

Broad Agency Announcement: FA2391-23-S-2403
Pioneering Aerospace Capabilities, Engineering and Research (PACER)

CALL Name: Medium-Scale Integrated Propulsion, Power, and Thermal (MSIPPT)

10 December 2024

OVERVIEW INFORMATION

Broad Agency Announcement Type: This is a Two-Step Call against the PACER BAA FA2391-23-S-2403. The First Step is a Call for White Papers only. Offerors should monitor SAM.gov for any additional notices or modifications to this Call announcement.

NAICS Code: The NAICS Code for this acquisition is 541715 (Research and Technology in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology) (with Aircraft, Aircraft Engine, and Engine Parts exception), and the small business size standard is 1,500 employees.

Federal Agency Name: Air Force Research Laboratory, Aerospace Systems Directorate, AFRL/RQ

Moratorium on White Papers: Beginning from the date of publication of this Call and continuing until six months after the due date for Proposals, no White Papers submitted during the PACER BAA Open Period covering the topic specified in this Call, "RQQ Topic 10 – MSIPPT" will be reviewed.

DUE DATE AND TIME:

First Step: WHITE PAPER DUE DATE AND TIME: 24 January 2025, 3:00 P.M. local time, Wright-Patterson AFB, OH. Only White Papers are due at this time.

NOTE: White Paper receipt after the due date and time shall be governed by the provisions of FAR 52.215-1(c)(3). Early proposal submission is encouraged.

Second Step: PROPOSAL DUE DATE AND TIME: To be provided in the Request for Proposal (RFP) sent to offerors that submit White Papers considered to meet the needs of the Air Force. Only White Papers are due at this time.

Submission: A public-facing SOO is attached to this Call. If the offeror's capabilities are sufficient, please request a detailed SOO. After a vetting process, the SOO will be sent to the requestor. White Papers must be submitted to the Primary Contracting Point of Contacts (POCs): Rebecca Houghton, Contracting Officer, AFRL/RQKPD, rebecca.houghton@us.af.mil. ***Electronic submission via DoD SAFE is required.*** At least four days prior to the deadline, please request a DoD SAFE Link and submit White Papers to rebecca.houghton@us.af.mil.

Type of Contract/Instrument: The Air Force reserves the right to award the instrument best suited to the nature of research proposed. Accordingly, the Government may award any

appropriate contract type under the FAR. **It is anticipated that awards under this Call will be “C” type contracts with Cost Plus Fixed Fee (CPFF) and/or Cost Share (at the discretion of the offeror) CLINs anticipated.** Cost reimbursement contracts require successful offerors to have an accounting system considered adequate for tracking costs applicable to the contract.

Anticipated Number of Awards: The Air Force anticipates one or more awards for this Call. However, the Air Force reserves the right to award zero, one, or more contracts for all, some or none of the solicited efforts based on the offeror’s ability to perform desired work and funding fluctuations.

Brief Program Summary:

The Program seeks to develop power, cooling, and electrical systems to support future generations of Autonomous Collaborative Platforms (ACPs).

Please see attached SOO. If the offeror deems they are capable and interested in pursuing these Objectives, please request the detailed SOO from rebecca.houghton@us.af.mil.

Communication Between Prospective Offerors and Government Representatives: All communication prior to and after the White Paper deadline shall be directed to the Contracting POC listed below.

Contracting POC:

Rebecca Houghton
Contracting Officer
AFRL/RQKPD

E-mail address: rebecca.houghton@us.af.mil

FULL TEXT ANNOUNCEMENT

- I. **Program Description:** Air Force Research Laboratory, AFRL/RQQ, Power and Controls Technology Development and Demonstration Division, is soliciting White Papers on the following research effort: *Medium-Scale Integrated Propulsion, Power, and Thermal (MSIPPT)*

1. Statement of Objectives:

See Attachment 2 for the Public Statement of Objectives (SOO). This effort falls within the PACER BAA (FA2391-23-S-2403), Technical Objective Area RQQ Topic 10 – MSIPPT.

Topic 10 – Medium Scale Integrated Propulsion, Power, and Thermal (MSIPPT): Focus on analysis, development, maturation (targeting Technology Readiness Levels [TRL] of 5 or 6), integration, control, and demonstration of technologies to enable high-power mission systems on future Autonomous Collaborative Platforms (ACP). Technologies at the component-, subsystem, and system-level will be considered, as will integration with propulsion systems and ACP vehicles. Specific technology thrusts include (but may not be limited to): electromechanical actuation for ACP-relevant flight controls and utility actuation, thermal management systems incorporating thermal lift to reduce operational limitations, engine-agnostic power generation, integration of electrical power generation with low-spool propulsion system power extraction, electric machine/power generation systems.

- 2. Within Scope Modification:** Potential offerors are advised that due to the inherent uncertainty of research and development efforts, awards resulting from this announcement may be modified during performance to make within scope changes, to include but not limited to, modifications which increase overall contract ceiling amount and modifications under authority of DFARS 235.006-71.

3. Deliverable Items:

- a. Data Items:

Contract Data Requirements List (CDRL):

Data Item	Title	Frequency
A001	Scientific and Technical Reports	One/R
A002	Funds and Man-hour Expenditure Report	Monthly
A003	Scientific and Technical Reports – Spend Plan	Monthly
A004	Contract Funds Status Report	Quarterly
A005	Contract Work Breakdown Structure	As Required
A006	Status Report	Monthly
A007	Presentation Material	As Required
A008	Technical Report – Study/Services	As Required
A009	System Engineering Management Plan (SEMP)	As Required
A010	Model Based Systems Engineering (MBSE) Plan	As Required
A011	System Architecture Model (SAM)	As Required
A012	Software Development Plan (SDP)	As Required
A013	Computer Software Product – Source Code	As Required
A014	Software User Manual (SUM)	As Required
A015	System/Subsystem Description	As Required
A016	Technical Data Package	As Required
A017	Test Plan	As Required
A018	Test Plan – Flight and Taxi Test Plan	As Required

A019	Failure Mode, Effects, and Criticality Analysis Report	As Required
A020	Scientific and Technical Reports – Preliminary Hazard List	One/R
A021	System Safety Hazard Analysis Report (SSHA)	As Required
A022	Operations Security (OPSEC) Plan	One/R
A023	Operations Security (OPSEC) Plan	One / R
A024	Program Protection Implement Plan	As Req
A025	Software Design Description	As Req
A026	System / Subsystem Specification	As Req
A027	S&T Reports – Preliminary Hazard List	As Req
A028	Data Accession List	Quarterly
A029	S&T Reports – R&R Annual Update	Annually
A030	S&T Reports – Security Plan	ONE-R
A031	S&T Reports – Data Management Strategy	As Req

See Attachment 1 for the Contract Data Requirements List.

- b. **Hardware:** It is anticipated that prototype hardware will be developed, fabricated, and tested under some or all of the efforts that would be awarded under this call.
- c. **Software:** It is anticipated that software and models will be developed, fabricated, and tested under some or all of the efforts that would be awarded under this call.

4. Schedule:

- Overall MSIPPT PoP:
 - Overall PoP: 39 months
 - Technical Period of Performance: 36 months
 - Reporting: 3 months

5. Other Requirements:

- a. Program Security Classification: The actual Classification level of each contract will need to be evaluated on a contract by contract basis.
- b. OPSEC: Operations Security (OPSEC) requirements, per the PACER BAA, FA2391-23-S-2403, I. (page 9), will be incorporated into the Statements of Work.
- c. Export Control: Information involved in this research effort is subject to Export Control (International Traffic in Arms Regulation (ITAR) 22 CFR 120-131, or Export Administration Regulations (EAR) 15 CFR 710-774). A Certified DD Form 2345, Military Critical Technical Data Agreement, is required to be submitted with the First Step – White Paper.
- d. Export-Controlled Items: As prescribed by DFARS 225.7901-4, DFARS 252.225-7048, “Export-Controlled Items (JUN 2013)” shall be contained in ALL resulting contracts.
- e. Contractor Performance Assessment Reporting System (CPARS): Not Applicable.

- f. Science and Technology (S&T) Protection: Please refer to Attachment 4: Security Risk Review – AFRLI 61-113. However, the Government may require the offeror to submit additional information and/or mitigation plan for any identified S&T protection risks. If the Government determines the offeror failed to provide adequate additional information; or an acceptable mitigation plan; or it is determined the offeror's S&T protection approach is high risk and does not provide adequate protection of S&T information, the Government may reject the proposal and withdraw it from consideration for award.

6. Other Information:

- a. Government Furnished Property (GFP), Government Furnished Information (GFI) and/or Software, or Contractor Acquired Property: If required, must be identified in the White Paper and may be discussed further.
- b. Base Support/Network Access: Not Applicable. If required, must be identified in the White Paper.
- c. Data Rights:
 - 1) Technical Data: Unlimited
 - 2) Non-Commercial Software (NCS): Unlimited
 - 3) NCS Documentation: Unlimited
 - 4) Commercial Computer Software Rights: Customary License

Unlimited rights are desired. Other than unlimited rights, must be identified in the White Paper in accordance with PACER BAA and as required by DFARS 252.227-7017, Identification and Assertion of Restrictions on the Government's Use, Release, or Disclosure of Technical Data or Computer Software. See PACER BAA I.6.c.

II. Award Information

1. Anticipated Award Date: Anticipated contract award date is approximately July-August 2025.
2. Anticipated Funding: A contract type with Cost Plus Fixed Fee and/or other cost types contracts are anticipated. Funds are not presently available for this effort. No award will be made under this solicitation until funds are available. The Government reserves the right to cancel this solicitation, either before or after the closing date. In the event the Government cancels this solicitation, the Government has no obligation to reimburse an offeror for any costs.

III. Eligibility Information: See PACER BAA FA2391-23-S-2403

IV. White Paper/Proposal Submission Information

Overview: This Call is a Two-Step Call. For a Two-Step Call, White Papers will be solicited, and subsequent RFPs may follow after White Paper Reviews.

1. FIRST STEP - White Paper Instructions

- a. General: The FIRST STEP requests a White Paper and a rough order of magnitude (ROM) cost. The White Paper shall include a discussion of the nature and scope of the research and the offeror's proposed technical approach. The Government will review the White Papers in accordance with the FIRST STEP White Paper Review Criteria, set forth in Section IV.3.a. below. Based on this review, the Government will determine whether the White Paper has the potential to best meet the Air Force's needs. Those offerors submitting White Papers assessed as meeting Air Force needs will be asked to submit a Technical and Business/Cost proposal. An offeror submitting a Proposal without first submitting a White Paper **will not** be eligible for an award. The cost of preparing White Papers in response to this Solicitation is not considered an allowable direct charge to any resulting or any other contract; however, it may be an allowable expense to the normal bid and proposal indirect cost as specified in FAR 31.205-18.

Electronic submission is required. White Papers can be submitted by requesting at least 4 days in advance a DoD SAFE Link to submit to rebecca.houghton@us.af.mil.

