Foundational Technologies Directorate (RE) Multiple Authority Announcement (MAA)
Open Period Solicitation

1.0 Overview Information

Federal Agency Name	Air Force Research Laboratory, AFRL/RE, Foundational Technologies Directorate
MAA Number and Title	FA2394-24-R-B003, Foundational Technologies Directorate (RE) Multiple Authority Announcement (MAA) https://sam.gov/opp/b95ddb585e624e549952112dd61408dd/view
Applicable MAA Technical Area	• Manufacturing and Industrial Technologies
Solicitation Authority	• Federal Acquisition Regulation and its Supplements (FAR(S)) • 10 U.S.C. 4021 - Research projects: Transactions other than contracts & grants (Other Transaction for Research) • 10 U.S.C. 4022 - Authority of the Department of Defense to carry out certain prototype projects (Other Transaction for Prototype) • 10 U.S.C 4023 - Procurement for Experimental Purposes • 32 CFR 22.205 – Grants and Cooperative Agreement
Solicitation Number and Title	Manufacturing Research and Technology Development Open Period, FA2394-26-R-B004
Solicitation Type	This is a two-step Open Period Solicitation
Solicitation Format	This Open Period Solicitation is being issued under MAA FA2394-24-R-B003. Offerors must refer to FA2394-24-R-B003 and any MAA Amendments, which must be read in conjunction with this Open Period Solicitation, **FA2394-26-R-B004**, and any of these Open Period Amendments.
Step 1 White Paper Submission Due Date	**WHITE PAPER DUE DATE AND TIME:** This solicitation is open and effective until **22 June 2031.** White Papers will be considered if received anytime prior to **1600 EST on 22 June 2031. Only white papers are due at this time.** Method: The Air Force requests that electronic white papers be submitted to: Contracting Specialist: Tristan Lyle, AFRL/REZB, tristan.lyle@us.af.mil *Please follow up with confirmation that your white paper has been sent to: Contracting Officer: Elizabeth McNutt, AFRL/REZB, Elizabeth McNutt@us.af.mil Program Manager: Andrew Soine, AFRL/REMD, andrew.soine.1@us.af.mil

Step 2 Proposal Due Date	**PROPOSAL DUE DATE AND TIME:** If a White Paper is considered to meet the needs of the Air Force, the date and time of proposal submission will be included in the formal Request for Proposal.
Anticipated Award Date	Award dates will vary. White papers will be accepted for review through 22 June 2031
Estimated Program Cost	**Total Program Estimated Cost** is $499 Million with multiple awards anticipated. Maximum individual awards are not anticipated to exceed $50 Million.
Anticipated Number of Awards	The Air Force anticipates awarding multiple awards for this announcement. However, the Air Force reserves the right to award zero, one, or more contracts or Other Transactions (OT)s for all, some or none of the solicited effort based on the offeror's ability to perform desired work and funding fluctuations.

Contract/Instrument Types	The Air Force reserves the right to award the instrument best suited to the nature of research proposed, such as any appropriate contract type under the FAR or OT for Prototype, OT for Research, grant, or cooperative agreement. It is anticipated that the awards under this Open Period Solicitation will be Firm Fixed Price (FFP) or Cost Plus Fixed Fee (CPFF) type contracts**.** Cost reimbursement contracts require successful offerors to have an accounting system considered to be adequate for tracking costs applicable to the contract.
Agency Contacts	**Program Engineer:** Andrew Soine, AFRL/REMD, andrew.soine.1@us.af.mil **Contracting Officer:** Elizabeth McNutt, AFRL/REZB, elizabeth.mcnutt@us.af.mil **Contracting Specialist:** Tristan Lyle, AFRL/REZB, tristan.lyle@us.af.mil

Communication Between Prospective Offerors and Government Representatives: Dialogue between prospective offerors and Government representatives is encouraged until submission of proposals. Discussions with any of the points of contact shall not constitute a commitment by the Government to subsequently fund or award any proposed effort. Only Contracting Officers are legally authorized to commit the Government.

2.0 Full Text Announcement

2.1 Program Description:
See Attachment 1 for Statement of Objectives (SOO).

2.2 Areas of Interest/Description of Technical Areas:
The Air Force Research Laboratory, Foundational Technologies Directorate, is soliciting white papers on the following research effort: See Attachment 1. This research effort falls under the following technical areas identified in the MAA: Manufacturing and Industrial Technologies.

2.3 Deliverable Items:
The deliverables under this contract shall include the following:

i. Data Items: Contract Data Requirements List (CDRLs) (DD Form1423-1) for FAR based awards or similar reports for OTs. TBD per solicitation.

ii. Software: Software deliverables to be determined (TBD) based on proposal, if applicable.

iii. Hardware: Hardware deliverables to be determined (TBD) based on proposal, if applicable

iv. Other: Other deliverables to be determined (TBD) based on proposal, if applicable

2.4 Schedule:
i. Period of Performance (PoP): It is anticipated individual award will be between 12 to 40 months with 3 months for reporting period.

