriptions and details are examples of potential requirements and are provided for the purpose of assisting interested businesses to better understand these requirements. The resulting responses will assist MDA with defining the MAPSS initial acquisition strategy. These are not full work statements and may not represent the final requirements of any resultant request for proposal.

Participation is voluntary, but encouraged if your company is interested in competing for a future MAPSS requirements. This is initial market research to solicit Industry's feedback which will be used to form the basis of the overall MAPSS Acquisition Strategy. Market research will be refreshed in future years - by tranche - to ensure the Acquisition Strategy remains relevant. The final NAICS determination and contract vehicle for each requirement/capability area will depend on the group of work solicited at the time of proposal request.

Lastly, we recommend that the persons completing this survey be involved in the management and execution of these contracts as well as persons who will be involved in the development of proposals for MAPSS solicitations. Marketing materials and brochures are not requested and provide little value to this effort. Once you have completed your response(s), please email it to the Consolidated Support Program Office at [MAPSS@MDA.mil](mailto:MAPSS@MDA.mil). Responses are due by noon (12:00PM) Central Time, Thursday, 3 October 2024.

# Missile Defense Agency (MDA) Agile Professional Services Solutions (MAPSS) Request for Information (RFI)

## Tranche #1 Initial Sources Sought Market Research & Notification

September 2024

Tranche 1		Target Awards: December 2025 / July 2026
Quality & Mission Assurance	Legacy NAICS 541715e3   1,250	Est Value: \$205M^   FTE Range: 101-150 OASIS+ (T&E); NAICS: 541330e1 (\$47.0M) OASIS+ (R&D); NAICS: 541715e3 (1,300) Set-Aside Goal: SB
Safety	Legacy NAICS 541715e3   1,250	Est Value: \$53M^   FTE Range: 1-50 OASIS+ (T&E); NAICS: 541330e1 (\$47.0M) OASIS+ (R&D); NAICS: 541890 (\$19.0M) Set-Aside Goal: SB
Core Engineering	TN MDSE Legacy NAICS 541715e3   1,250	Est Value: \$412M^   FTE Range: 151-250 OASIS+ (Ent Sol or R&D); NAICS: 541715e3 (1,300) OASIS+ (T&E or R&D); NAICS: 541330e1 (\$47.0M) Set-Aside Goal: TBD (Unrestricted)
C2 & Sensors Eng	TN MDSE Legacy NAICS 541715e3   1,250	Est Value: \$309M^   FTE Range: 101-200 OASIS+ (Ent Sol or R&D); NAICS: 541715e3 (1,300) Set-Aside Goal: TBD (Unrestricted)
Ground-Based Weapon Sys Eng	TN MDSE Legacy NAICS 541715e3   1,250	Est Value: \$659M^   FTE Range: 301-350 OASIS+ (Ent Sol or R&D); NAICS: 541715e3 (1,300) Set-Aside Goal: TBD (Unrestricted)
Sea-Based Weapon Sys Eng	TN MDSE Legacy NAICS 541715e3   1,250	Est Value: \$226M^   FTE Range: 101-150 OASIS+ (Ent Sol or R&D); NAICS: 541715e3 (1,300) Set-Aside Goal: TBD (Unrestricted)
Provisional		
<b>Notes:</b> ^ Contract Values are ESTIMATES; based on Value at Award + Travel or Pre-Award GCE - Five (5) year Period of performance (PoP) for each requirement - **Requirements consolidation/de-consolidation, estimated contract value, FTE range, anticipated contract vehicle, and potential set-aside goal are all SUBJECT TO CHANGE**		

The purpose of this RFI is to collect market research information to facilitate the development the overarching MAPSS Acquisition Strategy for Advisory and Assistance Support (A&AS) services. Additionally, it serves as a notification to Industry that the Market Research RFIs for MAPSS Quality & Mission Assurance (QMA) and Safety have been issued by GSA via GSA e-Buy.

Data collected as part of this RFI as it pertains to the rest of Tranche #1 includes the potential deconsolidation of the TEAMS Next Missile Defense System Engineering (MDSE) requirement into four separate requirements: (1) Core Engineering, (2) Command & Control (C2) and Sensors Engineering, (3) Ground-Based Weapon System Engineering, and (4) Sea-Based Weapon System Engineering.

Participation is voluntary, but encouraged if your company is interested in competing for a future MAPSS Tranche #1 contract. Please note, this is initial market research and a market research refresh may be accomplished for Tranche #1 in early 1QCY25 to ensure the Acquisition Strategy remains relevant, as required.

