

This Request for Information (RFI) is for Information Analysis Center Multiple Award Contract (IAC MAC) Solicitation # in FBO is FA8075-17-R-0001, Posted to FBO 17 June 2016

As a follow-up to the Industry Day conducted on 16 June 2016, the Air Force Installation Contracting Agency/KD (AFICA/KD), in support of the Defense Technical Information Center (DTIC), a Department of Defense (DoD) Field Activity under the Under Secretary of Defense for Acquisition, Technology, and Logistics (USD(AT&L)), operating under the authority, direction, and control of the Assistant Secretary of Defense for Research & Engineering (ASD(R&E)), is conducting market research to determine industry capability (i.e., Large and Small Businesses to include institutions of higher learning) to perform Information Analysis Center (IAC) Technical Area Tasks (TATs) aka Task Orders, under indefinite-delivery, indefinite quantity multiple award contracts. (NOTE: Attached is a background word document that provides the contemplated requirements and scope of the work along with the DoD IAC Program website links critical to understanding the requirements and the IAC MAC Request for Information Questionnaire).

This market research will aid AFICA/KD and DTIC in determining whether (1) there is sufficient industry/academia interest and capability in the collective focus areas as structured and (2) whether there is sufficient Small Business interest and capability to set aside this with a dollar threshold and help determine what that dollar amount should be. Regarding small business set-aside considerations, it is important to note that responses to this sources sought must reasonably demonstrate an expectation that offers will be obtained from at least two responsible small businesses, who have Defense Contract Audit Agency-confirmed adequate accounting systems suitable for a cost reimbursement contract, that clearly demonstrate their capability to bring the best scientific and technological resources to bear and to do so in a manner that would ensure that at least 50 percent of the cost of contract performance incurred for personnel would be expended by employees of that small business concern. In addition, small business size status responses to this sources sought/request for information will be verified by the government via the Online Representations and Certifications Application (ORCA) before making any small business set-aside determination and as such, it is imperative that small businesses ensure their ORCA records are current and accurate (<https://orca.bpn.gov/>).

Industry responses shall be submitted by completing and submitting the attached Questionnaire to this announcement via email to IACMAC@us.af.mil by 4:00pm local time 15 July 2016. Additional materials and information should not be submitted and will not be reviewed or considered. While answers are not limited to the spaces provided in the Questionnaire (i.e., the text blocks will expand), respondents shall not alter the questionnaire format. There is no maximum page limit to the completed Questionnaire. This is a follow-on to the IAC Industry Day conducted on 16 June 2016 during which the IAC Program Way-Ahead contemplated acquisition strategy was announced, the slide presentation and subsequent questions and answers for which will be posted on FedBizOpps.Gov under Solicitation Number "FA8075-17-R-0001." It is the responsibility of parties interested in this "IAC MAC" market

research effort, as well as other IAC Program market research activities, to monitor Solicitation Number “FA8075-17-R-0001” at FedBizOpps.Gov and towards that end the government recommends you place yourself on the FedBizOpps.Gov “Watch This Opportunity” list, which will generate automatic email notification of any changes to the FedBizOpps.Gov announcement. You might also take advantage of the FedBizOpps.Gov “Add Me to Interested Vendors” list should you desire that other interested parties know of your interest in these requirements.

The information being requested is for planning purposes only and shall not be considered as a commitment by the government for any purpose. Responses are strictly voluntary and the government will not reimburse respondents for any costs associated with the submittal of the requested information. Any information submitted in response to this sources sought/request for information is subject to disclosure under the Freedom of Information Act, 5 USC § 552(a). The government does not request any proprietary information be submitted, nor shall it be liable, for any consequential damages for any proprietary information.

Responses to the attached sources sought/request for information are due no later than 4:00 PM local time, 15 July 2016 and shall be submitted via email to IACMAC@us.af.mil.

ATTACHED:

- 1.) RFI Background Info_IAC MAC_6-17-2016
- 2.) RFI Questionnaire_IAC MAC_6-17-2016

**DoD INFORMATION ANALYSIS CENTERS (IAC) MULTIPLE AWARD CONTRACT (MAC)
VEHICLE SOURCES SOUGHT/REQUEST FOR INFORMATION BACKGROUND INFORMATION**

A. OVERVIEW/SUMMARY – IAC MAC

1.) This Sources Sought Synopsis/Request for Information (RFI) is intended to obtain information regarding small business capability, capacity and financial viability to enable the Government to determine the most appropriate acquisition strategy for this Defense Technical Information Center (DTIC) Information Analysis Centers (IAC) Multiple Award Contract (MAC) acquisition, given the requirements of FAR 19.502-2(b) and 19.502-3. Any small business set-aside provisions established in the contracts awarded under the IAC MAC vehicle will be subject to the Limitation on Subcontracting Clause (FAR 52.219-14). The requirements of this clause will be incrementally measured at either the contract level on an annual basis, across all Technical Area Tasks (TATs) aka Task Orders awarded under each contract or on a Task Order by Task Order basis (to be determined). **POTENTIAL SMALL BUSINESS (SB) PRIME AND SUBCONTRACTORS FOR IAC MAC ARE ENCOURAGED TO COMPLETE THE RFI QUESTIONNAIRE (ATTACHMENT 1) AND ELECTRONICALLY RETURN IT NLT 4:00 [P.M.] CST-Close of Business on 15 July 2016 TO IACMAC@us.af.mil.**

To determine if IAC MAC could be conducted as a 100% small business set-aside or partial small business set-aside, the Government must be confident that sufficient responsible small businesses, inclusive of teaming partners, would submit responsive offers which are competitive in terms of market prices, quality, and delivery and would successfully perform any Task Orders that might arise. As the term "respondent" is used herein, this term refers to the respondent and any *specific, named subcontractors or other specific, named teammates* it addresses in its response. As used herein, the term "subcontractor" has the meaning as defined at FAR 44.101 and includes vendors, suppliers, consultants, or any other firm or organization that a prime contractor would purchase from, in order to perform a Task Order. For small business respondents contemplating performing as a prime contractor, the Government will consider, when evaluating whether any portion of this requirement could be conducted as a small business set-aside, the provisions of FAR 52.219-14 and how the respondent would adhere to that clause. See paragraph 3 below.

2.) IAC MAC Details

- **Contemplated Acquisition Strategy:** Multiple-Award Indefinite Delivery/Indefinite Quantity (IDIQ) contract vehicle seeking to award multiple IDIQ contracts per award pool. The number of awards sought will be established in the RFP and will be based on the results of market research. The Government is contemplating three separate award pools: 1) A full and open competition/unrestricted pool for 21 scope areas as described in this RFI Background document. This pool is open to all sources; 2) A small business set aside pool for 21 scope areas for which Technical Area Tasks (TATs), aka Task Orders with a total estimated ceiling or firm fixed price below an amount of (\$TBD) will be set aside for exclusive small business competition among awardees in this pool; and 3) A full and open competition/unrestricted pool for the technical scope focus area of Chemical, Biological, Radiological Nuclear (CBRN) defense services.

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- **The source selection approach** to be used for all pools (each will have a separate source selection) will utilize a trade-off among price and non-price factors. This contract vehicle is a consolidated follow-on to the DTIC IAC Defense Systems Technical Area Task (DS TAT), Homeland Defense and Security TAT (HD TAT) and Cyber Security and Information Systems TAT (CS TAT) contract vehicles. It is anticipated that the IAC MAC vehicle contracts will be awarded by Pool, over a period of approximately one - six months. Awards are projected to occur during the first quarter of FY 19. Information on the IAC contracts is available at <http://iac.dtic.mil/>.
- **Estimated Ceiling:** The estimated ceiling value for the vehicle (all contracts/pools combined) is \$28B based on current, historical and projected requirements for the entire 10 year maximum ordering period, all options included.
- **Contemplated NAICS / SB Size Standard:** 541712, Research and Development in the Physical, Engineering, and Life Sciences (except Biotechnology) – 1000 Employees.
- **Use and Ordering:** Customers eligible to use the IAC MAC vehicle are primarily DoD agencies but may include civilian federal agencies and other entities in academia or industry authorized to use DTIC services. IAC MAC will be open to all federal agencies. It is anticipated that the primary ordering office will be AFICA/KD. Technical oversight of orders will be performed jointly by the customer and contract-level Contracting Officer's Representatives (CORs).
- **Contract Type/Scope:** IAC MAC Task Order contract types permitted will be cost reimbursement, firm fixed price and fixed price level-of-effort. It is anticipated that all orders will be competed using the FAR 16.5 "Fair Opportunity" process and have periods of performance up to five years. All orders must fall within the technical scope area(s) of the applicable IAC MAC award pool (as detailed further herein), require research and development (R&D) services or advisory services, and generate scientific and technical information (STI) in the form of deliverables that will be submitted to and stored by DTIC and shared across the DTIC scientific and technical (S&T) communities of interest. R&D requirements will primarily involve applied (also known as advanced) research and development, but may involve some basic research.
- **Usage Costs:** All Task Orders will be 100% funded by the requiring activity (RA) customer who initiates the order requirement. Customers will pay DTIC a fee-like "Customer Shared Direct Cost" (CSDC) to place orders on their behalf. The CSDC is adjusted annually and is typically about 1-2% of the obligated value of the Task Order. DTIC will provide direct support to potential customers in preparing Task Order requirements packages and working with the ordering contracting office(s). These services are not separately charged to the RA and are provided as part of the CSDC.
- **Estimated Draft Request for Proposals (RFP) Issue Date:** Fall 2016
- **Estimated Contract(s) Award Date:** Fall 2018

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3.) Teaming: Small businesses interested in pursuing this opportunity may consider teaming arrangements, partnerships, joint ventures, etc. to facilitate their participation. Interested parties are encouraged to visit the DOD Guidebook on Small Business Teaming at:

http://www.acq.osd.mil/osbp/docs/dod_OSBP_Guidebook_for_Facilitating_Small_Business_Team_Arrangements.pdf ,

The Guidebook explains how the small business size standards and Limitations on Subcontracting (FAR 52.219-14) clause requirements apply to various types of small business teaming arrangements. As used in the Guidebook and for this requirement, the term "teaming arrangement" is a broad term that encompasses traditional prime/subcontractor relationships as well as other arrangements such as joint ventures and partnerships. See FAR definition of "contractor team arrangement" at FAR 9.601.