- b. Page Limitation: The White Paper shall be limited to **5 pages**. White Papers shall be prepared and submitted in Word format. Font shall be standard 10-point business font Arial. Character spacing must be "normal," not condensed in any manner. Pages shall be double-spaced (must use standard double-space function in Microsoft Word), 8.5 by 11 inches, with at least one-inch margins on both sides, top and bottom. All text, including text in tables and charts, must adhere to all font size and line spacing requirements listed herein. Font and line spacing requirements **do not** have to be followed for illustrations, flowcharts, drawings, diagrams, cover page, table of contents, and restrictive/proprietary markings (in header or footer). These exceptions shall not be used to circumvent formatting requirements and page count limitations by including lengthy narratives in such items. Pages shall be numbered. The page limitation covers all information including indices, photographs, foldouts (counted as 1 page for each 8.5 by 11 portion) tables, charts, appendices, attachments, resumes, etc. The Government will not consider pages in excess of these limitations.
- c. Format: The white paper will be formatted as follows:
- 1) Section A: BAA Number, Title of Program, Topic Number, Name of Company, Business Size, Company's Commercial and Government Entity (CAGE) number, Dun & Bradstreet (D&B) Data Universal Numbering System (DUNS) number, Unique Entity Identifier (UEI) number, Contracting POC and Technical POCs with appropriate telephone numbers, and email addresses for the POCs. For submissions that will result in classified work, add the following information: Classified level at which company is cleared, contractor address for forwarding

classified material (name, address, zip code), cognizant security office (name, address, zip code), and offeror's security officer's name and telephone number).

- 2) Section B: Period of Performance and Task Objectives;
 - 3) Section C: Technical Summary and Proposed Deliverables; and
 - 4) Section D: Cost of Task (Rough Order of Magnitude (ROM))
 - 5) Section E: A Certified DD Form 2345, Military Critical Technical Data Agreement. This does not count towards page count limitations.
- d. Technical Portion: The technical portion of the White Paper shall include a discussion of the nature and scope of the research and the offeror's proposed technical approach/solution. It may also include any proposed deliverables. Resumes, descriptions of facilities and equipment, and a proposed Statement of Work are not required at this point.
- e. Cost Portion: The cost portion of the White Paper shall include a ROM cost estimate. No detailed price or cost support information should be included; only a time-phased bottom line figure should be provided.
- f. Other Information: If the offeror wishes to restrict its White Papers, they must be marked with the restrictive language stated in FAR 52.215-1(e).
- g. White Paper Content Summary: You may be ineligible for award if all requirements of this solicitation are not met on the due date.

2. **SECOND STEP - Proposal Instructions**

- a. If the offeror's proposal is determined successful, then they will be contacted with an RFP Letter with specific instructions on how to submit a full proposal and those instructions will mirror what is in the PACER BAA.

3. **White Paper/ Proposal Review Information**

- a. **FIRST STEP - White Paper Peer or Scientific Review Criteria**: Those offerors submitting White Papers as assessed as meeting Air Force needs will be asked to submit a Proposal (Second Step). Offerors not selected to proceed will be notified of the disposition of their White Paper. The Government will review White Papers to determine which of them have the potential to best meet the Air Force's needs based on the following criteria, which are listed in **descending** order of importance:
 - 1) Unique and innovative approach proposed to accomplish the technical objectives. New and creative solutions and/or advances in knowledge, understanding, technology, and the state of the art.
 - 2) The offeror's understanding of the scope of the technical effort.
 - 3) Soundness of the offeror's technical approach.

4) Affordability (Proposed ROM Cost Estimate).

- b. **SECOND STEP - Proposal Peer or Scientific Review Criteria:** Proposals will be reviewed through a Peer or Scientific Review process.

The following are the standard Proposal Peer or Scientific Review Criteria. The technical aspect, which is ranked as the first order of priority, shall be reviewed based on the following criteria that are of **descending** order of importance:

(1) **Technical:**

- (a) Unique and innovative approach proposed to accomplish the technical objectives. New and creative solutions and/or advances in knowledge, understanding, technology, and the state of the art.
- (b) The offeror's understanding of the scope of the technical effort.
- (c) Soundness of the offeror's technical approach including whether the proposal identifies major technical risks, clearly defines feasible mitigation efforts, and demonstrates related experience and qualifications of technical personnel.
- (d) The potential to transition the research and development deliverables to future Government needs. Any proposed restriction on technical data or computer software will be considered.

- (2) **Cost/Price:** The cost evaluation includes the realism of the proposed cost. Cost/Price is a substantial factor, but ranked as the second order of priority. (If an offeror proposes the use of GFP other than any GFP identified in this BAA, and that proposed GFP provides the offeror an unfair competitive advantage, then FAR 45.202 requires rental equivalent be applied to the Cost Factor for evaluation purposes only).

c. **SECOND STEP – Proposal Review and Selection Process**

- 1) **Categories:** Based on the Peer or Scientific Review, Proposals will be categorized as Selectable, or Not Selectable (see definitions below). The selection of one or more sources for award will be based on the Peer or Scientific Review, as well as importance to agency programs and funding availability.
- (a) **Selectable:** Proposals are recommended for acceptance if sufficient funding is available.
 - (b) **Not Selectable:** Even if sufficient funding existed, the proposal should not be funded.

Note: The Government reserves the right to award some, all, or none of the proposals. When the Government elects to award only a part of a proposal, the selected part may be categorized as Selectable, though the proposal as a whole may not merit such a categorization.

- 2) No other evaluation criteria will be used.
- 3) Prior to award of a potentially successful offer, the Contracting Officer will make a determination regarding price reasonableness.
- 4) As indicated in Section I.5.f. above, the Government will conduct a S&T Protection Initial Risk Review only for those Proposals categorized as Selectable and selected for funding and negotiations.
- 5) DD Form 254: The resultant contract may contain some classified information and then a DD Form 254 will be required (please see Attachment 5). Additional terms, conditions, and instructions applicable to the Second Step – Proposal will be sent with the RFP.
- 6) **Section K:** A completed Section K will be required to be completed with the Proposal requested in the Second Step.
- 7) **Model Contract:** The BAA contains a model contract as an example only. Applicable Clauses, terms, and conditions may vary per contractor and per proposal and will be addressed during potential negotiations.

4. Award Administration Information

- 1) **Award Notices:** Offerors will be notified whether their Proposal is recommended for award by e-mail. The notification is not to be construed to mean the award of a contract is assured, as availability of funds and if necessary, successful negotiations are prerequisites to any award.

V. Other Information

1. **BAA terms, conditions, and instructions:** All BAA terms, conditions, and instructions contained in BAA FA2391-23-S-2403 shall be considered applicable to this Call and First Step - White Papers/Second Step - Proposals shall be in accordance with the BAA, unless deviations are authorized in this call.
2. **Availability of Funds:** Funds are not presently available for this contract. The Government's obligation under this contract is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are made

available to the Contracting Officer for this contract and until the Contractor receives notice of such availability, to be confirmed in writing by the Contracting Officer.

3. **White Paper/ Proposal Reminders:** You may be ineligible for award if all requirements of this solicitation are not met.
 - a. White Papers are due no later than the due date and time specified in the Call.
 - b. If selected to provide a Proposal, Proposals are due no later than the due date and time specified in the RFP.
 - c. White Paper and Proposal Page limits are strictly enforced.
 - d. White Papers and Proposals must be submitted in the format specified.
 - e. White Papers are due to the Contracting POCs identified in the Call.
 - f. Offerors other than small businesses must include a subcontracting plan.

Attachments:

1. Contract Data Requirements List (CDRLs)
2. Public Statement of Objectives (SOO) dated 29 October 2024
3. SOW Supplemental Requirements
4. Solicitation Language for Security Risk Review
5. DD 254
6. Security Program Worksheet
7. R&R Worksheet
8. Privacy Act Statement

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188			
The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services and Communications Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.									
A. CONTRACT LINE ITEM NO. 0001		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER _____ N/A REF: DOD 5010.12-I AMSDL					
D. SYSTEM/ITEM Q2SE			E. CONTRACT/PR NO. FA2391-23-S-2403		F. CONTRACTOR				
1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM SCIENTIFIC AND TECHNICAL REPORTS				3. SUBTITLE Final Report				
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80711A/T			5. CONTRACT REFERENCE CSOW		6. REQUIRING OFFICE AFRL/RQQM				
7. DD 250 REQ XX	9. DIST STATEMENT REQUIRED E	10. FREQUENCY ONE/R		12. DATE OF FIRST SUBMISSION See Block 16*		14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE End of Tech Effort		13. DATE OF SUBSEQUENT SUBMISSION See Block 16*		a. ADDRESSEE	b. COPIES		
						Draft	Final		
							Reg	Repro	
16. REMARKS Block 4: Document format shall minimally conform to guidance described in the attached ANSI-based AFRL Format Guidelines. Include a completed Standard Form (SF) 298. If the Final Report contains data that is being delivered with less-than-unlimited rights, the data shall be appropriately marked within the Final Report. NOTE: When the sensitivity of STINFO in draft and final deliverable documents meets the requirements of Controlled Unclassified Information (CUI) as dictated by EO 13556, "Controlled Unclassified Information," contractors must properly mark pages of their submitted documents with the acronym "CUI" at the top and bottom of each page and include the CUI designation indicator on the title page. BLOCK 9: E: Distribution authorized to DoD components only. (Critical Technology) Other requests for this document shall be referred to AFRL/RQQM. WARNING - This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., sec 2778 et seq., as amended) or the Export Administration Act of 1979, as amended, Title 50, U.S.C. App 2401 et seq. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25. DESTRUCTION NOTE - Destroy by any... (continued on next page)						AFRL/RQQM	1	1	0
						AFRL/RQON	1	1	0
15. TOTAL						2	2	0	
G. PREPARED BY Travis E. Michalak AFRL/RQQM (937) 656-4429 Ext:			H. DATE 08-OCT-2024		I. APPROVED BY		J. DATE		

17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

A. CONTRACT LINE ITEM NO. 0001	B. EXHIBIT A	C. CATEGORY: TDP _____ TM _____ OTHER _____		N/A REF: DOD 5010.12-I AMSDL
D. SYSTEM/ITEM Q2SE		E. CONTRACT/PR NO. FA2391-23-S-2403		F. CONTRACTOR

16. REMARKS (Continued)

method that will prevent disclosure of contents or reconstruction of the document.

NOTE: All digital files shall be encrypted or password protected in transmission; passwords shall be provided in a separate communication.

Block 10: The contractor shall deliver the Scientific and Technical Report, in final format, no later than the date specified in the Schedule. USAF will review and, if necessary, return the report with comments no later than the date specified in the Schedule. If the report is returned to the contractor with comments, the contractor shall deliver the publication-ready copy of the report no later than the date specified in the Schedule.

Block 11: End of Technical Effort.

Block 12. 30 days from Block 11. Approval/disapproval by letter from the Air Force Program Manager within 30 days after receipt. Disapproval requires correction/resubmission within 30 days after receipt of Air Force comments.

The contractor shall deliver a draft of the final report IAW the ANSI-based AFRL Format Guidelines (attached), in editable MS Word format and editable PDF on appropriately labeled CD-ROM or DVD (label to include report title, contract number, CUI markings as required, distribution statement, and any data rights and/or export control notices) via approved postal delivery service, or as an attachment on a secure e-mail or sharing through other secure network systems such as DoD SAFE within 30 calendar days after completion of the technical effort. The AFRL Program Manager will take no more than 30 calendar days after delivery to review the draft final report and return technical and STINFO comments to the contractor. The contractor shall incorporate the combined STINFO and technical comments.

Block 13: End of Contract, 90 days from Block 11. The contractor shall deliver the final version of the report in publication-ready condition within 60 calendar days after the date of the draft submission (date in Block 12). The final report shall be delivered as described in the instruction in Block 12 above.