### Proprietary information is not sought by MDA.

There is no limit on the number of responses from any company; however responses

submitted should be targeted toward responding to the survey questions listed for the identified MAPSS Requirement/Contract of Interest selected. Some MAPSS requirements will have additional survey questions. Responses should include:

- 1) A completed 'Standard Form'. If additional information is needed to respond to these questions, it must be entered into the space provided on the second page of the PDF form.
- 2) A Capabilities Statement file. This file must contain *relevant* experience information and address any additional survey questions not on the 'Standard Form'. Contractor format is acceptable for this file but it must be a single stacked/combined file of the documents you wish to provide to demonstrate capability, not to exceed ten (10) pages.

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24-MDA-11897 (11 Sep 24)

- Note: Relevant experience includes projects/contracts that are similar to the described MAPSS requirement and that have occurred in the past 5 years. Please do not provide general capability statements.
- The Capability Statement should contain at least one (1) relevant project to demonstrate capability and include the following information:
  1. Customer Name and Customer/Client POC Email
  2. Period of Performance and Total Contract Value
  3. Description of Product and/or Services Provided; available Contractor Performance Assessment Reporting System (CPARS) Data, if applicable

We recommend that the persons completing this survey be involved in the management and execution of these contracts as well as persons who will be involved in the development of proposals for MAPSS solicitations. Marketing materials and brochures are not requested and provide little value to this effort. Once you have completed your response(s), please email it to the Consolidated Support Program Office at [MAPSS@MDA.mil](mailto:MAPSS@MDA.mil). Responses are due by noon (12:00PM) Central Time, Thursday, 3 October 2024.

## **Tranche 1 Requirement Descriptions**

### **Tranche 1 – MAPSS QMA RFI**

Aid the Missile Defense Agency (MDA) Quality, Safety and Mission Assurance (QS) organization with the performance of continuous assessment of engineering, technology, process, production, and programmatic practices used to develop, test, field, and operate an integrated, layered, Missile Defense System (MDS). Types of support required include: 1) engineering & technical support; 2) studies, analyses, & evaluations; and 3) management & professional services.

- Work locations may include, but are not limited to: Fort Belvoir, VA; Redstone Arsenal/Huntsville, AL; Dahlgren, VA; Kirtland Air Force Base, NM; and Fort Greely, AK
- Estimated level of effort: 101-150 Full Time Equivalent
- Anticipated contract vehicle & NAICS information:
  - OASIS+ (T&E); NAICS: 541330e1 (\$47.0M)
  - Or –
  - OASIS+ (R&D); NAICS: 541715e3 (1,300 Employees)

*Suspense CLOSED on 16 August 2024*

- Posted on GSA's eBuy (<https://www.ebuy.gsa.gov/ebuyopen/>)
  - Reference numbers: RFQ1713069, RFQ1713070, RFQ1713071, RFQ1713072, RFQ1713073, and RFQ1713074

### **Tranche 1 – MAPSS Safety RFI**

Aid the Missile Defense Agency (MDA) Quality, Safety and Mission Assurance (QS) organization with the performance of continuous assessment of engineering, technology, process, production, and programmatic practices used to develop, test, field, and operate an integrated, layered, Missile Defense System (MDS). Types of support required include supporting general safety support functions; supporting MDS-Level safety program(s); supporting development,

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implementation, and execution of MDS safety policies, requirements, and programs at the MDS level; supporting System Safety Risk Identification and Management Process; supporting Program/Project Safety Programs; and providing support for developing, implementing and executing an effective MDA Safety and Occupational Health program.

- Work locations may include, but are not limited to: Redstone Arsenal/Huntsville, AL; Dahlgren, VA; Vandenberg Space Force Base, CA; Pacific Missile Range Facility, HI; White Sands Missile Range, NM; Schriever SFB, Colorado Spring, CO; Kirtland Air Force Base, NM; and Fort Greely, AK
- Estimated level of effort: 1-50 Full Time Equivalent
- Anticipated contract vehicle & NAICS information:
  - OASIS+ (T&E); NAICS: 541330e1 (\$47.0M)
  - Or –
  - OASIS+ (R&D); NAICS: 541690 (\$19.0M)

*Suspense CLOSED 29 August 2024*

- Posted on GSA's eBuy (<https://www.ebuy.gsa.gov/ebuyopen/>)
  - Reference numbers: RFQ1718258, RFQ1718259, RFQ1718261, RFQ1718263, RFQ1718264, and RFQ1718265

### **Tranche 1 – MAPSS Core Engineering**

Aid the Missile Defense Agency (MDA) Engineering Directorate with support of architecture planning and management; requirements development; designs and specifications; conduct of assessments and analyses; program integration; test planning and execution; risk management; operations; and, general engineering support. This area includes support for the design, testing, validation, verification, and operations, as well as use of models in support of systems engineering processes.