4.) Organizational Conflict of Interest (OCI): The prime contractors for the IAC Basic Center of Operations Contracts, e.g. (CSIAC, DSIAC and HDIAC) are not precluded from being a Prime or Subcontractor on this IAC TAT contract. However, BCO prime contractors will be precluded from proposing on individual TATs as a prime or subcontractor when the predominant or a significant portion of the TAT PWS scope falls under the same scope as their BCO contract; this restriction will be addressed in TAT-specific OCI language. The IAC TAT RFP and resulting contract will contain an OCI clause. When responding to this RFI, companies should consider these OCI restrictions when contemplating their team composition.

5.) The Government will assess the capability, capacity, and financial viability of potential offerors' responses to this sources sought/request for information to help determine the acquisition strategy, including small business approach. DTIC does not have an estimate of the typical quantities, dollar values, places of performance, and periods of performance or technical scope focus areas of Task Orders that might arise each year on the IAC MAC. However, historical information about Task Orders issued under DS TATs, HD TATs and SNIM for FY 15 is provided herein (NOTE: SNIM is the predecessor contract to the Cyber Security and Information Systems (CS TAT) contract; the CS TAT period of performance started 1 December, 2015. SNIM and CS TATs have the same scope. Respondents are encouraged to take into account this historical TAT information when completing this RFI Questionnaire in order to demonstrate capability, capacity and financial viability to perform any award pools under IAC MAC.

a. "**Capability**" means the respondent's demonstrated knowledge and ability to successfully perform, at time of contract award, at least some of the Task Order requirements that might arise under the contract. Capability is demonstrated through the respondent having an existing and regular line of business in one or more of the scope focus areas, actual current or recent experience performing similar projects, and employing managers with relevant subject matter and management expertise who are able to plan, execute and manage work activities in the subject area. Scope focus areas for IAC MAC are listed and described under Section B. herein. Capability also includes the respondent's demonstrated ability to meet all potential Task Order period of performance, place of performance, and security

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clearance requirements. Under IAC MAC, Task Order periods of performance of up to 5 years will be authorized. Task Orders may require work at both the contractor's facility or Government facility(ies) or both, may have place(s) of performance within CONUS/OCONUS or foreign countries and most require personnel to hold up to a Top Secret (TS) clearance with the contractor possessing up to a TS facility clearance. IAC MAC offerors will be required to demonstrate that the prime contractor holds a Top Secret facility clearance on the date of proposal submission and the clearance must also be in place on day one of contract performance (i.e., upon award) and maintained throughout the entire period of performance of the contract.

b. **“Capacity”** means the respondent would be fully prepared to successfully perform the magnitude of effort required by this contract in at least one of the pools. The number of Task Orders and corresponding level of effort, expressed as “full-time equivalents” (FTE) that the contractor would be required to demonstrate capacity to perform, per pool, is shown in Table 1 below. A full time equivalent is defined as one OR MORE individuals, who *when combined*, perform an average of approximately 40 hours per week for one person on a single contract. For example, one individual who charges 40 hours/week for 52 weeks/year to a single contract, after subtracting their non-billable hours (paid absences), delivers approximately 1880-1920 hours per year to that contract – this is one FTE. Four individuals who each charge 10 hours per week individually, for 52 weeks/year to a single contract, after subtracting non-billable hours for paid absences, deliver a combined amount of approximately 1880-1920 hours per year to that single contract – this is one FTE. To demonstrate capacity, respondents must show that they can successfully perform the requirements of the pool:

1. **Pool 1 – 21 Scope Areas/Unrestricted:** The anticipated amount of Task Orders that are to be awarded on this contract is approximately 200 typical Task Orders concurrently by the 4th year, with a typical Task Order being valued at \$24M, with a period of performance of 48 months. The Government contemplates awarding 10 contracts in this Pool. The Government estimates that on average a contractor in this pool would be able to provide \$120M in services with approximately 600 FTEs per year by the 4th year, and covering all 21 scope areas. Respondent also must demonstrate capacity in all of the following three scope areas: 1) Survivability, Reliability, 2) Maintainability, Quality, Supportability and Interoperability (RMQSI), and 3) Modeling & Simulation and have experience in some of the remaining 19 scope areas.
2. **Pool 2 – 21 Scope Areas/Small Business Set Aside:** The anticipated amount of Task Orders that are to be awarded on this contract is approximately 60 typical Task Orders concurrently by the 3rd year, with a typical Task Order being valued at \$9.9M with a period of performance of 36 months. The Government contemplates awarding 4 contracts in this Pool. The Government estimates that on average a contractor in this pool would be able to provide \$49.5M in services with approximately 250 FTEs per year by the 3rd year, and covering a majority of the 21 scope areas. This is the Small business pool and therefore a contractor in this pool would have to supply approximately 125 FTEs of their own employees to fulfill the “Limitations on Subcontracting” 50% rule. Respondent also must demonstrate capacity in all of the following three scope areas: 1) Survivability, Reliability, 2) Maintainability, Quality, Supportability and

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Interoperability (RMQSI), and 3) Modeling & Simulation and have experience in some of the remaining 18 scope areas.

- 3. Pool 3 – 1 Scope Area (CBRN), Unrestricted:** The anticipated amount of Task Orders that are to be awarded on this contract is approximately 24 typical Task Orders concurrently by the 4th year, with a typical Task Order being valued at \$28M, with a period of performance of 54 months. The Government contemplates awarding to 4 contractors in this Pool. The Government estimates that on average a contractor in this pool would require approximately 218 FTEs per year by the 4th year, and predominantly covering the CBRN defense scope area. Respondent also must demonstrate ability to meet all CBRN requirements (top secret clearance and labs access, described under Scope Area CB-1 CBRN Defense).

Historically, the predominant portion of the cost of performing a typical Task Order has been labor/services with "other direct costs" (travel, materials, supplies, facilities charges, etc.) being incidental relative to labor. Therefore, "capacity" will primarily entail a respondent demonstrating an ability to staff multiple Task Orders concurrently with an appropriate number of individuals who possess the qualifications and clearances required by the Task Orders. If the respondent is a small business contemplating performing as a prime contractor, the Government will consider the respondent's demonstrated ability to perform this effort within the constraints of the FAR 52.219-14 Limitation on Subcontracting Clause (which will apply to any award pools with a small business set aside feature). Personnel resources may be in the form of existing and currently available prime contractor employees, teammate/subcontractor employees, or the respondent's ability to recruit and hire necessary new employees in time to propose and successfully perform the Task Order. Respondents should show the number of available employees with relevant qualifications that the respondent currently employs, a brief description of the subject matter and management expertise of the supervisors who would manage Task Orders, and the in-house resources they possess to recruit and hire subject matter experts quickly. Vague and generalized statements such as "we will hire highly qualified personnel as needed" would not demonstrate that the respondent has the necessary capacity.

For the portion of labor or facilities that the respondent would subcontract out, if any, a demonstration of "capacity" requires the respondent to address existing or planned agreements/subcontracts/purchase orders with specific, named, entities and a demonstration of those entities' capability and capacity. The respondent is required to demonstrate that those entities, in combination with the prime, would possess the resources necessary to perform the contemplated magnitude of Task Orders and have the ability to deliver those resources in a timely manner to the customer. The respondent's ability to timely enter into appropriate agreements with qualified subcontractors and to successfully manage those subcontractors, is paramount and will be a significant element of the Government's evaluation of capacity. Generalized and vague statements such as "we would subcontract for personnel with specialized knowledge as needed" would not demonstrate that the respondent has the necessary capacity.

In response to individual Task order RFPs, prime contractors will be permitted to propose new subcontractors that were not members of their original team at the time of contract award. All new

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proposed subcontractors will be subject to Contracting Officer evaluation and consent pursuant to FAR 44.101, prior to award of a Task Order.

IAC MAC Task Order Proposal Requests (TOPRs) aka RFPs will typically be issued with a 30-day proposal response time with estimated TO ceiling values ranging from a few hundred thousand dollars to \$100 million dollar plus efforts (over the entire Task Order period of performance). The lead time from delivery of a proposal to when the contractor begins performing the Task Order is typically 3-6 months.

Table 1 below provides the FY15 TATs ceiling value and number for Task Orders awarded in each scope family (1) Cyber Security and Information Systems, 2) Defense Systems and 3) Homeland Defense and Security) over \$100M, between \$50M and \$100M, between \$10M and \$50M, between \$5M and \$10M, and under \$5M for the SNIM, HD TAT and DS TAT contracts.