NOTE: Submittal of DD Form 250Z, Final Receiving Report or WAWF prior to acceptance notification will result in rejection of the Final Receiving Report. Hard date indicating when final tech report is due can be found in Section F in the contract.

The report will be published with the Defense Technical Information center (DTIC) by the AFRL STINFO officer.

Under no circumstances shall the contractor submit any version of the scientific and technical report to DTIC.

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188			
The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services and Communications Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.									
A. CONTRACT LINE ITEM NO. 0001		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER _____ N/A REF: DOD 5010.12-I AMSDL					
D. SYSTEM/ITEM Q2SE			E. CONTRACT/PR NO. FA2391-23-S-2403		F. CONTRACTOR				
1. DATA ITEM NO. A002	2. TITLE OF DATA ITEM FUNDS AND MAN-HOUR EXPENDITURE REPORT				3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-FNCL-80331A/T			5. CONTRACT REFERENCE CSOW		6. REQUIRING OFFICE AFRL/RQQM				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED B	10. FREQUENCY MTHLY		12. DATE OF FIRST SUBMISSION **		14. DISTRIBUTION			
8. APP CODE N/A		11. AS OF DATE *		13. DATE OF SUBSEQUENT SUBMISSION **		a. ADDRESSEE	b. COPIES		
						Draft	Final		
							Reg	Repro	
16. REMARKS Tailored to allow contractor's format. * At the close of the contractor's monthly accounting period. ** 25 days after Block 11 time. Submit electronically. Electronic submittals shall be encrypted or password protected. BLOCK 9: B: Distribution authorized to US Government agencies only.						/ACO	0	1	0
						AFRL/RQQM	0	1	0
						AFRL/RQF	0	1	0
						AFRL/RQKPD	0	1	0
15. TOTAL						0	4	0	
G. PREPARED BY Travis E. Michalak AFRL/RQQM (937) 656-4429 Ext:			H. DATE 08-OCT-2024		I. APPROVED BY		J. DATE		

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D. SYSTEM/ITEM Q2SE			E. CONTRACT/PR NO. FA2391-23-S-2403		F. CONTRACTOR				
1. DATA ITEM NO. A003	2. TITLE OF DATA ITEM CONTRACTOR SPEND AND EXPENDITURE PLAN				3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-82355/T			5. CONTRACT REFERENCE CSOW		6. REQUIRING OFFICE AFRL/RQQM				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED B	10. FREQUENCY MTHLY		12. DATE OF FIRST SUBMISSION **		14. DISTRIBUTION			
8. APP CODE N/A		11. AS OF DATE *		13. DATE OF SUBSEQUENT SUBMISSION **		a. ADDRESSEE	b. COPIES		
						Draft	Final		
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						/ACO	0	1	0
						AFRL/RQF	0	1	0
						AFRL/RQKPD	0	1	0
15. TOTAL						0	4	0	
G. PREPARED BY Travis E. Michalak AFRL/RQQM (937) 656-4429 Ext:			H. DATE 08-OCT-2024		I. APPROVED BY		J. DATE		

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TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188			
The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services and Communications Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.									
A. CONTRACT LINE ITEM NO. 0001		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER _____ N/A REF: DOD 5010.12-I AMSDL					
D. SYSTEM/ITEM Q2SE			E. CONTRACT/PR NO. FA2391-23-S-2403		F. CONTRACTOR				
1. DATA ITEM NO. A004	2. TITLE OF DATA ITEM SCIENTIFIC AND TECHNICAL REPORTS				3. SUBTITLE Commitment Projection				
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80711A/T			5. CONTRACT REFERENCE CSOW		6. REQUIRING OFFICE AFRL/RQQM				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED E	10. FREQUENCY MTHLY		12. DATE OF FIRST SUBMISSION **		14. DISTRIBUTION			
8. APP CODE N/A		11. AS OF DATE *		13. DATE OF SUBSEQUENT SUBMISSION **		a. ADDRESSEE	b. COPIES		
						Draft	Final		
							Reg	Repro	
16. REMARKS Tailored to require the reporting of current work accomplished and billed against work scheduled to be accomplished for the cumulative total work effort in dollars as defined herein. The report will show a graphical/tabular depiction (tabular preferred) by month comparing BCWS, BCWP, ACWP, and the contractor's billed amount. The report will also provide the amount of outstanding commitments currently funded as of the report cut-off date, as well as the amount of obligated funding held as management reserve. The report should also provide, for the six months following the submittal, projected invoice amounts (to include projected subcontractor invoices) and projected additional outstanding commitment (projected commitments to subcontractor) amounts. Block 10 is clarified so that distribution to DTIC shall only be through Air Force distribution channels. Budget Cost of Work Scheduled (BCWS) means the estimated cost of all work scheduled to be accomplished for total work effort. Budget Cost of Work Performed (BCWP) means the value of completed work in terms of the work's assigned budget. Actual Cost of Work Performed (ACWP) means the actual costs of work accomplished as of the reporting cut-off date. Billed means the amount of funds that have been billed to the... (continued on next page)						AFRL/RQQM	0	1	0
						/ACO	0	1	0
						AFRL/RQF	0	1	0
						AFRL/RQKPD	0	1	0
15. TOTAL						0	4	0	
G. PREPARED BY Travis E. Michalak AFRL/RQQM (937) 656-4429 Ext:			H. DATE 08-OCT-2024		I. APPROVED BY		J. DATE		

17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST*(1 Data Item)*

A. CONTRACT LINE ITEM NO. 0001	B. EXHIBIT A	C. CATEGORY: TDP _____ TM _____ OTHER _____		N/A REF: DOD 5010.12-I AMSDL
D. SYSTEM/ITEM Q2SE		E. CONTRACT/PR NO. FA2391-23-S-2403		F. CONTRACTOR

16. REMARKS *(Continued)*

Government by the contractor.

* At the end of the contractor's monthly accounting period.

** 25 days after Block 11 time.

Submit electronically. Electronic submittals shall be encrypted or password protected.

BLOCK 9: E: Distribution authorized to DoD components only.

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188				
The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services and Communications Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.										
A. CONTRACT LINE ITEM NO. 0001		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER _____				N/A REF: DOD 5010.12-I AMSDL		
D. SYSTEM/ITEM Q2SE			E. CONTRACT/PR NO. FA2391-23-S-2403			F. CONTRACTOR				
1. DATA ITEM NO. A005	2. TITLE OF DATA ITEM CONTRACT FUNDS STATUS REPORT (CFSR)					3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81468A/T			5. CONTRACT REFERENCE CSOW			6. REQUIRING OFFICE AFRL/RQQM				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY QRTLY		12. DATE OF FIRST SUBMISSION **		14. DISTRIBUTION				
8. APP CODE N/A	B	11. AS OF DATE *		13. DATE OF SUBSEQUENT SUBMISSION ***		a. ADDRESSEE		b. COPIES		
						Draft		Final		
						Reg		Repro		
16. REMARKS Tailored to allow contractor's format. Tailored so that the report contains forecasts by month for the next six months, by quarter for the remaining fiscal year, and by year for the remaining fiscal years. CFSR data shall be reconciled to the Governments fiscal year end at 30 September if the contractor's fiscal year end does not coincide with the Government's fiscal year end. * The last day of the contractor's monthly accounting period nearest the end of the governments fiscal year quarter. ** The initial submission shall be within 25 calendar days after the close of the contractor's monthly accounting period nearest the end of the first government fiscal year quarter after contract award. ***Subsequent submissions shall be 25 calendar days after Block 11 time. Submit electronically. Electronic submittals shall be encrypted or password protected. BLOCK 9: B: Distribution authorized to US Government agencies only.						AFRL/RQQM		0	1	0
						/ACO		0	1	0
						AFRL/RQF		0	1	0
						AFRL/RQKPD		0	1	0
15. TOTAL						0	4	0		
G. PREPARED BY Travis E. Michalak AFRL/RQQM (937) 656-4429 Ext:			H. DATE 08-OCT-2024		I. APPROVED BY			J. DATE		

17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188			
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A. CONTRACT LINE ITEM NO. 0001		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER _____ N/A REF: DOD 5010.12-I AMSDL					
D. SYSTEM/ITEM Q2SE			E. CONTRACT/PR NO. FA2391-23-S-2403		F. CONTRACTOR				
1. DATA ITEM NO. A006	2. TITLE OF DATA ITEM STATUS REPORT				3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-80368A/T			5. CONTRACT REFERENCE CSOW		6. REQUIRING OFFICE AFRL/RQQM				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED E	10. FREQUENCY MTHLY		12. DATE OF FIRST SUBMISSION **		14. DISTRIBUTION			
8. APP CODE N/A		11. AS OF DATE *		13. DATE OF SUBSEQUENT SUBMISSION **		a. ADDRESSEE	b. COPIES		
						Draft	Final		
							Reg	Repro	
16. REMARKS Tailored to allow contractor's format and to delete para 3.2.3. Submit electronically, except when final report is due to be submitted, then omit this item. * At the close of the contractor's monthly accounting period. ** 25 days after Block 11 time. Submit electronically. Electronic submittals shall be encrypted or password protected. BLOCK 9: E: Distribution authorized to DoD components only.						AFRL/RQQM	0	1	0
						/ACO	0	1	0
						AFRL/RQKP	0	1	0
15. TOTAL						0	3	0	
G. PREPARED BY Travis E. Michalak AFRL/RQQM (937) 656-4429 Ext:			H. DATE 08-OCT-2024		I. APPROVED BY		J. DATE		

17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188			
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A. CONTRACT LINE ITEM NO. 0001		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER _____ N/A REF: DOD 5010.12-I AMSDL					
D. SYSTEM/ITEM Q2SE			E. CONTRACT/PR NO. FA2391-23-S-2403		F. CONTRACTOR				
1. DATA ITEM NO. A007	2. TITLE OF DATA ITEM PRESENTATION MATERIAL				3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-81373/T			5. CONTRACT REFERENCE CSOW		6. REQUIRING OFFICE AFRL/RQQM				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED E	10. FREQUENCY ASREQ		12. DATE OF FIRST SUBMISSION *		14. DISTRIBUTION			
8. APP CODE N/A		11. AS OF DATE *		13. DATE OF SUBSEQUENT SUBMISSION		a. ADDRESSEE	b. COPIES		
						Draft	Final		
							Reg	Repro	
16. REMARKS Tailored to require only view graphs and hard copy. Submittal of the actual viewgraph is not required if the presentation is computer generated. ASREQ means as required to document topics under discussion at briefings and reviews. * Submit at each briefing or review as appropriate. Maximum # of view graphs shall not exceed 2,000 for this contract. Submit electronically. Electronic submittals shall be encrypted or password protected. BLOCK 9: E: Distribution authorized to DoD components only.						AFRL/RQQM	0	1	1
15. TOTAL						0	1	1	
G. PREPARED BY Travis E. Michalak AFRL/RQQM (937) 656-4429 Ext:			H. DATE 08-OCT-2024		I. APPROVED BY		J. DATE		