- Work locations may include, but are not limited to: Fort Belvoir, VA; Schriever Space Force Base, CO; and, Redstone Arsenal, AL
- Estimated level of effort: 151-250 Full Time Equivalent
- Anticipated contract vehicle & NAICS information:
  - OASIS+ (Enterprise Solutions/Unrestricted –or– R&D); NAICS: 541715e3 (1,300 Employees)
  - Or –
  - OASIS+ (T&E –or– R&D); NAICS: 541330e1 (\$47.0M)

### **Tranche 1 – MAPSS Command & Control (C2) and Sensors Engineering**

Aid the Missile Defense Agency (MDA) Engineering Directorate with system engineering support of the Command, Control, Communications, and Battle Management (C3/BM) system engineering. Support includes, but is not limited to, development, validation, and deployment of command and control weapon systems; familiarity with the command and control systems; and support for developing situational awareness and in-flight system update capabilities. This will also aid the MDA Engineering Directorate with system engineering support of sensor design, development and deployment to include Radio Frequency (RF) sensors, and Infrared (IR) sensors as well as support ground, space and sea based sensor systems.

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- Work locations may include, but are not limited to: Fort Belvoir, VA; Schriever Space Force Base, CO; Redstone Arsenal, AL; Hanscom Air Force Base, MA; and Moorestown, NJ
- Estimated level of effort: 101-200 Full Time Equivalent
- Anticipated contract vehicle & NAICS information:
  - OASIS+ (Enterprise Solutions/Unrestricted –or– R&D); NAICS: 541715e3 (1,300 Employees)

### **Tranche 1 – MAPSS Ground-Based Weapon System Engineering**

Aid the Missile Defense Agency (MDA) Engineering Directorate with system engineering support of ground-based systems with engineering of booster design, development/integration, kill vehicle/payload design, target design, deployment, launcher design, and system safety.

- Work locations may include, but are not limited to: Fort Belvoir, VA; Schriever Space Force Base, CO; Redstone Arsenal, AL; Orlando, FL; and, Tucson, AZ
- Estimated level of effort: 301-350 Full Time Equivalent
- Anticipated contract vehicle & NAICS information:
  - OASIS+ (Enterprise Solutions/Unrestricted –or– R&D); NAICS: 541715e3 (1,300 Employees)

### **Tranche 1 – MAPSS Sea-Based Weapon System Engineering**

Aid the Missile Defense Agency (MDA) Engineering Directorate with system engineering support of sea-based systems with engineering of booster design, development/integration, kill vehicle/payload design, target design, deployment, launcher design, and system safety. This area includes engineering support for regional MDS defense, such as Defense of Guam.

- Work locations may include, but are not limited to: Dahlgren, VA; Moorestown, NJ; and, Redstone Arsenal, AL
- Estimated level of effort: 101-150 Full Time Equivalent
- Anticipated contract vehicle & NAICS information:
  - OASIS+ (Enterprise Solutions/Unrestricted –or– R&D); NAICS: 541715e3 (1,300 Employees)

Missile Defense Agency (MDA) Agile Professional Services Solutions (MAPSS) Request for Information (RFI)

Initial Sources Sought Market Research by Tranche – Feedback Form

We recommend that the persons completing this survey be involved in the management and execution of these contracts as well as persons who will be involved in the development of proposals for MAPSS solicitations. Marketing materials and brochures are not requested and provide little value to this effort. Once you have completed your response(s), please email it to the Consolidated Support Program Office at MAPSS@MDA.mil. Proprietary information is not sought by MDA. Responses are due by noon (12:00PM) Central Time, Thursday, 3 October 2024.

Company & POC Information:

POC First Name:		POC Last Name:	
POC Email:		POC Phone #:	
Company Name:			
Business Size:		Socioeconomic status:	
Will you be submitting a Capabilities Statement/Package with your RFI response?			

MAPSS Requirement/Contract of Interest:

A) Do you agree with the anticipated NAICS(s) being considered for this requirement/contract of interest?