TABLE 1 - FY 15 IAC MAC TAT AWARDS													
Scope Family	> \$5M		\$5M to \$10M		\$10M to \$50M		\$50-\$100M		Over \$100M		TOTAL		
	Value	#TATs	Value	#TATs	Value	#TATs	Value	#TATs	Value	#TATs	Value	#TATs	
Cyber Security & Information Systems (SNIM)	\$6,779,582	2	\$ -	0	\$184,399,753	7	\$ -	0	\$ -	0	\$191,179,335	9	
Homeland Defense and Security	\$ 8,588,613	3	\$5,256,015	1	\$371,697,636	13	\$ -	0	\$ -	0	\$385,542,264	17	
Defense Systems	\$ 16,935,581	7	\$ 57,456,083	7	\$ 1,205,240,148	36	\$ -	0	\$ -	0	\$1,279,631,812	50	
	\$32,303,776	12	\$ 62,712,098.00	8	\$1,761,337,537	56							
TOTAL FY15:											Total:	\$1,856,353,411	76

c. **“Financial Viability”** means the respondent has the necessary financial ability to perform this acquisition. For example, the respondent can demonstrate credit worthiness by providing its Dun & Bradstreet rating, recent annual revenue/sales figures, descriptions of available lines of credit, etc.

B. IAC MAC SCOPE

IAC MAC requirements will consist of R&D as defined at FAR 35.001, and/or other advisory services. R&D services will consist of predominantly “applied” research and/or development efforts for the primary purpose of advancing scientific and technical knowledge or applying that knowledge to the extent necessary to achieve agency and national goals.

R&D Services shall be focused on enhancing the productivity of the Defense Research and Engineering community in performing their mission of ensuring that warfighters today and tomorrow have superior and affordable technology to support their missions, and to give them revolutionary war-winning capabilities. All Task Orders must generate a significant amount of STI.

Representative tasks that may be ordered within the IAC MAC scope include: technical development, technology evaluation, development of plans and frameworks, technology implementation, technical

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research and analyses, training (non-routine), technology-related operations and support (non-routine) development analysis, general technical subject matter expertise, and facilitation or participation in technical conferences and meetings.

The IAC MAC scope does not include routine operational and maintenance-type services such as data entry, maintenance and training on fully developed/deployed systems, help-desk support on developed systems, functions that are solely administrative, etc. All TATs must be for the primary purpose of analysis or development that will generate STI. Routine "operational" type services will be permitted to be included on a Task Order as long as they are incidental to, and necessary for, completion of related scientific and technical analysis/developmental efforts that will generate STI.

IAC MAC Award Pools

The DoD IACs is contemplating establishing three contracts/pools under the IAC MAC contract vehicle, each with multiple awards. The Government contemplates approximately ten awardees for Pools 1 through 3 combined (Full and Open/Unrestricted, CBRN Defense and Small Business Set-Aside) and four awardees for Pool 2 only (Small Business Set Aside). This number is subject to change based on the results of market research and best value determinations made during the source selection process. Each pool will be a separate contract with a separate source selection and competed through its own solicitation proposal instructions and evaluation criteria. This acquisition strategy is still under development and is subject to change. The DoD IACs is soliciting input from industry via this RFI and ongoing market research to identify the optimal acquisition approach. Table 2 below provides a description of the contemplated pools.

Table 2 - Contemplated Award Pools

Pool Number	Award Pool Name	Description
1	Twenty One Scope Areas - Full and Open (F&O) Competition/Unrestricted	All Defense Systems, Homeland Defense and Security and Cyber Security and Information Systems scope areas (21 total) except for Chemical, Biological, Radiological and Nuclear (CBRN) Defense. Task Orders to be competed among awardees of this pool will be valued at or above the Small Business Set-Aside Threshold. All

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		<p>sources may propose to win a contract in this pool. It is contemplated that awardees in this Pool 1, and in Pool 2 (Small Businesses) may compete on Task Orders under this pool, however, no Task Orders will ever be a full or partial set aside for exclusive small business participation under this pool.</p>
2	Twenty One Scope Areas – Small Business Set-Aside	<p>All Defense Systems, Homeland Defense and Security and Cyber Security and Information Systems scope areas (21 total) except for Chemical, Biological, Radiological and Nuclear (CBRN) Defense. Task Orders must be valued below the Small Business Set-Aside Threshold (amount is TBD) based on Task Order ceiling price – all years combined. All Task Orders under the set aside threshold will be set aside for exclusive participation of the awardees under this pool, who must be small under NAICS 541712 and will be subject to the Limitation on Subcontracting clause FAR 52.219-14.</p>
3	CBRN Defense – Full and Open (F&O) Competition/Unrestricted	<p>Limited to the CBRN Defense scope area. Prime contractor must have access to Bio-Safety Lab Level 3/Chemical Surety and other lab-certified capable facility (see details below under Pool description). All sources may propose to win a contract in this pool. All Task Orders with a primary/predominant scope that is determined to be CBRN defense will be competed among the awardees of this pool. Pool 1 and 2 contractors will not be eligible to compete for Task Orders in Pool 3.</p>

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Scope Focus Area Definitions

Defense Systems Scope Family – Included in Pools 1 and 2; Ten Scope Areas

Scope Area DS-1 Survivability and Vulnerability refers to the science and technology for remaining mission- capable after a military engagement. The term “survivability” relates to the survivability of DoD platforms to avoid or survive a hostile threat (survivability of platforms and ability against specific threats). The scope of this contract is focused on the research and analysis of this subject matter area. This subcategory comprises four elements: Susceptibility - the likelihood of being detected, identified, and hit; Vulnerability - the effects of being hit by a weapon; Recoverability - damage control, restoration, mission continuation, and escape and evacuation; and Lethality – the effectiveness of munitions. Examples of topics that fall within the general scope of Survivability and Vulnerability (this list is not all-inclusive) are shown below -- the contractor shall have the capability to perform research and R&D-related analysis and advisory and assistance services in the following scientific and technical information (STI) subject areas:

Survivable conventional force requirements; air platform survivability/vulnerability; ground system survivability/vulnerability; ship survivability/vulnerability; systems survivability; low observable technology requirements for system survivability; space related survivability; laser effects; advanced materials for enhanced survivability; high power microwave (HPM) susceptibility and vulnerability; battle damage repair; advanced weapon survivability/vulnerability; helicopter survivability/vulnerability; missile system survivability/ lethality analysis; aircraft survivability equipment; munitions/ammunition vulnerability; live fire testing analysis; ballistic test facility; modeling and simulation tools that are vital to survivability/vulnerability and lethality analysis; integrated survivability; crew casualty methodology improvement; support of combat operations; damage repair methodologies; and logistics implications of survivability.

Additionally, the contractor shall have the capability to perform research and R&D-related analysis and advisory and assistance services in the following non-nuclear threats scientific and technical information (STI) subject areas: conventional weapons, directed energy weapons, chemical and biological weapons, and non-lethal weapons.

Scope Area DS-2 Reliability, Maintainability, Quality, Supportability, and Interoperability (RMQSI) is composed of how well each weapons system is designed and manufactured, and its maintainability over time. The scope of this contract is focused on the research and analysis of this subject matter area. Examples of topics that fall within the general scope of RMQSI (this list is not all-inclusive) are shown below -- the contractor shall have the capability to perform research and R&D-related analysis and advisory and assistance services in the following scientific and technical information (STI) subject areas:

RMQSI applications in the following areas: interrelations between forms/functions/ shapes/ behaviors/structures/dynamics, principles and constraints that govern the interactions between multiple functions; the multi-functional component integration issues and system adaptation

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capabilities that allow systems to select and switch functions based on tasks and environments; and reliability and life-lengthening methodologies for analyzing mechanical and electrical systems, especially those with extremely low failure rates.

Additionally, the contractor shall have the capability to perform research and R&D-related analysis and advisory and assistance services in the following RMQSI scientific and technical information (STI) subject areas: System Acquisition Planning and Management; Systems Interoperability Assessment; Integrated Supply Chain Management; Application of Non-Developmental and Commercial Technology in Military Applications; Reliability Centered Maintenance Implementation; Logistics Management and Planning Tools; Root Cause Analysis; Corrective Action and Re-engineering; Sustainment Management Planning; Reliable Human Factors; Integrated Reliability & Maintainability (R&M) Test Planning; Affordability and Life Cycle Cost Analysis; Environmental Characterization; Quality Improvement Planning and Implementation; Design Trade-Off Analysis; and System/Equipment Lifetime Extension Analysis.

Scope Area DS-3 Military Sensing includes all sensing applications that apply to the defense of the United States of America. The scope of this contract is focused on the research and analysis of this subject matter area. Examples of topics that fall within the general scope of Military Sensing (this list is not all-inclusive) is shown below – the contractor shall have the capability to perform research and R&D-related analysis and advisory and assistance services in the following scientific and technical information (STI) subject areas:

X-ray, ultraviolet (UV), visible/optical, infrared, radar, laser, acoustic, aroma, and many other sensors; electronic warfare and countermeasures systems; and the fusion, processing, distribution, and display of sensed information; sensors, sensor subcomponents and materials technology; counter-countermeasures; directed energy/active systems; target, background and atmospheric phenomenology; manned and automated target acquisition/discrimination techniques.

The following are types of sensors the contractor shall have the capability to perform research and R&D-related analysis and advisory and assistance services: electromagnetic (EM); electro-optical (EO); infrared (IR); radar; acoustic; seismic; magnetic; fused sensor combinations. Spectral bands of EM sensors of interest include all wavelengths from the UV through radar (radio waves).

Scope Area DS-4 Advanced Materials is composed of traditional material and processes science, engineering and technologies in the context of defense systems and military applications. The scope of this contract is focused on the research and analysis of this subject matter area. Examples of topics that fall within the general scope of Advanced Material (this list is not all-inclusive) is shown below -- the contractor shall have the capability to perform research and R&D-related analysis and advisory and assistance services in the following scientific and technical information (STI) subject areas:

Organic materials and organic-matrix composites including aerospace structural/thermal composites and hard coatings for wear and corrosion resistance; effects of ion bombardment; material and component technologies; self-assembly of microstructures for advanced materials including tubules; advanced ceramics and ceramic sol gels; and the assessment of potential applications including:

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controlled release, advanced composites for electronic, structural, and thermal applications, and environmental applications.