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188			
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A. CONTRACT LINE ITEM NO. 0001		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER _____ N/A REF: DOD 5010.12-I AMSDL					
D. SYSTEM/ITEM Q2SE			E. CONTRACT/PR NO. FA2391-23-S-2403		F. CONTRACTOR				
1. DATA ITEM NO. A009	2. TITLE OF DATA ITEM TEST PLAN				3. SUBTITLE FLIGHT AND TAXI TEST PLAN				
4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80566A/T			5. CONTRACT REFERENCE CSOW		6. REQUIRING OFFICE AFRL/RQQM				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED E	10. FREQUENCY ASREQ		12. DATE OF FIRST SUBMISSION *		14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE N/A		13. DATE OF SUBSEQUENT SUBMISSION **		a. ADDRESSEE	b. COPIES		
						Draft	Final		
							Reg	Repro	
16. REMARKS Tailored to require the attached AFRL Flight and Taxi Test Plan format. ASREQ means as required to document plans for flight and taxi testing through out this effort. * 8 weeks prior to testing. Approval/disapproval by letter from the Air Force Program Manager within 2 weeks after AFRL SRB and TRB Review. **Disapproval requires correction/resubmission within 1 week after receipt of Air Force comments. NOTE: Testing shall not begin until after contractor receipt of Air Force notice to proceed with testing. Submit electronically. Electronic submittals shall be encrypted or password protected. BLOCK 9: E: Distribution authorized to DoD components only.						AFRL/RQQM	1	1	0
						AFRL/DO	1	1	0
15. TOTAL						2	2	0	
G. PREPARED BY Travis E. Michalak AFRL/RQQM (937) 656-4429 Ext:			H. DATE 08-OCT-2024		I. APPROVED BY		J. DATE		

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188			
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A. CONTRACT LINE ITEM NO. 0001		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER _____ N/A REF: DOD 5010.12-I AMSDL					
D. SYSTEM/ITEM Q2SE			E. CONTRACT/PR NO. FA2391-23-S-2403		F. CONTRACTOR				
1. DATA ITEM NO. A013	2. TITLE OF DATA ITEM CONTRACT WORK BREAKDOWN STRUCTURE (CWBS)				3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81334D/T			5. CONTRACT REFERENCE CSOW		6. REQUIRING OFFICE AFRL/RQQM				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED E	10. FREQUENCY ASREQ		12. DATE OF FIRST SUBMISSION *		14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE N/A		13. DATE OF SUBSEQUENT SUBMISSION R/ASR		a. ADDRESSEE	b. COPIES		
						Draft	Final		
							Reg	Repro	
16. REMARKS Tailored so that the CWBS shall be in accordance with the Statement of Work and completion of the integrated baseline review to ensure that the Government agrees with the scope of the work packages, that every task is addressed and has adequate oversight, and that every task has adequate resources allocated. *Approval/disapproval by letter from the Air Force Program Manager within 30 days after receipt. Disapproval requires correction/resubmission within 30 days after receipt of Air Force comments. R/ASR means revisions as required to document Air Force required changes or changes requested by the contractor to keep the CWBS up to date; changes and revisions to the CWBS shall be accompanied by appropriate changes and/or revisions to the index and the dictionary. The contractor shall incorporate Air Force required changes within 30 days after receipt. Submit electronically. Electronic submittals shall be encrypted or password protected. BLOCK 9: E: Distribution authorized to DoD components only.						AFRL/RQQM	1	1	0
						AFRL/RQF	0	1	0
						AFRL/RQKPD	0	1	0
						DCMA/ACO	0	1	0
15. TOTAL						1	4	0	
G. PREPARED BY Travis E. Michalak AFRL/RQQM (937) 656-4429 Ext:			H. DATE 08-OCT-2024		I. APPROVED BY		J. DATE		

17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188			
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A. CONTRACT LINE ITEM NO. 0001		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER _____ N/A REF: DOD 5010.12-I AMSDL					
D. SYSTEM/ITEM Q2SE			E. CONTRACT/PR NO. FA2391-23-S-2403		F. CONTRACTOR				
1. DATA ITEM NO. A016	2. TITLE OF DATA ITEM Model Based Systems Engineering (MBSE) *				3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-SESS-82380			5. CONTRACT REFERENCE CSOW		6. REQUIRING OFFICE AFRL/RQQM				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED E	10. FREQUENCY ASREQ		12. DATE OF FIRST SUBMISSION ASREQ		14. DISTRIBUTION			
8. APP CODE N/A		11. AS OF DATE N/A		13. DATE OF SUBSEQUENT SUBMISSION R/ASR		a. ADDRESSEE	b. COPIES		
						Draft	Final		
							Reg	Repro	
16. REMARKS * Development Plan (MDP) Tailored to allow contractor's format. BLOCK 9: E: Distribution authorized to DoD components only. ASREQ means as required to document the MBSE under this effort. R/ASR means revisions as required to keep the MBSE up to date, make changes or corrections; submit revisions as generated. Submit electronically. Electronic submittals shall be encrypted or password protected.						AFRL/RQQM	0	1	0
15. TOTAL						0	1	0	
G. PREPARED BY Travis E. Michalak AFRL/RQQM (937) 656-4429 Ext:			H. DATE 08-OCT-2024		I. APPROVED BY		J. DATE		

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188			
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A. CONTRACT LINE ITEM NO. 0001		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER _____ N/A REF: DOD 5010.12-I AMSDL					
D. SYSTEM/ITEM Q2SE			E. CONTRACT/PR NO. FA2391-23-S-2403		F. CONTRACTOR				
1. DATA ITEM NO. A022	2. TITLE OF DATA ITEM SYSTEM SAFETY HAZARD ANALYSIS REPORT (SSHA)				3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-SAFT-80101B/T			5. CONTRACT REFERENCE CSOW		6. REQUIRING OFFICE AFRL/RQQM				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED E	10. FREQUENCY ASREQ		12. DATE OF FIRST SUBMISSION ASREQ		14. DISTRIBUTION			
8. APP CODE N/A		11. AS OF DATE N/A		13. DATE OF SUBSEQUENT SUBMISSION R/ASR		a. ADDRESSEE	b. COPIES		
						Draft	Final		
							Reg	Repro	
16. REMARKS Tailored to allow contractor's format and to require only the [PHA, the SHA, the SSHA or the O&SHA] report. BLOCK 9: E: Distribution authorized to DoD components only. ASREQ means as required to document the SSHA under this effort. R/ASR means revisions as required to keep the SSHA up to date, make changes or corrections; submit revisions as generated. Submit electronically. Electronic submittals shall be encrypted or password protected.						AFRL/RQQM	0	1	0
15. TOTAL						0	1	0	
G. PREPARED BY Travis E. Michalak AFRL/RQQM (937) 656-4429 Ext:			H. DATE 08-OCT-2024		I. APPROVED BY		J. DATE		

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188			
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A. CONTRACT LINE ITEM NO. 0001		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER _____			N/A REF: DOD 5010.12-I AMSDL		
D. SYSTEM/ITEM Q2SE			E. CONTRACT/PR NO. FA2391-23-S-2403		F. CONTRACTOR				
1. DATA ITEM NO. A029	2. TITLE OF DATA ITEM SCIENTIFIC AND TECHNICAL REPORTS				3. SUBTITLE R&R ANNUAL UPDATE				
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-08711A			5. CONTRACT REFERENCE CSOW		6. REQUIRING OFFICE AFRL/RQQM				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED E	10. FREQUENCY *		12. DATE OF FIRST SUBMISSION *		14. DISTRIBUTION			
8. APP CODE N/A		11. AS OF DATE *		13. DATE OF SUBSEQUENT SUBMISSION ** R/ASR		a. ADDRESSEE	b. COPIES		
						Draft	Final		
							Reg	Repro	
16. REMARKS R&R Annual Update Complete the AFRL "Research and Related Senior/Key Person Profile" template as provided in Appendix 3 of the solicitation. Include the contract number in the subject line for email delivery. *The contractor shall submit this document within thirty (30) days after the completion of every twelve (12) months of contract performance. **Provide updates and supplements to this document, as appropriate, during the period of performance. Identify changes from previous versions. permanent change pages shall conform to the requirements, quality, style, and format of the basic documentation. R/ASR means revisions as required to keep the R&R Annual Update up to date, make changes or corrections; submit revisions as generated. Submit electronically. Electronic submittals shall be encrypted or password protected.						AFRL/RQQM	0	1	0
						AFRL/RQ/Securit	0	1	0
						y			
15. TOTAL						0	2	0	
G. PREPARED BY Travis E. Michalak AFRL/RQQM (937) 656-4429 Ext:			H. DATE 08-OCT-2024		I. APPROVED BY		J. DATE		

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188							
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A. CONTRACT LINE ITEM NO. 0001		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER _____				N/A REF: DOD 5010.12-I AMSDL					
D. SYSTEM/ITEM Q2SE			E. CONTRACT/PR NO. FA2391-23-S-2403			F. CONTRACTOR							
1. DATA ITEM NO. A030	2. TITLE OF DATA ITEM SCIENTIFIC AND TECHNICAL REPORTS				3. SUBTITLE SECURITY PLAN								
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80711A			5. CONTRACT REFERENCE CSOW			6. REQUIRING OFFICE AFRL/RQQM							
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED E	10. FREQUENCY *		12. DATE OF FIRST SUBMISSION *		14. DISTRIBUTION							
8. APP CODE N/A		11. AS OF DATE *		13. DATE OF SUBSEQUENT SUBMISSION ** R/ASR		a. ADDRESSEE		b. COPIES					
16. REMARKS Tailored to allow contractor's format. Submit electronically in Microsoft Office Suite compatible format, PDF, or RTF as coordinated with the PM/PE. Include the contract number in the subject line for email delivery. *The contractor shall submit this document fifteen (15) days after award of contract if required by the government. The government will provide comments within fifteen (15) days after receipt of drafts. Final copies due fifteen (15) days after receipt of government comments. **Provide updates and supplements to this document, as appropriate, during the period of performance. Identify changes from previous versions. Permanent change pages shall conform to the requirements, quality, style, and format of the basic documentation. R/ASR means revisions as required to keep the Security Plan up to date, make changes or corrections; submit revisions as generated. Submit classified Data (up to and including SECRET) via the SIPRNET or as coordinated with the requiring office. Submit electronically. Electronic submittals shall be encrypted or password protected.						Draft		Final					
						Reg		Repro					
						AFRL/RQQM		0		1		0	
						AFRL/RQ/Securit		0		1		0	
						y							
						15. TOTAL						0	
G. PREPARED BY Travis E. Michalak AFRL/RQQM (937) 656-4429 Ext:			H. DATE 08-OCT-2024		I. APPROVED BY			J. DATE					

17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE

INSTRUCTIONS FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNMENT PERSONNEL

Item A. Self-explanatory.

Item B. Self-explanatory.

Item C. Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as "Provisioning," "Configuration Management," etc.

Item D. Enter name of system/item being acquired that data will support.

Item E. Self-explanatory (to be filled in after contract award).

Item F. Self-explanatory (to be filled in after contract award).

Item G. Signature of preparer of CDRL.

Item H. Date CDRL was prepared.

Item I. Signature of CDRL approval authority.

Item J. Date CDRL was approved.

Item 1. See DoD FAR Supplement Subpart 4.71 for proper numbering.

Item 2. Enter title as it appears on data acquisition document cited in Item 4.

Item 3. Enter subtitle of data item for further definition of data item (optional entry).

Item 4. Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or one-time DID number, that defines data content and format requirements.

Item 5. Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).

Item 6. Enter technical office responsible for ensuring adequacy of the data item.

Item 7. Specify requirement for inspection/acceptance of the data item by the Government.

Item 8. Specify requirement for approval of a draft before preparation of the final data item.