Yes or No:	
If 'no', please provide comment(s):	

B) Do you agree with the anticipated Contract Vehicle (and potential Domain(s), if applicable)?:

Yes or No:	
If 'no', please provide comment(s):	

Survey Questions

1) Does your company currently do work with/for MDA?	
Please state what work/contract numbers here:	
2) Are you familiar with MDA's TEAMS Next requirement for this/similar (consolidated or deconsolidated) work?	
3) Understanding things can change in the future, does your company have the capability today to perform the outlined description for the MAPSS Requirement/Contract of Interest selected?	
4) Does your company have similar or previous experience with the type of work outlined for the MAPSS Requirement/Contract of Interest selected?	
5) Does your company have a current, approved DCAA accounting system necessary for performing cost type contracts?	
6) Is your company likely to partner with another (i.e., use a joint venture) for the MAPSS Requirement/Contract of Interest selected?	
7) Is your company likely to subcontract out areas the MAPSS Requirement/Contract of Interest selected?	
-- If yes, approximately how much?	

**Missile Defense Agency (MDA) Agile Professional Services Solutions (MAPSS) Request  
for Information (RFI)**

*Initial Sources Sought Market Research by Tranche – Feedback Form*

8) At this time, what is the highest level security clearance held by the personnel are  
you able to provide to support the MAPSS Requirement/Contract of Interest  
selected?

9) At this time, what is your contactor facility clearance level (FCL)?

**Optional Feedback.** Please provide additional feedback here or further expand on any responses provided above.



## Tranche 1

## Missile Defense Agency (MDA) Agile Professional Services Solutions (MAPSS) Request for Information (RFI)

### *Initial Sources Sought Market Research by Tranche – Additional Questions*

Responses to the additional questions count toward the overall page count of your capability statement (not to exceed ten (10) pages). Responses to these questions are not to be submitted in the "Optional Feedback" section of the Standard Form.

#### **Tranche 1 - Core Engineering - Additional Survey Questions**

- 10) At this time, what is your company's experience with architecture planning and management for a system of systems?
- 11) At this time, what is your company's experience with requirements development for a system of systems?
- 12) At this time, what is your company's experience with designs and specifications for a system of systems?
- 13) At this time, what is your company's experience with the conduct of assessments and analyses for a system of systems?
- 14) At this time, what is your company's experience with program integration for a system of systems?
- 15) At this time, what is your company's experience with test planning and execution for a system of systems?
- 16) At this time, what is your company's experience with risk management for a system of systems?
- 17) At this time, what is your company's experience with operations for a system of systems?
- 18) At this time, what is your company's experience with general engineering support for a system of systems?
- 19) At this time, what is your company's experience with the design, testing, validation, verification, and operations; and use of models and simulations in support of systems engineering processes for a system of systems?

#### **Tranche 1 - MAPSS Command & Control (C2) and Sensors Engineering - Additional Survey Questions**

- 10) At this time, what is your company's experience with development, validation, and deployment of command and control weapon systems?
- 11) At this time, what is your company's experience with command and control systems?
- 12) At this time, what is your company's experience with support for developing situational awareness and in-flight system update capabilities for C2?
- 13) At this time, what is your company's experience with sensor design, development and deployment to include Radio Frequency (RF) sensors, and Infrared (IR) sensors?
- 14) At this time, what is your company's experience with ground, space and sea based sensor systems architecture planning and management for a system of systems?

#### **Tranche 1 - MAPSS Ground-Based Weapon System Engineering - Additional Survey Questions**

- 10) At this time, what is your company's experience with development of a complex, ground-based weapon system?
- 11) At this time, what is your company's experience with validation of a complex, ground-based weapon system?
- 12) At this time, what is your company's experience with deployment of a of complex, ground-based weapon system?
- 13) At this time, what is your company's experience with partnering with allies for development, validation, and deployment of a complex, ground-based weapon system?
- 14) At this time, what is your company's experience with providing targets for a complex weapon system?

## Tranche 1

**Tranche 1 - MAPSS Sea-Based Weapon System Engineering - Additional Survey Questions**

- 10) At this time, what is your company's experience with booster design for a complex, sea-based weapon system?
- 11) At this time, what is your company's experience with development and integration for a complex, sea-based weapon system?
- 12) At this time, what is your company's experience with kill vehicle and payload design for a complex, sea-based weapon system?
- 13) At this time, what is your company's experience with target design for a complex, sea-based weapon system?
- 14) At this time, what is your company's experience with deployment of a complex, sea-based weapon system?
- 15) At this time, what is your company's experience with launcher design for a complex, sea-based weapon system?
- 16) At this time, what is your company's experience with system safety for a complex, sea-based weapon system?
- 17) At this time, what is your company's experience with sensor design, development and deployment to include Radio Frequency (RF) sensors, and Infrared (IR) sensors?
- 18) At this time, what is your company's experience with providing system engineering for regional defense weapons systems?