The scope also includes manufacturing and testing, including: all processing and fabrication methods associated with the design, research and development and repair/remanufacturing of metals, composites, and energetic and munitions technologies; new and existing machine intelligence; non-destructive evaluation (NDE), testing and inspection; corrosion mitigation; mortar tubes; weapons system life extension; thermal controls and batteries; processing techniques that can be developed for rapidly synthesizing materials and structures at low environmental and fiscal costs; and emerging technologies such as non-reflecting and self-cleaning surfaces, biocompatible silk, energetic material (for example, pyrotechnic compositions and explosives) and nanotechnology (for example, designing and developing nano-materials, nano-particles, and potential device application) .

Scope Area DS-5 Energetics refers to the scientific study of energy under transformation in the context of defense systems and military applications. The scope of this contract is focused on the research and analysis of this subject matter area. Examples of topics that fall within the general scope of Energetics (this list is not all-inclusive) is shown below -- the contractor shall have the capability to perform research and R&D-related analysis and advisory and assistance services in the following scientific and technical information (STI) subject areas:

Disruptive energetics; swarming bullets; micro- munitions; detonation science, chemical engineering, reactive metals used as explosives and chemical propulsion; all aspects of rocket propulsion ranging from small scale liquid engine components and tactical motors to launch booster class engines and strategic rocket motors as well as intermediate devices including combined cycle designs, spacecraft propulsion and space and missile propulsion system components; research into propulsion concentrated on processes characteristic of reciprocating (diesel) and gas turbine engines and the combustion dynamics of propellants used for gun and missile propulsion; emerging technologies relating to the research and evaluation of hybrid propulsion as a viable propulsion alternative to conventional propulsion; hybrid fuels and oxidizers; pyrotechnics; and rocket nozzle technology and propellant grains.

Scope Area DS-6 Non-Lethal Weapons and Information Operations covers weapons, devices, operations, tactics and munitions that are explicitly designed and primarily employed to immediately incapacitate targeted personnel or materiel, or to act as force multipliers through the use of political, military, economic and ideological activities, while minimizing fatalities, permanent injury to personnel, and undesired damage to property in the target area or environment. Non-lethal weapons and information operations are intended to have reversible effects on personnel and materiel. The scope of this contract is focused on the research and analysis of this subject matter area. Examples of topics that fall within the general scope of Non-lethal Weapons and Information Operations (this list is not all-inclusive) are shown below -- the contractor shall have technical familiarity to work with these STI subject areas: Sound (sonic weaponry, acoustic weapons); stench warfare (stink bombs); military information support operations; sock rounds, pepper spray; entangling devices; and the use of non-lethal weapons to combat asymmetric threats and operations on a real-time basis in the battlefield and at greater than small arms range.

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Scope Area DS-7 Directed Energy Weapons includes weapons that emit energy in an aimed direction without the means of a projectile. The scope of this contract is focused on the research and analysis of this subject matter area. Examples of topics that fall within the general scope of Directed Energy Weapons (this list is not all-inclusive) are shown below -- the contractor shall have the capability to perform research and R&D-related analysis and advisory and assistance services in the following scientific and technical information (STI) subject areas:

Electronic warfare with subcategories of electronic attachment, electronic protection and electronic warfare support; electromagnetic power – bombs; electro laser and other electroshock weapons; radio frequency technologies; microwaves to disable communications; pulsed energy projectiles; electromagnetic radiation; particle energy projectiles; particle beam weapons; electron particle beam weapons; high-energy laser and related technologies; and countermeasures such as reflective coatings, gas envelopes and chaotic trajectories, and all processing and fabrication methods associated with the design, research and development, production and repair of directed weapons.

Scope Area DS-8 Autonomous Weapon Systems is composed of ground, air, or sea-launched kinetic munitions that utilize on-board sensors, algorithms, and control methods to improve estimates on the target state, to understand the implications of the engagement situation/environment, or to develop engagement geometries that are otherwise unavailable to a conventional weapon. The scope of this contract is focused on the research and analysis of this subject matter area. Examples of topics that fall within the general scope of Autonomous Weapon Systems (this list is not all-inclusive) are shown below -- the contractor shall have the capability to perform research and R&D-related analysis and advisory and assistance services in the following scientific and technical information (STI) subject areas:

Unmanned Aerial Vehicles (airplanes, helicopters, drones); unmanned submarines and surface vessels (boats, sea robotics); unmanned ground vehicles (robots, tanks, hummers); and the following as they pertain to autonomous systems: precision effects; precision control; timely precision stand-off; responsive and dynamic targeting; difficult target defeat; semi-autonomous weapons; miniature autonomous systems; full range of weapon capabilities of manned weapons; operations of autonomous agents such as anti-traction and anti-reaction chemicals; counter-mobility agents; pulsed energy projectiles; plasma weapons; advanced optical and communications technologies; stochastic pursuit-evasion differential games with multi-players; hunter-prey relationships and swarming behavior; challenging environments (for example, littorals, urban, adverse weather, night, denial, deception, active defenses) and networked operations.

Scope Area DS-9 Weapons Systems refers to any integrated system, usually computerized, for the control and operation of weapons; this includes strategic and tactical, offensive and defensive weapons. This domain area covers any facet of technical research and analysis related to Weapons Systems that is not covered in a more specific bolded sub-category. The scope of this contract is focused on the research and analysis of this subject matter area. Examples of topics that fall within the general scope of Weapon Systems (this list is not all-inclusive) are shown below -- the contractor shall have the capability to perform research and R&D-related analysis and advisory and assistance services in the following scientific and technical information (STI) subject areas:

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Space and anti-satellite systems; soldier systems; future combat systems; guidance systems; tanks, aircraft, ship, submarine, and missile systems; countermeasures against laser-guided or laser-aided threats; revolutionary lethal, less lethal and non-lethal munitions-related research for new airframe/ordnance and guidance/control technology weapon paradigms; and the environmental impacts of weapon systems (for example, safe disposal of weapons, materials, and components; energy consumption, conservation and management; and environmental remediation and restoration.

Scope Area DS-10 C4ISR Systems, procedures, and techniques used to collect and disseminate information, principally through Radio Frequencies propagated in the electro-magnetic spectrum. This includes intelligence collection and dissemination networks, command and control networks, and systems that provide the common operational/tactical picture. C4ISR also includes information assurance products and services, as well as communications standards that support the secure exchange of information by C4ISR systems (digital, voice, and video data to appropriate levels of command). Example technologies include hardware, such as radios, receivers, satellites, relays, routers, computers, and other information technology infrastructure. For Intelligence, Surveillance, and Reconnaissance ("ISR"), examples include the use of remote sensors (infrared, optical, radio frequency sensors) placed on platforms such as satellites and unmanned vehicles. For Command and Control, technologies require computing power and computer algorithms to fuse multiple sensor inputs and data streams into decision-support software to provide situational awareness. Other software algorithms and programs applied to C4ISR include those that ensure interoperability among disparate communications systems, encryption algorithms to ensure secure communications, signal detection and image processing methods, antijamming and low probability of signal intercept techniques, communications networking protocols, and inertial navigation. Threat warning systems and electronic countermeasures such as jamming techniques and decoys are also included in this technology area.

Homeland Defense and Security Scope Family – Included in Pools 1 and 2; Seven Scope Areas

Scope Area HD-1 Homeland Defense & Security is composed of Counterterrorism, Environmental Security, Aviation Security, Law Enforcement, Fraud Protection, Building and Facilities Security, Border Security, Disaster/Emergency Response and Recovery, and Cyber Security/Information Management. This is a domain area that covers any facet of homeland defense/security that is not covered in a more specific bolded sub-category below. The scope of this contract is focused on the research and analysis of this subject matter area. Examples of topics that fall within the general scope of Homeland Defense and Security (this list is not all-inclusive) are shown below. The contractor shall have the capability to perform research and analysis and other advisory services in the following scientific and technical information (STI) subject areas:

(1) IED/terrorist attack prediction; (2) technology and methods to detect explosives in public spaces and transportation networks ; (3) spectrum management (i.e., the federal government's use of the radio frequency spectrum) ; (4) emergency response information networks ; (5) analysis of terrorist tactics and strategies ; (6) operational threat response and recovery; (7) air and space domain surveillance and intelligence integration ; (8) homeland defense-related sensor and imaging technology (i.e., non-military) ; (9) technology and methods for protection against counterfeiting and trafficking (10); the

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detection/prevention of documentation- and computer-related fraud; (11) emerging technologies relating to physical security, exposing identity theft, controlling access across borders; (12) and emerging technologies relating to building, sustaining, and improving capabilities to prepare for, protect against, respond to, recover from, and mitigate all hazards including natural disasters and terrorist attacks .

Scope Area HD-2 Critical Infrastructure Protection (CIP) is the protection of infrastructure and resources critical to national security, and is composed of National Infrastructure, Physical and Virtual Systems, Cyber Infrastructure and Continuity of Operations (COOP). The scope of this contract is focused on the research and analysis of this subject matter area. Examples of topics that fall within the general scope of CIP (this list is not all-inclusive) are shown below. The contractor shall have the capability to perform research and analysis and other advisory services in the following scientific and technical information (STI) subject areas:

(1) Emerging technologies and methodologies relating to public health ; (2) financial services ; (3) security services (police, military) ; (4) telecommunications ; (5) agriculture ; (6) security threats posed from cyber warfare and operational factors and functions ; and (7) COOP planning . Technology could include network development and analysis tools, failure modeling and simulations, analysis of data streams, development of new affordable, transportable utility components, telecommunications, blast analysis and protection, and surveillance methods and technology.