Item 9. For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref. DoDD 5230.24).

Item 10. Specify number of times data items are to be delivered.

Item 11. Specify as-of date of data item, when applicable.

Item 12. Specify when first submittal is required.

Item 13. Specify when subsequent submittals are required, when applicable.

Item 14. Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16.

Item 15. Enter total number of draft/final copies to be delivered.

Item 16. Use for additional/clarifying information for Items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14.; Desired medium for delivery of the data item.

FOR THE CONTRACTOR

Item 17. Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing, and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

Item 18. For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data.

These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract.

Call: Medium Scale Integrated Propulsion, Power, and Thermal (MSIPPT)
Statement of Objectives (SOO)
29 October 2024

1.0: BACKGROUND:

In support of the Secretary of the Air Force's Operational Imperative (OI) #4 (please see [REFERENCE 1]), the Air Force is exploring Group 5 (notionally ~10,000 – 15,000 lb gross take-off weight) Uncrewed Aerial Systems (UAS) to act in the role of Autonomous Collaborative Platforms (ACP). Under that specific OI, the ACP are envisioned to be key elements in a family of systems supporting Next-Generation Air Dominance (NGAD). In general, there are several missions (and thus platform variations) being considered for these ACP, as described in various open sources. For instance, see this paper from the Mitchell Institute for Aerospace Studies [REFERENCE 2], which lists out such mission categories as Collaborative Combat Aircraft (CCA), Collaborative Reconnaissance Aircraft (CRA), Collaborative Strike Aircraft (CSA), Collaborative Mobility Aircraft (CMA), and Collaborative Training Aircraft (CTA).

It is anticipated that future generations of ACP-class vehicles will need to provide operational capabilities requiring mission system suites which may utilize both power and cooling at levels not currently available on this class of vehicle. The MSIPPT program seeks to develop and demonstrate technologies (components, subsystems, and systems) to enable electrical power systems (EPS) and thermal management systems (TMS) with the appropriate capacities to support these future advanced mission system suites.

1.1: REFERENCES:

- 1) https://www.af.mil/portals/1/documents/2023SAF/operational_imparitives_infographic.pdf
- 2) Lee, C. and Gunzinger, M, "The Next Frontier: UAVs for Great Power Conflict: Part 1: Penetrating Strike," Mitchell Institute for Aerospace Studies, December 2022

2.0: OBJECTIVES

The objective of the MSIPPT program is to develop integrated propulsion, power, and thermal management components and systems for future Autonomous Collaborative Platforms (ACPs) to support Autonomous ISR/Strike capabilities and operations in contested/denied environments (CDE) enabling active sensing and electronic warfare.

Please note, the Statement of Objectives (SOO) is CONTROLLED UNCLASSIFIED INFORMATION and is only available to qualified US contractors, as defined by DoDD 5230.25 (which established the certified DD Form 2345, Militarily Critical Technical Data Agreement, as the mechanism for certifying qualified U.S. Contractors). For more information on establishing eligibility, please refer to DoDD 5230.25 and the Joint Certification Program, both of which can be accessed from:

<http://www.dla.mil/HQ/InformationOperations/Offers/Products/LogisticsApplications/JCP.aspx>

Qualified U.S. contractors must request a copy of the SOO by contacting the Contracting Officer, Ms. Rebecca Houghton, at rebecca.houghton@us.af.mil, and attaching a certified, current DD Form 2345. Upon confirmation of eligibility, the SOO will be provided via the DoD Safe Website and a separate password will be provided to decrypt the file.

Statement of Work (SOW)
Supplemental Requirements (AFRL/PZL)
24 September 2024

The following paragraphs are also considered be a part of the SOW/PWS requirements and the Contractor is responsible for compliance to the same extent as the rest of the SOW/PWS.

1. Implementation of Disclosure of Information:

In order to comply with DFARS 252.204-7000, *Disclosure of Information*, the following copies of the information to be released are required at least 50 days prior to the scheduled release date:

- a. One (1) copy(ies) to: TBD, Contracting Officer
- b. One (1) copy(ies) to: TBD, Program Manager

2. Key Positions and Minimum Qualifications:

- a. Contractor personnel holding the position titles and having the qualifications listed below are considered essential to the work being performed under this contract:

Key Positions:	Minimum Qualifications:
<u>TBD</u>	<u>TBD</u>

- b. The Contractor shall notify the Contracting Officer before the departure of any individual in a key position and identify the proposed substitution. Any proposed personnel substitution that does not meet the minimum qualification requirements described above requires the prior written approval of the Contracting Officer.

3. Packaging and Marking:

- a. All hardware deliverable contract items shall be packaged in accordance with established commercial practices.
- b. When special delivery and/or handling instructions are required, all boxes and/or crates must contain the following statement in plain sight and in bold letters:
INSTRUCTION TO RECEIVING OFFICE – DO NOT OPEN; CONTENTS ARE SENSITIVE TO
DAMAGE WHEN IMPROPERLY OPENED OR HANDLED. CONTACT THE RESPONSIBLE
TECHNICAL PROJECT OFFICER IMMEDIATELY UPON RECEIPT. CONTACT INFORMATION: TBD

4. Program Manager:

The Government Program Manager for this effort is TBD.

5. Program Focal Points:

The individuals listed below are identified as focal points for this contract.

Principal Investigator: TBD

Technical Contract Manager: TBD

Alternate: TBD

6. Base Support:

Base support may be provided by the Government to the Contractor in accordance with this SOW/PWS.

- a. The Contractor will require use of base support on a rent-free, non-interference basis to include Government-controlled working space, material, equipment, services (including automatic data

processing), or other support (excluding use of the Defense Switched Network (DSN)) which the Government determines can be made available at, or through, any Air Force installation where this contract shall be performed.

- b. Unless otherwise stipulated in the contract schedule, the Contractor will use base support on a no-charge-for-use basis and the value shall be a part of the Government's contract consideration.
- c. The Contractor will immediately report (with a copy to the cognizant contract administration office (CAO)) inadequacies, defective base support, or nonavailability of support stipulated by the contract schedule, together with a recommended plan for obtaining the required support. Facilities are not to be purchased under this contract by the Contractor. Additionally, the Contractor (or authorized representative) will not purchase or otherwise furnish any base support requirement provided by the SOW/PWS (or authorize others to do so), without prior written approval of the Contracting Officer regarding the price, terms, and conditions of the proposed purchase, or approval of other arrangements.
- d. The following are installations where base support will be provided: TBD.
- e. The base support to be furnished under this contract is TBD. Because of the nature and location(s) of the work performed, the value of such support is undeterminable. The Contractor is not authorized to incur any costs resulting from nonsupport prior to Contracting Officer direction.
- f. In the performance of this contract or any major subcontract, no direct or indirect costs for support will be incurred if the Government determines that support is available at or through any Air Force installation where this contract shall be performed.

7. Contracting Monitor (CM) for Top Secret (TS) Sensitive Compartmented Information (SCI) Security Administration:

The Government CM for TS//SCI Security Administration on behalf on the Contracting Officer for this effort is TBD. Additionally, refer to the contract specific DD Form 254 and the SCI addendum for further security guidance, requirements and information.

8. Implementation of Patent Rights Clause:

- a. Interim or Final Invention Reports 1) listing the subject invention(s) and stating that all subject inventions have been disclosed, or 2) stating that there are no such inventions, shall be sent to both the Administrative Contracting Officer TBD and to AFRL/PZL Patent Reporting at afmclo.jaz@us.af.mil within the timeframes specified in the Patent Rights clause of this contract.
- b. Contractors shall use DD Form 882, *Report of Inventions and Subcontracts*, to submit these reports. The DD Form 882 shall also be used for the notification of an award of any subcontract(s) for experimental, developmental, or research work which contain a "Patent Rights" clause.
- c. All other notifications required by the contract shall also be sent to the individuals in paragraph a. This provision also constitutes the request for the following information for any subject invention for which the Contractor has retained ownership: (1) the filing date, (2) the serial number and title, (3) a copy of the patent application, and (4) the patent number and issue date. Submittal shall be to AFRL/PZL Patent Reporting at afmclo.jaz@us.af.mil.

9. Implementation of Pollution Prevention and Right-To-Know Information Clause:

To comply with FAR 52.223-5, *Pollution Prevention and Right-to-Know Information*, with its Alternate I, and Environmental Management System (EMS) requirements, the Contractor is required to complete Initial EMS Awareness-Level training for all personnel working on an Air Force installation.

- a. The installation office responsible for providing the EMS training is TBD.
- b. The training requires TBD (example: "less than 30 minutes") time for training.
- c. The training shall be accomplished within TBD days of contract (or modification) award. New contract employees shall be trained within TBD days of starting work on the installation.
- d. The training is available via TBD, which provides materials that meet the training requirement.
- e. Upon completion of the training, the Contractor shall provide TBD a list of the Contractor employees' names and the date the training was completed.

10. Information Regarding Non-U.S. Citizens Assigned to this Project:

- a. Contractor employees requiring access to USAF bases, AFRL facilities, and/or access to U.S. Government Information Technology (IT) networks in connection with the work on this contract must be U.S. citizens. For the purpose of base and network access, possession of a permanent resident card ("Green Card") does not equate to U.S. citizenship. This requirement does not apply to foreign nationals approved by the U.S. Department of Defense or U.S. Department of State under international personnel exchange agreements with foreign governments. It also does not apply to dual citizens who possess U.S. citizenship, to include Naturalized citizens. Any waivers to this requirement must be granted in writing by the Contracting Officer prior to providing access. Specific format for a waiver request will be provided upon request to the Contracting Officer. The above requirements are in addition to any other contract requirements related to obtaining a Common Access Card (CAC).
- b. For purposes of paragraph a above, if an IT network/system does not require AFRL to endorse a Contractor's application to said network/system in order to gain access, the organization operating the IT network/system is responsible for controlling access to its system. If an IT network/system requires a U.S. Government sponsor to endorse the application in order for access to the IT network/system, AFRL will only endorse the following types of applications, consistent with the requirements above:
 - i. Contractor employees who are U.S. citizens performing work under this contract.
 - ii. Contractor employees who are non-U.S. citizens and who have been granted a waiver.Any additional access restrictions established by the IT network/system owner apply.

11. Fundamental Research:

Pursuant to DFARS 252.204-7000, *Disclosure of Information*, the exception in paragraph (a)(3) allowing release of information is applicable to Statement of Work section(s)/task(s) TBD, only as long as the work remains in the public domain or is considered fundamental research and not sensitive or inappropriate for public release. Any time work progresses to the non-public domain, exceeds the scope of fundamental research, or the Contractor has reason to believe the work has become sensitive or inappropriate for release to the public, then this exception no longer applies.

12. Comprehensive Small Business Subcontracting Plan:

The comprehensive small business subcontracting plan dated TBD is hereby incorporated into the contract by reference.