2.5 Other Requirements:
a. **Program Security Classification:** This effort may require up to a SECRET facility security clearance and SECRET safeguarding capability. Classification guidance will be incorporated in the DD Form 254. Offerors must verify their Cognizant Security Office information is current with Defense Counterintelligence and Security Agency (DCSA) at www.dcsa.mil

b. **TEMPEST requirements:** Not Applicable.

c. **Export Control:** Information involved in this research may be subject to Export Control (International Traffic in Arms Regulation (ITAR) 22 CFR 120-131, and/or Export Administration Regulations (EAR) 15 CFR 710-774). A certified DD Form 2345, Military Critical Technical Data Agreement, may be required with proposal submission.

d. **Export-Controlled Items**: As prescribed by DFARS 225.7901-4, DFARS 252.225-7048, "Export-Controlled Item (JUN 2013)" is contained in this Open Period Solicitation. This clause shall be contained in all resulting contracts. If Export Control applies, then a Certified DD Form 2345, Militarily Critical Technical Data Agreement, will be required to be submitted with proposal. Only contractors who are registered and certified with the Defense Logistics Agency and have a legitimate business purpose may participate in this solicitation. Contact the U.S./Canada Joint Certification Program Office, Defense Logistics Agency, Logistics Information Services J34, HDI Federal Center, 74 Washington

Avenue N., Battle Creek, Michigan 49037-3084, (1-877-352-2255) or the Joint Certification Program Office (JCO) at JCP-ADMIN@DLA.MIL for further information on the certification process. You must submit a copy of your approved DD Form 2345, Militarily Critical Technical Data Agreement, with your proposal, if required by the solicitation.

e. **Contractor Performance Assessment Reporting System (CPARS):** May apply to FAR-based awards resulting from this Solicitation. See RX MAA Industry Guide, Chapter 6 for additional details. https://sam.gov/opp/b95ddb585e624e549952112dd61408dd/view

2.6 Science and Technology (S&T) Protection:
See Attachment 7: Solicitation Language for Security Risk Review – AFRLI 61-113. However, the Government may require the offeror to submit additional information &/or a 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 & does not provide adequate protection of S&T information, the Government may reject the proposal & withdraw it from consideration for award.

2.7 Other Information:

2.7.1 Government Furnished Property (GFP) Availability:
GFP is not anticipated to be made available under any resulting contract, grant, or agreement, but a determination regarding GFP will be made for each award if requested or determined required. All GFP items will be returned to the government upon contract completion.

2.7.2 Base Support/ Network Access:
Base Support is not anticipated.

2.7.3 Multiple awards subject to Fair Opportunity:
Not anticipated.

2.7.4 Data Rights Desired:
(1) Other Than Commercial Technical Data: Unlimited Rights
(2) Other Than Commercial Computer Software: Unlimited Rights
(3) Other Than Commercial Software Documentation: Unlimited Rights
(4) Commercial Computer Software: Customary Commercial License consistent with Federal statutes and regulations

*See, RE MAA Industry Guide paragraph 3, for more information on desired data rights. https://sam.gov/opp/b95ddb585e624e549952112dd61408dd/view

3.0 Award Information

3.1 Anticipated Award Date: Award dates will vary. White papers will be accepted for review through 22 June 2031.

3.2 Anticipated funding:

1. Anticipated Funding: The funding profile is an estimate only and not a contractual obligation for funding. All funding is subject to change due to Government discretion and availability. Potential offerors should be aware that due to unanticipated budget fluctuations funding in any or all areas may change with little or no notice.

2. Notice to Offeror(s)/Supplier(s); 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, 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.

Listed in K's	FY 26	FY 27	FY 28	FY 29	FY 30	Total $M
Total Amount	$100M	$100M	$100M	$100M	$99M	$499M

4.0 Eligibility Offeror:
This is an unrestricted Open Period Solicitation. Small businesses are encouraged to propose.

4.1 Cost Sharing or Matching:
TBD per solicitation.

4.2 Other:

4.2.1 Foreign Participation:
Notice to Foreign-Owned Firms: Such firms are asked to immediately notify the Contracting Officer before deciding to respond to this announcement. Foreign contractors should be aware that restrictions might apply which could preclude their participation in this acquisition.

5.0 White Paper / Proposal and Submission Information:
See RE MAA Industry Guide Chapter 4. The White Paper shall be limited to 5 pages.

6.0 White Paper / Proposal Review Information:
See RE MAA Industry Guide Chapter 5.

7.0 Award Administration Information:

7.1 Reporting:
See Paragraph 2.3 Deliverable Items.

8.0 Other Information

8.1 Acquisition of Commercial Items:
Based upon market research, the Government is not using the policies contained in Part 12, Acquisition of Commercial Items, in this solicitation. However, interested offerors may identify to the Contracting Officer their interest and capability to satisfy the Government's requirement with a commercial item within 15 days of this notice.

ATTACHMENTS

1. Statement of Objectives
2. Draft SOW Supplemental Requirements
3. AFRL American National Standards Institute (ANSI) / National Information Standards Organization (NISO)-Based Guide to Formatting Technical Reports
4. Report Documentation Page, SF 298
5. DRAFT Contract CLINs and Clauses
6. Draft OT Articles
7. Solicitation Language for Security Risk Review – AFRLI 61-113
8. SF 424 – Research and Related Senior and Key Person
9. Worksheet – Research and Related Senior and Key Person
10. Security Program Questionnaire
11. Privacy Act Statement