Scope Area HD-3 Weapons of Mass Destruction (WMD) are defined as weapons that can kill a large number of people or cause damage to man-made structures, national structures or the biosphere. The scope of this contract is focused on the research and analysis of this subject matter area. Examples of topics that fall within the general scope of WMD (this list is not all-inclusive) are shown below. The contractor shall have the capability to perform research and analysis and other advisory services in the following scientific and technical information (STI) subject areas:

(1) International weapons technology and proliferation ; (2) arms control ; (3) technologies for preparedness, countermeasures and investigations ; (4) research and analysis related to WMD and IED-related international R&D technology, including implications of emerging threat information and queries from the intelligence community ; (5) emerging technologies relating to missiles (ballistic and cruise) ; (6) and non-conventional military weapons (for example, research and analysis related to IEDs).

Scope Area HD-4 Biometrics is the automated methodology to uniquely identify humans using their physiological or behavioral attributes. The scope of this contract is focused on the research and analysis of this subject matter area. Examples of topics that fall within the general scope of Biometrics (this list is not all-inclusive) are shown below. The contractor shall have the capability to perform research and analysis and other advisory services in the following scientific and technical information (STI) subject areas:

(1) Emerging technologies relating to fingerprints, footprints, palm print, and hand geometry; (2) facial recognition including facial thermograph ; (3) gait recognition; (4) eye retinal and iris recognition; (5) odor/scent; (6) typing rhythm; (7) voice patterns; (8) signature; (9) vein scan ; (10) blood pulse; (11) nail bed identification; and (12) ear shape. Technology could include devices for synthesis, analysis, measurement and characterization of biological structures and features, devices to acquire biometric data, biometric screening capabilities, biometric detection devices and methods, and biomathematics.

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Scope Area HD-5 Medical is composed of any facet of medical research relating to homeland defense and security or military operations. The scope of this contract is focused on the research and analysis of this subject matter area. Examples of topics that fall within the general scope of Medical (this list is not all-inclusive) are shown below. The contractor shall have the capability to perform research and analysis and other advisory services in the following scientific and technical information (STI) subject areas:

(1) Traumatic brain injury; (2) mental health; (3) amputation; (4) prosthetics; (5) limb salvage; (6) rehabilitation; (7) burn treatment including thermal, electrical, chemical and laser; (8) prevention and treatment of hearing loss, vision loss and spinal cord injuries; (9) clinical informatics – the organization of healthcare information; (10) aviation and combat life support equipment; (11) regenerative medicine (the use of expanded stem cells in an effort to facilitate recovery of marrow that has been exposed to radiation and chemical weapons); (12) infectious diseases; (13) pharmaceuticals; (14) non-invasive and remote assessment of physiological status; (15) pre-symptomatic diagnoses technology; (16) molecular genetics and genomics; (17) soldier performance optimization; and (18) emerging technologies in diagnostic assays, disease vector control and protection systems.

Scope Area HD-6 Cultural Studies is composed of cultural and sociological analysis – research into the ideology, political and economic nature of a culture in order to better understand its people and government for national security purposes. The scope of this contract is focused on the research and analysis of this subject matter area. Examples of topics that fall within the general scope of Cultural Studies (this list is not all-inclusive) are shown below. The contractor shall have the capability to perform research and analysis and other advisory services in the following scientific and technical information (STI) subject areas:

(1) Cultural anthropology (for example, collecting data about the impact of global, economical and political processes on local cultural realities); (2) cultural diplomacy (for example, initiation or facilitation of information exchange with an aim to yielding a long-term benefit and build relationships and enhancing socio-cultural understanding); (3) public diplomacy (for example, communication with foreign publics to establish a dialogue designed to inform and influence); (4) strategic communication (for example, communicating directly and clearly with regard to the operations, structures and processes of the DoD); (5) study of terrorism and responses to terrorism; (6) research on individual and group behavior, quantitative techniques to describe and understand social and economic systems, graph theory and network analysis to model social networks and complex system behaviors; (7) socio-cultural computing; (8) human adaptation and response to perturbations (e.g., climate change, mass migration, war); (9) interactions between human and natural systems; (10) technologies to enable/enhance language learning; (11) theology/comparative religions; and (12) military information support operations (formerly referred to as “psychological warfare and operations”).

Scope Area HD-7 Alternative Energy – is composed of novel, non-traditional and emerging sources and technologies for harvesting, generating, storing, transmitting/transporting and reusing energy. The scope of this contract is focused on the research and analysis of this subject matter area. Examples of topics that fall within the general scope of Alternative Energy (this list is not all-inclusive) are shown below. The contractor shall have the capability to perform research and R&D-related analysis and advisory and assistance services in the following scientific and technical information (STI) subject areas:

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- (1) Fusion energy; (2) renewable energy including solar, hydro and wind power; (3) geothermal; (4) fossil fuels; (5) hydrogen energy; (6) bio-energy/biofuels; (7) advanced energy storage, distribution and generation; (8) portable, efficient and compact power technologies; (9) energy recovery and conversion including resource reuse and transformation; (10) micro-scale power sources; (11) novel electrical and magnetic materials; (12) biomimetics; and (13) nuclear batteries.

Cybersecurity and Information Systems Scope Family – Included in Pools 1 and 2; Four Scope Areas

Scope Area CS-1 Software Data and Analysis is defined as the process of inspecting, cleaning, transforming, and modeling data with the goal of highlighting useful information, suggesting conclusions, and supporting decision making. The scope, as it relates to the DoD RDT&E communities' needs, includes the entire field of software technologies and engineering, specifically as related to information, documentation, databases, model and architecture repositories, analysis, training, testing, data synthesis, hardware, software, standards, economic consideration of selection of techniques and processes, and interoperability. The contractor shall have technical familiarity to work with the following STI subject areas:

Installation, demonstration, test, validation and evaluation of new and existing software, tools, methods and software measurement technologies; evaluations of the quality of existing software systems and recommending improvements; needs and risk analyses of software packages (developmental, non-developmental and COTS) relative to mission requirements; development, updating, and evaluation of software engineering standards, specifications, handbooks, or manuals; supporting the revision and development of military standards and specifications; verification and validation of solution sets and protocols; assisting user organizations with all aspects of software acquisition; development of life cycle cost models; and customization of software analytical tools, models, decision aids, screening methods and techniques used to evaluate and support the authenticity and continuity of DoD, national, commercial, and international information systems.

Scope Area CS-2 Cyber Security (formerly called Information Assurance (IA)) is defined as the technologies, processes, and practices designed for prevention of damage to, protection of, and restoration of computers, electronic communications systems, electronic communication services, wire communication, and electronic communication, including information contained therein, to ensure its availability, integrity, authentication, confidentiality, and non-repudiation. While focused dominantly on information in digital form, the full range of CS also encompasses analog and physical form. The scope is not limited to information security; it includes the entire field of CS (availability, identification and authentication, confidentiality, integrity, and non-repudiation) and includes the economic considerations with respect to selection of CS techniques, CS processes, and industry trends. It also includes Information Operations (IO), e.g. operational security of IT, the use of the electromagnetic spectrum for IT purposes and computer network operations. In a contested cyber environment, CS supports Mission Assurance (MA) measures required to accomplish mission essential objectives. CS support to MA entails prioritizing mission essential functions, mapping mission dependence on cyberspace, identifying cyber-related vulnerabilities, and mitigating risk of these vulnerabilities. The contractor shall have technical familiarity to work with the following STI subject areas:

Full spectrum cyber operations including 1) developing CS planning frameworks and development of requirements and mission needs documents and conducting trade-off analyses; 2) cyber threat avoidance; 3) defensive cyber operations (DCO) including red teaming and performing threat

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assessments; and 4) cyber offensive and exploitative operations. All of the above may include: cyber technology research, analysis and prototyping, cyber situational and mission awareness, cyber modeling, simulation and war gaming, integrating innovative cyber technologies to enable cyber superiority and the facilitation of technology transition.

Scope Area CS-3 Modeling and Simulation is defined as the use of models, including emulators, prototypes, simulators, and stimulators, either statically or over time, to develop data as a basis for making managerial or technical decisions. The scope includes all classes of models and simulations, and may involve the interface of real-world systems (e.g., command and control systems, intelligence systems, weapon systems and components, sensors) with models or simulations, as well as working with model elements, standards and specifications, and modeling system descriptions, interfaces, and data communication methods. The contractor shall have technical familiarity to work with the following STI subject areas:

M&S subject matter expertise for supporting program reviews, strategic planning, exercise management, knowledge acquisition, and operations coordination and monitoring; providing support for DoD certification of compliance with High Level Architecture (HLA) for federates; evaluating and improving models and databases that support CS; the development and implementation of modeling and analysis tools for collaborative databases and data stores; applying M&S for evaluating the effectiveness of forces, systems, doctrines, tactics and plans in support of training, analysis and acquisition activities; evaluating M&S interoperability, reuse, capabilities and cost-effectiveness, particularly as fostered by the common technical framework; and supporting cross-domain coordination, configuration management, and military exercises and demonstrations.

Scope Area CS-4 Knowledge Management and Information Sharing is defined as the analysis and technical support of practices used in an organization to identify, create, represent, distribute, conduct and enable the adoption and leveraging of good practices embedded in collaborative settings and, in particular, in organizational processes. Information Sharing (IS) is defined as data exchange, communication protocols and technological infrastructures. It includes standardization of information, as well as the human functions involved in the semantic, pragmatic and social levels of organizational semiotics. The two areas of KM and IS are intertwined as information sharing is the foundation for knowledge management. The contractor shall have technical familiarity to work with the following STI subject areas:

Expertise in working with comprehensive collections of empirical data on the development, operation, and maintenance of software systems; analysis of this data (data may be from new or existing sources) – this includes data analytics (data to decisions); supporting the development, delivery and/or evaluation of training (including classroom, computer-based-instruction, videotape, distance learning, and other forms of instruction); expertise in advanced collaborative analysis tools that allow for the integration of existing and in-process social networking and intelligence data exploitation tools; and supporting the evaluation, development and implementation of a wide variety of intelligence and collaboration systems including Global Net Centric Systems. This subject area could involve computer system engineering and integration, software engineering and software technology, R&D transition, and computer network and communication engineering, development and deployment (including engineering, development and deployment involving both network devices/hardware and applications).