13. Operation Security (OPSEC):

- a. Operations Security (OPSEC) must be an integral part of our daily activities. As we maintain security on our future technologies that are vital to national interest, we must recognize and prepare for the threat poised against our technology. Department of Defense policies mandate a high degree of security throughout the acquisition process. However, heightened security awareness and threat-based countermeasures are particularly essential during the research and development phase when our technology is most vulnerable to espionage, sabotage, or exploitation. It is the obligation of each employee or persons involved on this contract be constantly aware of and strictly adhere to security requirements designed to protect sensitive unclassified and other information and resources produced by acquisition, research and development, and technological security efforts outlined in this TBD (example: PWS, SOW). The contractor shall ensure employees receive training and follow appropriate Operations Security (OPSEC) measures during the performance of the contract.
- b. This program mandates that contractor and subcontractor personnel maintain OPSEC posture by training all contract personnel involved in this effort. The contractor must ensure that employees complete Level I OPSEC training within 30 calendar days of joining the project team. Additionally, employees are required to complete annual OPSEC awareness training. Training can be provided by the company or accessed online here:
<https://securityawareness.usalearning.gov/opsec/index.htm>
- c. Contractor employees during the performance of this effort may be required to have access to Critical Technology Elements (CTE), Enabling technologies, Critical Program Information (CPI) or other potential sensitive information. Contractor employees will be required to protect this information from disclosure to unauthorized personnel and companies. If a disclosure occurs, the contractor shall notify the Government program and security office within 24 hours of any security incidents involving the loss, compromise, or suspected compromise of CTE/CPI. The notification must be made through secure means (encrypted email, secure email, or secure/encrypted call) appropriate to the level of the information involved. Following notification to the government program or security office, the contractor shall assist with all inquiry and investigation reports, and, if applicable, participate in a damage assessment.

14. Science and Technology (S&T) Protection (AFRLI 61-113):

The requirements below are in accordance with Air Force Research Laboratory Instruction (AFRLI) 61-113, "*S&T Protection for the Air Force Research Laboratory*" and are only required when there is a S&T plan requested by the Requirements Owner, or if specified in one of the following documents: SOW, PWS, DD Form 254.

- a. S&T Protection Plan Requirement: The contractor is required to follow the S&T Protection Plan, or a comparable document (i.e. Program Protection Plan, Program Specific Protection Plan), which will be provided by the Government program or security office under a separate cover. This adherence must be maintained throughout the execution of this project effort. If applicable, the contractor shall integrate any prior planning related to the baseline system or related research, technology or program and contribute feedback for future updates to the plan. Additionally, the contractor shall develop a comprehensive Protection Implementation document detailing how they will adhere to the S&T Protection Plan through submission of the Protection Implementation Plan CDRL. This document must outline the training and equipping of all employees, subcontractors, vendors and

other relevant personnel to ensure compliance with the plan. The contractor is also responsible for providing regular updates and keeping the program office informed of progress and any changes as the project or program advances. The contractor shall promptly inform the Government program office and security of any non-compliances within the S&T Protection Plan.

- i. Also, as applicable, the contractor shall also provide a detailed plan on how they intend to address and rectify these security or requirement gaps with a detailed timeline. These documents shall be sent through secure means. Coordination with the Government program or security office must occur prior to sending information via mail or digitally.

15. Risk Identification and Security Countermeasures (RISC):

This portion applies all FAR-based contracts and any other efforts involving fundamental research. The requirements below are in accordance with Air Force Research Laboratory Instruction (AFRLI) 61-113, "*S&T Protection for the Air Force Research Laboratory*," and required by AFRL/CC.

a. Security RISC Review:

- i. Initial/Annual/New Research and Related (R&R) Senior/Key Person Profile: In accordance with the Research and Related (R&R) Senior/Key Person Profile CDRL, the Contractor shall provide R&R Senior/Key Person Profile Worksheet(s) throughout the lifecycle of this effort as follows: 1) an initial report of all Senior/Key Personnel at the time of award; 2) an annual report of all Senior/Key Personnel providing support; and 3) ad hoc report when any new Senior/Key Personnel join the contract. Contractor shall obtain coordination from the Government on all ad hoc R&R Senior/Key Person Profile Worksheet(s) prior to the covered employee(s) receiving access to S&T information.
- ii. If, at any time, during performance of this award, the contractor/subcontractor learns that its Senior/Key Research Personnel are or are believed to be participants in a Foreign Government Talent Program or have Foreign Components with a strategic competitor or country with a history of targeting U.S. technology for unauthorized transfer, the contractor shall notify the Contracting Officer no later than 5 business days from the date at this information became known.
- iii. In the event a security risk is identified, and the Government determines the security risk exceeds the acceptable threshold, the Contracting Officer will promptly notify the Contractor of the Government's recommended course of action, which may include full or partial termination of award. The Government will provide as much information/rationale as OPSEC measures allow for. In the event the Contractor wishes to challenge the Government's decision, fundamental research awards will follow the OSD R&E Memorandum dated 6 Jun 2023. All other awards follow the Ombudsman procedures in DAFFARS 5352.201-9101.
- iv. Contractor shall flow down this requirement to all subcontractors involved in the performance of research under this effort.

Air Force Research Laboratory (AFRL)
Solicitation Language for Security Risk Review – AFRLI 61-113
8 Aug 2024

I. Notice of Intent.

(a) Security Risk Review. The Security Risk Review is applied to federally funded research designed to help protect Department of the Air Force Science and Technology (S&T) by identifying possible vectors of undue foreign influence. AFRL will follow all policy and procedures outlined in Air Force Research Laboratory (AFRL) Instruction AFRLI 61-113, Science and Technology Protection for the Air Force Research Laboratory and Department of the Air Force Instruction DAFI 63-101/20-101, Integrated Lifecycle Management.

(b) Security risk review for these subject application/proposals will be developed for all proposed Senior/Key personnel and “Covered Individuals”. These risk reviews will be based on information disclosed in a Research and Related Senior and Key Person Profile and Security Questionnaire. In addition, any accompanying or referenced documents, publicly available information, and information contained in internal U.S. Government databases will be utilized in risk reviews. Nationality or citizenship is not a factor in the security risk reviews.

(c) When considering all external engagements, AFRL incorporates a holistic decision-making process that encompasses technical and security factors. The security review method implemented by AFRL measures risk factors to identify the appropriate Risk Acceptance Level (RAL) within the organization. The objective analysis of the security risk factors is conducted to empower AFRL’s S&T leaders to make risk-informed decisions. The review process generally looks at five factors, or risk areas, but with authority for expanded review as noted in OSD R&E Memorandum dated 6 Jun 2023. The potential security risk factors are set forth below:

Potential security risk factors:

(1) Foreign Talent Program	(2) Funding	(3) Foreign Institutions	(4) Denied Entities	(5) U.S. Government Systems
Indicators of active and past participation or sponsorship in a strategic competitor Foreign Talent Program with history of targeting U.S. research or technology.	Indicators of active, historical, or pattern of conflict of interest, conflict of commitment, or pattern of direct funding from a strategic competitor or country with history of targeting U.S. research or technology.	Indicators of active, historical, or pattern of association with direct affiliation, collaboration with a foreign institution, person, or entity associated with a strategic competitor or country with history of targeting U.S. research or technology.	Indicators of an active affiliation or past affiliation or present association with an entity on the U.S. Gov’t denied entity or person list or EO 13959 or subsequent similar issuances	Indicators that may reside in safeguarded U.S. government environments, according to its ascribed classification and not releasable for public consumption.

II. Actions Required by Applicants/Recipients and/or Offerors/Contractors at application/proposal submission.

(a) In accordance with AFRLI 61-113, S&T Protection, Applicants/Recipients and/or Offerors/Contractors are required to submit the following documentation with their application/proposal:

(1) Grant or Cooperative Agreement (CA) application:

(i) Standard Form 424, “Research and Related Senior and Key Person Profile (Expanded) (See Appendix 1) AND;

(ii) Security Program Questionnaire (See Appendix 2) AND;

(iii) “Privacy Act Statement” consent form for each Covered Individual that is also signed by the Applicants/Recipients as that Individual’s Sponsor. (See “Covered Individual” section below, and Appendix 4)

(2) Contract or Other Transaction Agreement (OTA) proposals:

(i) Research and Related Senior and Key Person Profile Worksheet (See Appendix 3) AND;

(ii) Security Program Questionnaire (See Appendix 2) AND;

(iii) "Privacy Act Statement" consent form for each Covered Individual that is also signed by the Applicant/Recipient as that Individual's Sponsor. (See "Covered Individual" section below, and Appendix 4)

(3) In the event a security risk is identified, and the Government has determined the security risk exceeds the acceptable threshold, the Applicant/Recipient and/or Offeror/Contractor will be notified and informed of the decline of award. **The Government will provide as much rationale for the decision as Government OPSEC measures allow for.** Challenges under awards made solely for Fundamental Research shall follow the OSD R&E Memorandum dated 6 June 2023. Challenges under any other type of award shall follow the Ombudsman procedures within this Announcement/Solicitation.

(4) By submission of the Research and Related Senior Key Person Profile and Security Program Questionnaire, the Applicant/Recipient and/or Offeror/Contractor agrees to comply with the following:

(i) To certify that each covered individual who is listed on the application has been made aware: 1) of all relevant disclosure requirements, including the requirements of 42 U.S.C. § 6605; and 2) that false representations may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§287, 1001, 1031 and 31 U.S.C. §§ 3729-3733 and 3802. See National Science and Technology Council Guidance for Implementing National Security Presidential Memorandum 33 (NSPM-33) on National Security Strategy for United States Government-Supported Research and Development (January 2022).

(ii) To establish and maintain an internal process or procedure to address foreign talent programs, conflicts of commitment, conflicts of interest, and research integrity.

(iii) To exercise due diligence to identify Foreign Components or participation by Senior/Key Personnel in Foreign Government Talent Recruitment Programs and agree to share such information with the Government upon request.

III. Actions Required by Covered Individuals.

(a) Covered Individual. An individual who contributes to a substantive, meaningful way to the scientific development or execution of a research and development project proposed to be carried out with a research and development award from a federal research agency; and is designated as a covered individual by the federal research agency concerned. See 42 U.S.C. § 6605, Definitions. (Note: For purposes of a Broad Agency Announcement (BAA) solicitation, "covered individuals" are all Senior/Key Personnel.)

(b) Federal law requires that all current and pending research support, as defined by 42 U.S.C. §6605, must be disclosed at the time of application/proposal submission, for all covered individuals. The Government may require an updated disclosure during the performance of any research project

selected for funding. The Government will require an updated disclosure whenever covered individuals are added or identified as performing under the funded project.

(c) Covered Individuals are also required to sign the “Privacy Act Statement” and provide such signed statement to the Applicant/Recipient and/or Offeror/Contractor for submission with the application/proposal. (See Appendix 4)

(d) Any decision to accept an application/proposal for funding under this announcement/solicitation will include full reliance on the individual’s statements. Failure to report fully and completely all sources of project support and outside positions and affiliations may be considered a material statement within the meaning of the False Claims Act, 31 U.S.C. 3729, and constitute a violation of Federal law.

IV. Actions required by Applicants/Recipients and/or Offerors/Contractors during period of performance:

(a) Applicant/Recipient and/or Offeror/Contractor will be required to re-submit the Research and Related Senior and Key Person Profile as an annual requirement. In addition, whenever a new covered individual(s) is to be added or identified as performing under the funded project, a new Research and Related Senior and Key Person Profile will be required prior to continued performance.

(b) If, at any time, during performance of this award, the Applicant/Recipient and/or Offeror/Contractor learns that its Senior/Key Research Personnel (including any sub awardee personnel who receive this designation) are or are believed to be participants in a Foreign Government Talent Program or have Foreign Components with a strategic competitor or country with a history of targeting U.S. technology for unauthorized transfer, the Applicant/Recipient and/or Offeror/Contractor will notify the Contracting/Grants/Agreements Officer within 5 business days of awareness.

(c) This disclosure must include specific information as to the personnel involved and the nature of the situation and relationship. The Government will review this information and conduct any necessary fact-finding or discussion with the Applicant/Recipient and/or Offeror/Contractor. The Government’s determination on disclosure may include acceptance, mitigation, or termination of the award.

(d) Failure of the Applicant/Recipient and/or Offeror/Contractor to reasonably exercise due diligence to discover or ensure that neither it nor any of its Senior/Key Research Personnel involved in the subject award are participating in a Foreign Government Talent Program or have a Foreign Component with a strategic competitor or country with a history of targeting U.S. technology for unauthorized transfer may result in the Government exercising remedies in accordance with federal law and regulation.

(e) The Applicant/Recipient and/or Offeror/Contractor will be required to flow down this requirement to all sub awardees/contractors who have personnel designated as Senior/Key Research Personnel as a result of their involvement in the performance of the research.

**DEPARTMENT OF DEFENSE
CONTRACT SECURITY CLASSIFICATION SPECIFICATION**

(The requirements of the National Industrial Security Program (NISP) apply to all security aspects of this effort involving classified information.)

OMB No. 0704-0567
OMB approval expires:
June 30, 2025

The public reporting burden for this collection of information, 0704-0567, is estimated to average 70 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

RETURN COMPLETED FORM AS DIRECTED IN THE INSTRUCTIONS.

1. CLEARANCE AND SAFEGUARDING

a. LEVEL OF FACILITY SECURITY CLEARANCE (FCL) REQUIRED
(See Instructions)

Top Secret

**b. LEVEL OF SAFEGUARDING FOR CLASSIFIED INFORMATION/
MATERIAL REQUIRED AT CONTRACTOR FACILITY**

None (See instructions)

2. THIS SPECIFICATION IS FOR: (X and complete as applicable.)

- ☐ **a. PRIME CONTRACT NUMBER** (See instructions.)
- ☐ **b. SUBCONTRACT NUMBER**
- ☒ **c. SOLICITATION OR OTHER NUMBER** DUE DATE (YYYYMMDD)
FA2391-23-S-2403

3. THIS SPECIFICATION IS: (X and complete as applicable.)

- ☒ **a. ORIGINAL** (Complete date in all cases.) DATE (YYYYMMDD)
20230206
- ☐ **b. REVISED** (Supersedes all previous specifications.)
REVISION NO. DATE (YYYYMMDD)
- ☐ **c. FINAL** (Complete Item 5 in all cases.) DATE (YYYYMMDD)

4. IS THIS A FOLLOW-ON CONTRACT? ☒ No ☐ Yes If yes, complete the following:

Classified material received or generated under _____ (Preceding Contract Number) is transferred to this follow-on contract.

5. IS THIS A FINAL DD FORM 254? ☒ No ☐ Yes If yes, complete the following:

In response to the contractor's request dated _____, retention of the classified material is authorized for the period of: _____

6. CONTRACTOR (Include Commercial and Government Entity (CAGE) Code)

a. NAME, ADDRESS, AND ZIP CODE

TBD

b. CAGE CODE

TBD

c. COGNIZANT SECURITY OFFICE(S) (CSO)

(Name, Address, ZIP Code, Telephone required; Email Address optional)

TBD

7. SUBCONTRACTOR(S) (Click button if you choose to add or list the subcontractors
– but will still require a separate DD Form 254 issued by a prime contractor to each subcontractor)

a. NAME, ADDRESS, AND ZIP CODE

N/A

b. CAGE CODE

N/A

c. COGNIZANT SECURITY OFFICE(S) (CSO)

(Name, Address, ZIP Code, Telephone required; Email Address optional)

N/A

8. ACTUAL PERFORMANCE (Click button to add more locations.)

a. LOCATION(S) (For actual performance, see instructions.)

TBD

b. CAGE CODE
(If applicable,
see Instructions.)

TBD

c. COGNIZANT SECURITY OFFICE(S) (CSO)

(Name, Address, ZIP Code, Telephone required; Email Address optional)

TBD

9. GENERAL UNCLASSIFIED DESCRIPTION OF THIS PROCUREMENT

This hybrid BAA permits the study efforts on novel concepts as well as R&D contracts to mature specific technologies to appropriate TRLs depending on end use. R&D efforts under this program include but are not limited to: fundamental science, advanced technology demonstration, critical experiments, and ground and flight tests. Research sites will be limited to each task order and located at various research centers. The BAA will allow for the submittal of white papers.

10. CONTRACTOR WILL REQUIRE ACCESS TO: (X all that apply. Provide details in Blocks 13 or 14 as set forth in the instructions.)

- ☐ a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION
- ☐ b. RESTRICTED DATA
- ☐ c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION (CNWDI)
(If CNWDI applies, RESTRICTED DATA must also be marked.)
- ☐ d. FORMERLY RESTRICTED DATA
- ☒ e. NATIONAL INTELLIGENCE INFORMATION:
- ☒ (1) Sensitive Compartmented Information (SCI)
- ☐ (2) Non-SCI
- ☐ f. SPECIAL ACCESS PROGRAM (SAP) INFORMATION
- ☐ g. NORTH ATLANTIC TREATY ORGANIZATION (NATO) INFORMATION
- ☐ h. FOREIGN GOVERNMENT INFORMATION
- ☐ i. ALTERNATIVE COMPENSATORY CONTROL MEASURES (ACCM) INFORMATION
- ☒ j. CONTROLLED UNCLASSIFIED INFORMATION (CUI)
(See instructions.)
- ☒ k. OTHER (Specify) (See instructions.)
- JWICS access authorized.

11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL: (X all that apply. See instructions. Provide details in Blocks 13 or 14 as set forth in the instructions.)

- ☐ a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY
(Applicable only if there is no access or storage required at contractor facility. See instructions.)
- ☐ b. RECEIVE AND STORE CLASSIFIED DOCUMENTS ONLY
- ☒ c. RECEIVE, STORE, AND GENERATE CLASSIFIED INFORMATION OR MATERIAL
- ☒ d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE
- ☐ e. PERFORM SERVICES ONLY
- ☐ f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES
- ☐ g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER
- ☐ h. REQUIRE A COMSEC ACCOUNT
- ☐ i. HAVE A TEMPEST REQUIREMENT
- ☒ j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS
- ☐ k. BE AUTHORIZED TO USE DEFENSE COURIER SERVICE
- ☒ l. RECEIVE, STORE, OR GENERATE CONTROLLED UNCLASSIFIED INFORMATION (CUI).
(DoD Components: refer to DoDI 5200.48, only for specific CUI protection requirements. Non-DoD Components: see instructions.)
- ☒ m. OTHER (Specify) (See instructions.)
- AFFARS 5352.204-9000 applies. See block 13.

12. PUBLIC RELEASE

Any information (classified or unclassified) pertaining to this contract shall not be released for public dissemination except as provided by the National Industrial Security Program Operating Manual (NISPOM) or unless it has been approved for public release by appropriate U.S. Government authority. Proposed public releases shall be submitted for review and approval prior to release to the appropriate government approval authority identified here with at least office and phone contact information and if available, an e-mail address. (See instructions)

- ☐ DIRECT
- ☒ THROUGH (Specify below)
- AFRL/RQ for non-SAR material. Transmission of public release request via e-mail is not authorized. Allow 23 days for processing.
- Public Release Authority:**
AFRL/RQ
2130 8th Street, WPAFB OH 45433

13. SECURITY GUIDANCE

The security classification guidance for classified information needed for this effort is identified below. If any difficulty is encountered in applying this guidance or if any other contributing factor indicates a need for changes in this guidance, the contractor is authorized and encouraged to provide recommended changes; to challenge the guidance or the classification assigned to any information or material furnished or generated under this contract; and to submit any questions for interpretation of this guidance to the official identified below. Pending final decision, the information involved shall be handled and protected at the highest level of classification assigned or recommended.

(Fill in as appropriate for the classified effort. Attach, or forward under separate correspondence, any documents/guides/extracts referenced herein. The field will expand as text is added. When removing any expanded text area, use delete key or backspace key, then click out of the text field for it to shrink after the text has been deleted. Also allows for up to 6 internal reviewers to digitally sign. See instructions for additional guidance or use of the fillable PDF.)

32 Code of Federal Regulations, Part 117, National Industrial Security Program Operating Manual (NISPOM), 24 February 2021, applies.

SECURITY GUIDANCE:

The Contractor will notify the Government Contracting Activity and the Government Security Manager within 48 hours of any incident involving the actual or suspected compromise/loss of classified information to enable the Government to conduct immediate assessment of potential impact pending formal inquiry/investigation. Actual or suspected compromise of Covered Defense Information will be reported IAW DFARS Clause 252.204-7012.

Access to classified information may be required during pre-contract phases, and will be dependent upon each individual task order.

Ref Blk 10e(1), Block12: Public release of Sensitive Compartmented Information (SCI) is NOT authorized.

Ref Blks 10e(1): Contractor requires access to SCI materials; SCI security requirements apply, see 21 IS/INS, SSO WPAFB, SCI Addendum, for details. Access to Joint Worldwide Intelligence Communications System (JWICS) is authorized. Users shall be briefed to NATO Secret IAW the NISPOM, Para 10-706, prior to access.

Ref Blks 10j/11i: The contractor shall comply with DoDI 5200.48, Controlled Unclassified Information; AFMAN 16-1404, volume 1, Operations Support, Information Security Program: Overview, Classification, and Declassification; Air Force Guidance Memorandum 2020-16-01, Air Force Guidance Memorandum for CUI, 23 July 2020; and DoDM 5400.7-Air Force Manual 33 302, DoD Freedom of Information Act (FOIA) Program. The contractor shall monitor CUI aggregation and compilation based on the potential to generate classified information pursuant to security classification guidance addressing the accumulation of unclassified data or information.

Ref Blk 11c: Contractor will reference the appropriate security classification guidance when generating or deriving classified or unclassified information or hardware that is generated or used in the performance of this contract. The contractor shall protect such items and apply derivative classification and markings consistent with the source document. At the termination or expiration of this contract, the AFRL/RQ security (AFRL/RQOS) will be contacted for disposition instructions. Information or hardware generated or received under this contract is not authorized to be used or transferred to any other contractor or effort without the written approval from AFRL/RQ security. SCG will be provided under separate cover.

Ref Blk 11d: The contractor is required to provide adequate and approved storage for classified hardware or material to the level of TOP SECRET which because of size or quantity cannot be safeguarded in an approved storage container.

Ref Blk 11m: Provide the information requested by the Notification for Government Security Activity and Visitor Group Security Agreements clause, Air Force Federal Acquisition Regulation Supplement (AFFARS) 5352.204-9000, to AFRL/RQOS the Servicing Security Activity (SSA), AFRL/RQOS, 2130 8th St, WPAFB, OH 45433.

* AFRL/RQ Security (RQOS) office must approve further disclosure of information covered under this effort, to include subcontracting.

* Upon the end of this effort, the contractor shall contact the AFRL/RQOS for disposition instructions of classified access or material generated or received during this effort.

* This information covered under this effort cannot be transferred or used for another effort to include IRAD, unless express written approval is received from AFRL/RQ PM or AFRL/RQOS.

* Contractor personnel shall utilize US Government or official company email for transmitting official US Government business/ information. US Government information shall NOT be transmitted via personal, private or commercial email or social media accounts (e.g. Hotmail, Gmail, Yahoo, Tik Tok, Facebook etc.). The use of DOD Safe is authorized for unclassified and Controlled Unclassified Information only.