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CBRN Defense Scope Family - Included in Pool 3; One Scope Area

Scope Area CB-1 CBRN Defense is composed of defense against weaponized chemical, biological, radiological or nuclear agents. CBRN refers to deliberate use of these agents to cause significant harm. The scope of this contract is focused on the research and analysis of this subject matter area. Examples of topics that fall within the general scope of CBRN Defense (this list is not all-inclusive) are shown below. The contractor shall have the capability to perform research and analysis and other advisory services in the following scientific and technical information (STI) subject areas:

(1) Properties of CBRN materials ; (2) technology and methods for detection, identification, measurement and characterization of CBRN agents including detection paradigms and systems for improved, emerging and novel threats; (3) target recognition; (4) combat effectiveness / force protection; (5) CBRN surveillance, security and survivability; (6) manufacturing processes for CBRN defense systems; (7) container security/intrusion detection devices; (8) CBRN damage assessment; (9) individual and collective protection/protective gear; (10) technologies and methods for toxic material decontamination and neutralization ; (11) securing and transporting CBRN agents; (12) CBRN clean-up; (13) development of non-lethal/less-hazardous CBRN materials; and (14) environmental and human CBRN effects and treatment.

CBRN Laboratory, Surety and Other Facility Access Capabilities

This pool covers tasks that may require the contractor, during the performance of Technical Area Tasks (TATs) aka Task Orders, to collect and analyze data in a laboratory or under field conditions. The typical purposes of such tasks include:

- To verify and validate the technical accuracy and reliability of existing data.
- To generate and evaluate data collection and analysis techniques reported in the literature.
- To develop alternative approaches to the collection and/or analysis of the same or similar forms of information related to chemical warfare/chemical and biological defense; and
- To identify and/or fill voids in existing or knowledge bases.

The Government requires the contractor to have access to all of the “mandatory” facilities that meet the requirements below. Additional facilities that are not mandatory for award of this Pool but which may be required on a Task Order by Task Order basis are listed as “additional/non-mandatory”. Classified work may be required at any of these facilities up to the Top Secret level therefore prime awardees for this Pool must demonstrate they hold an active Top Secret facility clearance and may require an active Top Secret (TS) facility clearance in order to be awarded Task Orders that require TS clearance.

“Access” to these facilities is defined as follows:

- Ownership or control over these facilities
- Subcontract for use of these facilities with or without additional personnel
- Cooperative Research and Development Agreement or other similar agreement with a U.S. Government activity to provide such capabilities;
- Other acceptable Memorandum of Agreement/Memorandum of Understanding or Letter of Intent with a U.S. Government activity with certified surety facilities; or

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- Other similar arrangements with non-Government entities with, including but not limited to, partnership and joint ventures with these facilities.

Mandatory Facilities - To perform this pool, the contractor must demonstrate proof of access to all of the “mandatory” facilities below. The contractor shall demonstrate proof of access to the facilities below at time of proposal submission, at contract award and also maintain proof of access throughout the contract period of performance:

- A laboratory which meets the requirements in the Guidebook of Performance Standards for Operations of an RDTE Chemical Agent Laboratory. The contractor (or its team member/subcontractor) must be able to receive, store and utilize chemical warfare agents (surety materials) under clauses of AR50-6. The facility shall have a bailment agreement in place with the U.S. Army.
- A facility and processes for receipt, storage and utilization of biological agents (surety materials) that meet the biosurety requirements of AR 50-1, Biological Surety.

Biosafety Level 3 facilities to support research involving hazardous biological agents. This facility must meet BSL-3 requirements stated at www.selectagents.gov (or any successor official federal government website, regulation(s) or directive(s) that establishes BSL-3 requirements), and be registered with the Centers for Disease Control (CDC) to accept and ship specified hazardous biological agents in accordance with 42CFR, Part 72. The contractor must have access to a BSL3, certified to allow work with infectious agents such as Avian Influenza.

Additional Non-Mandatory Facilities - Additional facility requirements listed below may apply to individual Task Orders. To be eligible for award under this Pool, the contractor is not required to demonstrate proof of access to the facilities below at time of proposal submission or contract award. However, evidence of access to the facilities may be required as a condition of award of one or more individual Task Orders:

- Animal and life science facilities which are in compliance with U.S. Department of Agriculture regulations for animal husbandry and use, which are Association for Assessment and Accreditation of Laboratory Animal Care (MC) International certified, and operate under Good Laboratory Practices (GLP) [specifically 21 CFR Part 58 (21 CFR 11 Electronic Records) Federal Food, Drug, and Cosmetic Act– FDA GLPs; 40 CFR Part 160 EPA Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) – EPA GLPs; and 40 CFR Part 792 EPA Toxic Substances Control Act (TSCA) – EPA GLPs. Additionally, the facilities shall meet both Biosurety and Biosafety Level 3 (BSL3) requirements. The animal and life sciences facilities animal care staff shall be American Association for Laboratory Animal Science (AALAS) certified. Animal and life sciences facilities shall have the capability to support surety operations.
- Facilities operating under Good Manufacturing Practices (GMP) required to ensure regulatory acceptability of pilot lots of drugs, vaccines, and biologicals.
- Facilities and permits in place to work with non-traditional agents (NTAs).
- Facilities and permits in place to work with radioactive materials.

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- Facilities and permits in place to receive, store, work with, and test explosives.
- Rapid prototyping facilities.
- Facilities and permits in place to conduct Man-In-Simulant Tests (MIST).
- All facilities shall hold active quality program certification (such as ISO 9000 or ISO 17025).

C. BACKGROUND INFORMATION AND IMPORTANT LINKS FOR IAC MAC

The Department of Defense (DoD) Information Analysis Center (IAC) Program operates in accordance with DoD Manual 3200.14, "Principles and Operational Parameters of the DoD Scientific and Technical Information Program (STIP): General Processes", March 2014. DoD IACs function as specialized subject focal points, supplementing the Defense Technical Information Center (DTIC) services within DoD Instruction 3200.12, "DoD Scientific and Technical Information Program (STIP)", August 2013.

The DoD IACs Program Management Office (PMO) is responsible for administrative and operational management of all DoD IACs.

In order to facilitate use of scientific and technical information (STI), the DoD IACs undertakes a variety of activities focusing on the development, identification, access, analysis, processing, and dissemination of STI. IAC Program operations encompass two primary categories: Basic Center Operations (BCO) and Technical Area Tasks (TATs), the latter being the subject of this market research effort.

IAC Basic Centers of Operations (BCOs) provide information collection, processing/management, analysis and dissemination of STI. An IAC BCO serves as the center for its technical community, and as such must maintain connection with all of the key stakeholders within that community, in order to understand on-going activities, current information gaps, future strategies and information needs. Typical activities include maintaining an active presence in the technical community, promoting customer awareness of current and emerging trends within the technical focus areas, establishing and maintaining a network of Subject Matter Expert (SME) across government, industry and academia, responding to technical inquiries, maintaining and growing the collection of STI (based on relevant research), maintaining a web presence, and preparing and publishing a newsletter.

1.) Task Orders or TATs are the focus of this market research effort, draw from and build on the knowledge base of BCOs and, in turn, add to that knowledge base through the development and delivery of STI resulting from R&D. TATs encompass emerging government requirements and necessitate a rapid and authoritative response, integrating the expertise of a diverse cadre of professionals positioned across various organizations, including representatives from government, industry and academia. TATs provide advanced level of research and analysis to the DoD Research, Development, Test, and Evaluation (RDT&E) and Acquisition communities. TATs can be multi-million dollar efforts, may involve multi-year performance, may involve work for other than DoD customers,

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may be performed at multiple locations (to include performance outside the Continental United States), require Top Secret facility clearance, may require personnel clearances up to Top Secret (compartmented and collateral). TATs are not government-staff augmentation support services. The level of research and analysis are above and beyond that required by the BCOs and support the following activities:

- Basic and applied RDT&E activities carried out by DoD components, other U.S. Government agencies and departments and their contractors, state and local governments, as well as international organizations in which the U.S. Government is a member or participant;
- Military or similarly related operations conducted by DoD components and other U.S. Government agencies and departments or international organizations to which the United States belongs or foreign governments with which the United States has international agreements for military or related operations;
- Development of doctrine, tactics or plans by DoD components, other Government Agencies and Departments, and foreign military organizations that the Department of Defense provides military assistance and sales;
- Basic and applied research carried out by industry, academia, and other institutions where the results of such research are expected to provide benefits to the U.S. Government in the future.