* Contractor personnel are strictly prohibited from referencing this contract, classification, clearances, accesses (SAP/SAR, SCI), in advertisements, websites, capability fliers, promotional efforts or even in retirement notifications of employees.

Program Manager: Jonathan Wyatt, 1st Lt, AFRL/RQHP, (937) 255-1196, jonathan.wyatt.4@us.af.mil

Administrative Contracting Officer: TBD

Security Manager: Lucinda Coleman, AFRL/RQOS, (937) 904-8609, lucinda.coleman@us.af.mil; David Hanson, AFRL/RQOS, (937) 938-4921, david.hanson.17@us.af.mil

List of Attachments (All Files Must be attached Prior to Signing, i.e., for any digital signature on the form)

RQOS- Security Coordination	NAME & TITLE OF REVIEWING OFFICIAL	SIGNATURE
	Dennis Reed Chief of Security, AFRL/RQOS	REED.DENNIS .G.1032466385 Digitally signed by REED.DENNIS.G.1032466385 Date: 2022.10.31 15:12:00 -04'00'
Ref 10e(1) Intelligence Coordination	NAME & TITLE OF REVIEWING OFFICIAL	SIGNATURE
	David Hanson Intelligence Officer, AFRL/RQOS	HANSON.DAVID.L ELAND.1244703905 Digitally signed by HANSON.DAVID.LELAND.1244703905 Date: 2022.10.31 14:54:24 -04'00'

14. ADDITIONAL SECURITY REQUIREMENTS

Requirements, in addition to NISPOM requirements for classified information, are established for this contract.

☐ No ☒ Yes

*If Yes, identify the pertinent contractual clauses in the contract document itself, or provide an appropriate statement which identifies the additional requirements. Provide a copy of the requirements to the CSO. The field will expand as text is added or you can also use item 13. When removing any expanded text area, use delete key or backspace key, then click out of the text field for it to shrink after the text has been deleted.
(See instructions for additional guidance or use of the fillable PDF.)*

Ref Blk 11j: OPSEC requirements apply. See Statement of Work (SOW) for requirements.

Ref Blk 10e(1): SCI security requirements apply, see SCI addendum for details.

15. INSPECTIONS

Elements of this contract are outside the inspection responsibility of the CSO.

☐ No ☒ Yes

If Yes, explain and identify specific areas and government activity responsible for inspections. The field will expand as text is added or you can also use item 13. When removing any expanded text area, use delete key or backspace key, then click out of the text field for it to shrink after the text has been deleted. (See instructions for additional guidance or use of the fillable PDF.)

Ref Blk 11m: Contractor performance will occur at WPAFB. DCSA is relieved of all inspection responsibilities for contractor performance on the installation. AFRL/RQOS will maintain security oversight.

Ref Blk 10e(1): SCI security requirements apply, see SCI addendum (para 13) for details.

16. GOVERNMENT CONTRACTING ACTIVITY (GCA) AND POINT OF CONTACT (POC)

a. GCA NAME AFRL/RQKPB	c. ADDRESS (Include ZIP Code) AFRL/RQKPB 2130 8th Street Wright-Patterson AFB, OH 45433	d. POC NAME Peter Seiley
b. ACTIVITY ADDRESS CODE (AAC) OF THE CONTRACTING OFFICE (See Instructions) FA2391		e. POC TELEPHONE (Include Area Code) +1 (312) 713-9943
		f. EMAIL ADDRESS (See Instructions) peter.seiley@us.af.mil

17. CERTIFICATION AND SIGNATURES

Security requirements stated herein are complete and adequate for safeguarding the classified information to be released or generated under this classified effort. All questions shall be referred to the official named below. Upon digitally signing Item 17h, no changes can be made as the form will be locked.

a. TYPED NAME OF CERTIFYING OFFICIAL (Last, First, Middle Initial) (See Instructions) Seiley, Peter F	d. AAC OF THE CONTRACTING OFFICE (See Instructions) FA2391	h. SIGNATURE SEILEY, PETER.F Digitally signed by SEILEY.PETER.F.1407640256 Date: 2023.05.11 17:04:45 -04'00'
b. TITLE Contracting Officer	e. CAGE CODE OF THE PRIME CONTRACTOR (See Instructions.) .1407640256	
c. ADDRESS (Include ZIP Code) AFRL/RQKPB 2130 8th Street Wright-Patterson AFB, Ohio 45433	f. TELEPHONE (Include Area Code) +1 (312) 713-9943	i. DATE SIGNED (See Instructions) 20230511
	g. EMAIL ADDRESS (See Instructions) peter.seiley@us.af.mil	

18. REQUIRED DISTRIBUTION BY THE CERTIFYING OFFICIAL

☒ a. CONTRACTOR

☐ b. SUBCONTRACTOR

☒ c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR

☐ d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION

☒ e. ADMINISTRATIVE CONTRACTING OFFICER

☒ f. OTHER AS NECESSARY (If more room is needed, continue in Item 13 or on additional page if necessary.)

AFRL/RQOS, 2130 Eighth St, Wright-Patterson AFB OH 45433-7542, Wright-PattersonAFRL/RQOS_All@us.af.mil

Blk 18f: AFRL/RQOS, 2130 8th Street, WPAFB OH 45433, lucinda.coleman@us.af.mil; david.hanson.17@us.af.mil

SECURITY PROGRAM QUESTIONNAIRE

Objective: This questionnaire is used to review the security program and practices of the institutions receiving research funding.

Intended Audience/User: Completed by collaborators; reviewed by S&T Protection Lead.

Date Submitted: _____

Applicant Name: _____

CAGE Code/SCL and level (if applicable): _____

Completed by Name: _____

Position/Title: _____

1. What are your physical security plans?
2. What information security processes are in place?
3. Where will information for this effort be stored? (examples: computers, cloud, file cabinets, etc.)
4. What procedures are in place for transmission/transportation of information for this effort?
5. What procedures are in place for disposal and destruction of information for this effort?
6. What procedures are in place for reproduction of information for this effort?
7. What safeguards are in place for personnel who can access information for this effort?
8. What is the plan for safeguarding GFE/GFI?
9. What procedures are in place for cybersecurity or network protection?
10. What operations security processes are in place to prevent adversaries' access to information for this effort or actions that would compromise your projects?
11. What processes are in place to deter, detect, and mitigate actions of insider threat?
12. What procedures are in place to handle if information for this effort is compromised?
13. Are you willing to provide AFRL S&T Protection training to all personnel with access annually?

Additional comments:

Research and Related Senior and Key Person Profile Worksheet

Profile – Project Director / Principal Investigator

* First Name:	
Middle Name:	
* Last Name:	
Suffix:	
* Position / Title:	
Department:	
* Organization Name:	
Division:	
Phone Number:	
* Email Address:	
LinkedIn Profile:	

* Project Role:	PD / PI
Other Project Role:	

Profile – Senior / Key Person 1

* First Name:	
Middle Name:	
* Last Name:	
Suffix:	
* Position / Title:	
Department:	
* Organization Name:	
Division:	
Phone Number:	
* Email Address:	
LinkedIn Profile:	

* Project Role:	PD / PI
Other Project Role:	

* Required Item

Research and Related Senior / Key Person Profile – FAR-Based Contracts

Profile – Senior / Key Person 2

* First Name:	
Middle Name:	
* Last Name:	
Suffix:	
* Position / Title:	
Department:	
* Organization Name:	
Division:	
Phone Number:	
* Email Address:	
LinkedIn Profile:	

* Project Role:	PD / PI
Other Project Role:	

Profile – Senior / Key Person 3

* First Name:	
Middle Name:	
* Last Name:	
Suffix:	
* Position / Title:	
Department:	
* Organization Name:	
Division:	
Phone Number:	
* Email Address:	
LinkedIn Profile:	

* Project Role:	PD / PI
Other Project Role:	

* Required Item

Research and Related Senior / Key Person Profile – FAR-Based Contracts

Profile – Senior / Key Person 4

* First Name:	
Middle Name:	
* Last Name:	
Suffix:	
* Position / Title:	
Department:	
* Organization Name:	
Division:	
Phone Number:	
* Email Address:	
LinkedIn Profile:	

* Project Role:	PD / PI
Other Project Role:	

Profile – Senior / Key Person 5

* First Name:	
Middle Name:	
* Last Name:	
Suffix:	
* Position / Title:	
Department:	
* Organization Name:	
Division:	
Phone Number:	
* Email Address:	
LinkedIn Profile:	

* Project Role:	PD / PI
Other Project Role:	

* Required Item

Privacy Act Statement
Air Force Research Laboratory

Authority: Government Paperwork Elimination Act (Pub. L. 105-277, 44 U.S.C. 3504); Executive Order 12372, Intergovernmental review of Federal Programs (47 FR 30959); 42 U.S. Code § 6605 – Disclosure of funding sources in applications for Federal research and development awards; Public Law 117-167, CHIPS and Science Act; Public Law 116-92, National Defense Authorization Act for Fiscal Year 2020; Public Law 116-283, National Defense Authorization Act for Fiscal Year 2021; 5 U.S.C. 9101, Access to Criminal History for National Security and Other Purposes 5 CFR §1320.8, Agency collection of information Responsibility; 18 U.S.C. § 1001, False Statements, Concealment; E.O. 13478, Amendments to Executive Order 9397 Related to Federal Use of social Security Numbers; NSPM-33, National Security Presidential Memorandum 33 on National Security for United States Research and Development; DoD-D 5240.01, DoD Intelligence Activities; DoDI 5200.02, Department of Defense Personnel Security Program; DODI 5205.87 Mitigating Risks Related to Foreign Ownership, Control, or Influence for Covered DOD Contractors and Subcontractors; Air Force Research Laboratory Instruction 61-113, Science and Technology Protection for the Air Force Research Laboratory;

Purpose: The information collected may be used in processing, investigating, and maintaining records relevant to Federal Grants, Cooperative Agreements, Contracts, Other Transaction Agreements or other research related agreements awarded by the Department of the Air Force. Records in these systems will be used to ensure Department of the Air Force sponsored and/or awarded federal grants, cooperative agreements, contracts, Other Transaction Agreements and/or benefits are awarded to responsible parties, entities, and individuals.

Routine Uses: To contractors, grantees, experts, consultants, students, and others performing or working on a contract, grant, cooperative agreement, other transaction or other assignment for the Federal Government when necessary to accomplish an agency function.

To the appropriate Federal, State, local, territorial, tribal, foreign, or international law enforcement authority or other appropriate entity where a record, either alone or in conjunction with other information, indicates a violation or potential violation of law, whether criminal, civil, or regulatory in nature.

DoD Blanket Routine Use (<http://dpcl.d.defense.gov/privacy>)

Effect of not providing information: Providing information to the Department of the Air Force is voluntary. However, 42 U.S. Code § 6605, which imposes certain disclosure requirements in connection with Federal research and development awards, provides various enforcement mechanisms for non-compliance to include civil or criminal remedies. One such mechanism, which the Department of the Air Force intends to pursue here, is rejection of such applications.

Proposal Title: _____

Acknowledgment of consent:

Covered individual (Signature): _____ Date: _____

Covered individual (Name print): _____

Institution's Authorized Representative (Signature): _____ Date: _____

Institution's Authorized Representative (Name print): _____

Institution Name: _____