2.) Additional information about the IAC Program can be found at the following website links:

DoD IACs: <http://iac.dtic.mil/>

DoD IACs – IAC Mission: http://iac.dtic.mil/iac_mission_goals.html

IAC Multiple Award
Technical Area Task
Contracts: <http://iac.dtic.mil/macs.html>

DoD IACs – PMO: http://iac.dtic.mil/iac_pmo.html

ASD(R&E): <http://www.acq.osd.mil/chieftechnologist/>

DTIC: <http://www.dtic.mil/dtic/>

DoD Instruction 3200.12: <http://www.dtic.mil/whs/directives/corres/pdf/320012p.pdf>

DoD Manual 3200.14: http://www.dtic.mil/whs/directives/corres/pdf/320014vol1_2014.pdf

DCAA Pamphlet 7641.90: http://www.dcaa.mil/DCAAM_7641.90.pdf

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1 ATTACHMENT:

IAC MAC RFI QUESTIONS

**DOD INFORMATION ANALYSIS CENTERS (IAC) MULTIPLE AWARD CONTRACT (MAC)
INDEFINITE DELIVERY/INDEFINITE QUANTITY
SOURCES SOUGHT/REQUEST FOR INFORMATION QUESTIONNAIRE**

Instructions

1. Please read the IAC MAC RFI Background Information Document we have provided to help you better understand the requirements for this acquisition. This RFI Questionnaire consists of two parts. Part I provides a basic overview of your company (“company” as used herein means your corporation/organization as applicable) and asks some questions that will help with our Acquisition Strategy.
2. Complete Part 1 – “Company/Organization Overview”.
3. After completing Part 1, complete Part 2, which is a generic “Scope Focus Area Capability and Capacity Template” that should be completed in accordance with the template instructions for Questions 21-23. This template is intended to cover the three scope areas that make up the predominant number of TATs under Pools 1 and 2 (Survivability, RMQSI and Modeling & Simulation) and the one scope area (CBRN Defense) that applies to Pool 3. Make copies of Part 2 as is needed for the Pool you are demonstrating capability and capacity in. For each Part 2 included in your response, edit the document “header” to fill in the name of your company/organization and the applicable scope focus area that Part 2 information pertains to.
4. **Include the completed Part 1 along with your Part 2 responses, combined into ONE MS Word file.**

List of 21 Scope Focus areas for

Pool 1 Full and Open and Pool 2 SB Set-aside:

(Refer to RFI Background Information for detailed description of each pool and focus area)

Scope Area DS-1 Survivability and Vulnerability	Scope Area HD-2 Critical Infrastructure Protection (CIP)
Scope Area DS-2 Reliability, Maintainability, Quality, Supportability, and Interoperability (RMQSI)	Scope Area HD-3 Weapons of Mass Destruction (WMD)
Scope Area DS-3 Military Sensing	Scope Area HD-4 Biometrics
Scope Area DS-4 Advanced Materials	Scope Area HD-5 Medical
Scope Area DS-5 Energetics	Scope Area HD-6 Cultural Studies
Scope Area DS-6 Non-Lethal Weapons and Information Operations	Scope Area HD-7 Alternative Energy
Scope Area DS-7 Directed Energy Weapons	
Scope Area DS-8 Autonomous Weapon Systems	Scope Area CS-1 Software Data and Analysis
Scope Area DS-9 Weapons Systems	Scope Area CS-2 Cyber security (formerly called Information Assurance (IA))
Scope Area DS-10 – C4ISR	Scope Area CS-3 Modeling and Simulation
Scope Area HD-1 Homeland Defense & Security	Scope Area CS-4 Knowledge Management and Information Sharing

IAC MAC Request for Information Questionnaire Instructions.

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**DOD INFORMATION ANALYSIS CENTERS (IAC) MULTIPLE AWARD CONTRACT (MAC)
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Pool 3 CBRN Defense - List of 1 Scope Focus area

(Refer to RFI Background Information for detailed description of each pool and focus area)

Scope Area CB-1 CBRN Defense

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PART ONE – COMPANY/ORGANIZATION OVERVIEW

In each question below please provide a detailed summary for your answers, when requested, and adhere to page length limitations. Please don't submit your responses in PDF format or with graphics.

Note: Follow these steps to "check" the Check Boxes contained within: Double Left Click on Check Box, Select Properties, Select "Checked" under Default Value, Select OK.

<p>1. Company Name , website URL and Address→:</p> <p>Are you an affiliate (see FAR 19.101) of another company? If so, please provide the name and address of your affiliate and state nature of affiliation.</p>	
<p>2. Point of Contact (POC) Name, Address, Email Address, Phone Number, and Fax Number→:</p>	<p>POC Name→:</p>
	<p>POC Address (if different from Company Address) →:</p>
	<p>POC Email Address→:</p>
	<p>POC Phone Number→:</p>
<p>3. Company DUNS Number→:</p>	
<p>4. Company CAGE Code→:</p>	
<p>5. Company Facility Clearance (Minimum of TOP SECRET will be required).</p> <p>If your company is pursuing a Top Secret Facility Clearance, state the date the clearance capability was initiated and when you expect to obtain it?:↓</p>	<p>Clearance Currently Held →:</p>
	<p>Cognizant Defense Security Service (DSS)/Defense Industrial Security Clearance Office (DISCO) and Address→:</p>
	<p>Cognizant DSS/DISCO POC Name→:</p>
	<p>Cognizant DSS/DISCO POC Email Address→:</p>

Part One – Company Organization Overview

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	Cognizant DSS/DISCO POC Phone Number→:	
<p>6. Defense Contract Audit Agency (DCAA) audited your accounting system and determined it adequate for accumulating and billing costs to cost-reimbursement Government contracts→:</p>	<input type="checkbox"/> YES; if Yes, identify: Date of audit and cognizant DCAA office below:	<input type="checkbox"/> No
	Date of DCAA Accounting System Audit (DD-MM-YYYY) →:	
	Cognizant DCAA Office, Address, Auditor Name, Auditor Phone Number and Email Address→:	
	Company Tax Identification Number→:	
<p>7. Check the boxes to the right that apply to your company. Company Size/Socioeconomic Status (contemplated NAICS is 541712, size standard 1000 employees). →</p> <p>Must show how many employees your company presently has? _____</p>	<input type="checkbox"/> Small Business; NAICS 541712, Research and Development in the Physical, Engineering, and Life Sciences (except Biotechnology), Size Standard 1000 employees. Also check all that apply below:	
	<input type="checkbox"/> Veteran-Owned Small Business	
	<input type="checkbox"/> Service-Disabled Veteran-Owned Small Business	
	<input type="checkbox"/> HUBZone Small Business	
	<input type="checkbox"/> Small Disadvantaged Business	
	<input type="checkbox"/> Women-Owned Small Business	
	<input type="checkbox"/> 8(a) Concern	
	<input type="checkbox"/> Indian Organization or Indian-Owned Economic Enterprise	
	<input type="checkbox"/> Historically Black Colleges and Universities and Minority Institutions	
	<input type="checkbox"/> Large Business	
	<input type="checkbox"/> Institute of Higher Learning	
	<input type="checkbox"/> Non-Profit/Not-for-Profit Organization	
<p>8. Your primary interest in the IAC MAC contract vehicle is as a Prime or Subcontractor? How many MAC contracts is your company currently a Prime contractor on? If none put 0.</p>	<p>Prime Contractor: <input type="checkbox"/> Yes <input type="checkbox"/> No Subcontractor: <input type="checkbox"/> Yes <input type="checkbox"/> No PRIME MAC Contractor on: <i>Provide # here</i></p>	

Part One – Company Organization Overview

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<p>9. Are you presently a Prime Contractor or Subcontractor under one or more of the IAC contracts listed below? If so, identify at right what IAC Contract it was on and what Task Order # it is if applicable:</p> <ul style="list-style-type: none"> • Cyber Security and Information Systems BCO (CSIAC) • Defense Systems BCO (DSIAC) • Homeland Defense and Security BCO (HDIAC) • SNIM • Cyber Security and Information Systems MAC TAT (CS TAT) • Defense Systems MAC TAT (DS TAT) • Homeland Defense and Security MAC TAT (HD TAT) 	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <hr/> <hr/> <hr/> <hr/> <hr/>
<p>10. If you are demonstrating capability and capacity for Pool 3 – CBRN Defense do you currently have access to the lab facilities described in the Background Information document under Pool 3? It is permissible to factor in access gained through subcontractors/teammates/affiliates you currently work with, in this response.</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>11. What is a 'reasonably achievable subcontracting percentage that is based on 'total obligated dollars' – not total subcontracting dollars to apply to Large Business primes only? Please keep in mind the nature of the requirement (R&D and other scientific/technical advisory services) and that it is based on % of total obligated dollars contemplated under NAICS code 541712 with a size standard of 1000 employees. The Government would intend to apply a minimum SB subcontracting percentage requirement on large prime contractors only via use of a special contract requirement (Section H clause).</p> <p><i>Provide a Rationale for the recommended Percentage (or range) you checked to the right. Response to this Question should be limited to 1 paragraph. ↓</i></p>	<p> <input type="checkbox"/> 0 – 3% <input type="checkbox"/> 4 - 8% <input type="checkbox"/> 9 - 12% <input type="checkbox"/> 13 - 16% <input type="checkbox"/> 17 – 20% <input type="checkbox"/> 21 – 24% </p>
<p>12. Check the block to indicate your company certification(s) for Capability Maturity Model Integration (CMMI) Level I, II or III and/or ISO 9001:2008 certification. <i>Provide a rational for any other recommended Certifications that you believe are necessary to perform the scope of our requirements and if your company has the Certification you recommended. Response to Question should be limited to 1 paragraph. ↓</i></p>	<p> <input type="checkbox"/> CMMI Level I <input type="checkbox"/> CMMI Level II <input type="checkbox"/> CMMI Level III <input type="checkbox"/> ISO 9001:2008 <input type="checkbox"/> Don't have these Certs </p>

Part One – Company Organization Overview

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<p>13. What would you recommend as the maximum ceiling price for each Task Order that could be used to make a determination for establishing an automatic small business set aside dollar threshold on this vehicle?</p>	<input type="checkbox"/> \$0 – \$3.5M <input type="checkbox"/> \$3.6M - \$5M <input type="checkbox"/> \$5.1M - \$7.5M <input type="checkbox"/> \$7.6M – \$10M
<p>14. Provide a company profile that succinctly describes your company, its history, headquarters and other office locations (excluding offices physically located on a government installation), average number of employees (broken out by 1) billable and 2) unbillable/overhead) and revenues for your most recent accounting year, the primary sector in which you operate and your primary customers, your primary lines of business, and other amplifying information that you believe demonstrates your ability to perform this IAC MAC contract and provides the government a good snapshot of your company. Provide the number (or approximate percentage of total employees) of persons currently on staff holding scientific/engineering/technical/math degrees at the BS, MS and PhD levels. If your company has one or more affiliates, describe them, their primary lines of business and number of employees in each. If your company has participated in any types of federal contract teaming arrangements, list the type(s) you were a party to (example, mentor-protégé, joint venture, etc.). In addition, please include a list of your three largest contracts performed under this NAICS code (541712), including dollar value, whether you performed as prime or sub, number of your own FTEs (i.e., your company’s employees) utilized, and period of performance. Response to Question 13 should be limited to 1 page. ↓</p>	
<p>15. IAC MAC scope focus area capability and capacity. Check the block below for every scope focus area for which your company has performed (or is performing) five or more contracts or subcontracts over the past three years, AND/OR any number of contracts/subcontracts performed in the scope focus area where, for all contracts combined, you generally provided/delivered the services of at least ten FTE in any given year and you will be able to supply Past Performance on:</p>	
Scope Area DS-1 Survivability and Vulnerability	Scope Area HD-2 Critical Infrastructure Protection (CIP)
Scope Area DS-2 Reliability, Maintainability, Quality, Supportability, and Interoperability (RMQSI)	Scope Area HD-3 Weapons of Mass Destruction (WMD)
Scope Area DS-3 Military Sensing	Scope Area HD-4 Biometrics
Scope Area DS-4 Advanced Materials	Scope Area HD-5 Medical
Scope Area DS-5 Energetics	Scope Area HD-6 Cultural Studies
Scope Area DS-6 Non-Lethal Weapons and Information Operations	Scope Area HD-7 Alternative Energy
Scope Area DS-7 Directed Energy Weapons	Scope Area CS-1 Software Data and Analysis
Scope Area DS-8 Autonomous Weapon Systems	Scope Area CS-2 Cyber security (formerly called Information Assurance (IA))
Scope Area DS-9 Weapons Systems	Scope Area CS-3 Modeling and Simulation
Scope Area DS-10 C4ISR	Scope Area CS-4 Knowledge Management and Information Sharing
Scope Area HD-1 Homeland Defense & Security	N/A meaning you company could not check any of the boxes based on the Question.

Part One – Company Organization Overview

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16. The Government is seeking to maximize opportunities for small businesses to compete successfully on this acquisition as prime offerors.

If you are a small business under this contemplated IAC MAC NAICS code/SB Size Standard (541712/1000 employees), and if either Pool 1 or Pool 3 was established as a small business set-aside, would you plan to create a "small business team" (i.e., a teaming arrangement, partnership or joint venture that still qualified as small within the small business size standard for the combined business entities) in order to maximize your ability to compete for the procurement? If so, please describe your projected teaming arrangement and describe any known actual or potential OCIs that could arise for your team. When describing the team, provide details similar to those addressed under Question 23. If not, please elaborate as to the reason(s) why you are not teaming.

Response to Question 16 should be limited to 1/2 page. ↓

17. The Government is contemplating establishing Pool 2 as a small business set aside, meaning task orders (TATs) under a certain dollar threshold (applicable to the IAC MAC/task order's ceiling or fixed price, base plus option years combined), would be exclusively set aside for only the Pool 2 contractors to compete on (all Pool 2 contractors would be small under NAICS 541712/Size Standard 1000 employees). FAR 52.219-14 Limitation on Subcontracting would apply to these orders, meaning the small business prime contractor would be required to perform at least 50% of the cost of personnel of the order with its own employees. Understanding that IAC MAC Task Orders may have periods of performance of up to five years and any small business winning an award in Pool 2 would be expected to successfully win and perform multiple Task Orders concurrently, what would you recommend as an appropriate dollar threshold to establish for the Pool 2 automatic small business set-asides?

Response to Question 17 should be limited to a ½ page. ↓

18. Are there any specific acquisition strategy approaches, incentives or techniques you would recommend the Government use to maximize small business participation on this contract vehicle (either at the prime or subcontractor level and either at the contract or task order level) for this scope focus area?

Recommendations might relate to the structuring of the acquisition in terms of the PWS, line items, or terms and conditions, choice of NAICS code/SB Size Standard, use of partial or total set-asides for one or more of the focus areas, incentivizing small business subcontracting by large business primes, etc.

Response to Question 18 should be limited to 1/2 page. ↓

Part One – Company Organization Overview

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19. FINANCIAL VIABILITY means the respondent has the necessary financial ability to perform this acquisition. Demonstrate your financial viability to perform this contract, for example, demonstrate credit worthiness by providing your Dun & Bradstreet rating, additional information on prior years' annual revenue/sales figures, descriptions of available lines of credit, etc.

Response to this Question should be limited to 1 paragraph. ↓

20. Do the contemplated strategies present barriers to large or small business participation and/or competition – either at the prime or subcontractor level? If so, what are some alternatives that would remove these? ***Response to this Question should be limited to 2 paragraphs. ↓***

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DOD IACS IAC MAC
SOURCES SOUGHT/REQUEST FOR INFORMATION QUESTIONNAIRE

COMPANY NAME: _____
SCOPE FOCUS AREA: _____

PART TWO – SCOPE FOCUS AREA CAPABILITY & CAPACITY TEMPLATE

Instructions

1. If you are demonstrating capability/capacity to perform in either Pool 1 or Pool 2, questions 21, 22 and, (if applicable) 23 must be completed for *each* of the three mandatory scope focus areas: 1) Survivability, 2) Reliability, Maintainability, Quality, Supportability and Interoperability (RMQSI) and 3) Modeling and Simulation. Copy and complete the template for Questions 21-23 for each of the three areas. Please don't submit your responses in PDF format or with graphics.

2. If you are demonstrating capability/capacity to perform in Pool 3, CBRN Defense, questions 21, 22, and, (if applicable) 23 must be completed for the scope area of CBRN Defense. Copy and complete the template for Questions 21-23 for this scope area.

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Part Two – Scope Focus Area Capability and Capacity Template.

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**DOD IACS IAC MAC
SOURCES SOUGHT/REQUEST FOR INFORMATION QUESTIONNAIRE**

COMPANY NAME: _____
SCOPE FOCUS AREA: _____

Questions 21-23 – Scope Area: (fill in) _____	
21. CAPABILITY: Describe your existing or recent (within the past three years) capabilities in performing R&D (as defined by FAR 35.001) or other scientific/technical advisory services for this scope focus area. When describing your capabilities, be sure to clearly demonstrate the depth and breadth of R&D and scientific/technical advisory services within each focus area.	
<i>Response to Question 21 should be limited to 1/2 page. ↓</i>	
22. CAPACITY: For this scope focus area, provide information on your existing or recent (within the past three years) capacity and experience below.	
22.1.1 How many total active contracts do you have at this time for this specific scope focus area?	
A. How many of the active contracts in this area are you the Prime contractor?	
B. How many of the active Prime contracts do you have subs on? What is the average % of work that is subcontracted?	
C. How many of the active contracts do you perform as a subcontractor?	
D. How many of the active contracts are performed outside of the CONUS.	
E. How many of the total active contracts are Cost Reimbursement type contracts?	
22.1.2 Provide annual value of up to six of your contracts/subcontracts/orders performed in the last three fiscal years (Fiscal Years 2013, 2014 & 2015) for this scope focus area	
A. Contract , name of contract & annual value	\$
B. Contract for XX, name of contract & annual value	\$
C. Contract for XX, name of contract & annual value	\$
D. Contract for XX, name of contract & annual value	\$
E. Contract for XX, name of contract & annual value	\$
F. Contract for XX, name of contract & annual value	\$
22.1.3. Provide the average number of full time equivalent (FTE) people employed by your firm that charged to the contracts you listed above for this area. Please list FTE in same sequence as contracts listed above. An FTE is one OR MORE individuals, who combined, perform approximately 40 hours per week on a contract. For example, two people who each charge about 20 hours per week to a contract = ONE FTE. A full time person for one FTE = 1880-1920 hours/year.	
A. Contract average FTE	
B. Contract average FTE	

Part Two – Scope Focus Area Capability and Capacity Template.

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**DOD IACS IAC MAC
SOURCES SOUGHT/REQUEST FOR INFORMATION QUESTIONNAIRE**

COMPANY NAME: _____

SCOPE FOCUS AREA: _____

	C. Contract average FTE	
	D. Contract average FTE	
	E. Contract average FTE	
	F. Contract average FTE	



23. **Ability to Acquire Capability & Capacity.** Respond to this question if you plan to acquire additional capability and/or capacity (for example, through hiring, through acquisition/merger, through teaming, etc.) in order to perform IAC MAC in this scope focus area, and you would like us to consider your ability to obtain the necessary capability and capacity. Provide a **detailed** description of how you would obtain the necessary resources, given the typical IAC MAC time constraints and your planned timeline for acquiring this ability. Any intention of teaming with other companies should identify the teammate(s) by name, if disclosable, and the stage you are at in forming the team (for example, “initial exploratory discussions”, “actively negotiating the agreement”, “have agreement in place”, etc.). If, for confidentiality reasons, you do not wish to disclose the name of potential teammate(s), a brief description of them should be provided instead (for example, “mid-sized aerospace engineering firm in the DC area with extensive DoD experience”). If you are planning to hire more employees, describe the type of positions, quantity, timeframe, stage of hiring that you’re in, etc.

Response to Question 23 should be limited to 1/2 page. ↓

Part Two – Scope Focus Area Capability and Capacity Template.

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