*Instructions: Delete all instructions and guidelines written in blue type prior to submitting your proposal. All proposals are limited to a maximum of 4 pages (1 page: cover page; 2 pages: proposed science research; 1 page: resource requirements table). You must use 1-inch margins and 12-point standard font (Times or Arial). Please adhere to the following file naming scheme when submitting your ARIA proposal: ARIA24\_PI Last Name\_ShortProposalName. Submit document in* ***Microsoft Word*****AND*****PDF*** *format to:* [*jacob.cohen-1@nasa.gov*](mailto:jacob.cohen-1@nasa.gov) *with “PI Last Name\_FY24 ARIA Submission” in the subject line* ***no later than 5 p.m. (PDT) on April 9, 2024****.*

***Proposals that exceed the page limit or do not follow the prescribed format will not be reviwed.***

**FY24 Ames Research Innovation Award (ARIA) PROPOSAL**

**SECTION A: COVER PAGE** *(1-Page limit)*

**PROPOSAL TITLE:**

**PRINCIPAL INVESTIGATOR:**

* *Name, Email Address and Phone Number. \*P.I. must be an Ames civil servant.*

**PI ORGANIZATION CODE:**

* *(e.g. Code T, Exploration Technology Directorate)*

**CO-INVESTIGATOR(S):**

* *Name, Affiliation, Email Address and Phone Number*

**Partner: Partner Role:**

|  |  |
| --- | --- |
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**MANAGEMENT APPROVAL BY:**

* *Name, Email Address and Phone Number*
* *Paste message from line management (branch chief or higher) confirming they sign off on this proposal.*

**AMES CORE COMPETENCY**

*Please indicate which* ***one*** *of the Ames Core Competencies your proposal addresses.*

* *Advanced Computing and IT Systems*
* *Intelligent Adaptive Human & Robotic Systems*
* *Aerosciences*
* *End-to-End Low Cost Aerospace Missions*
* *Space, Earth, and Life Sciences*
* *Astrobiology*
* *Air Traffic Management*
* *Entry, Decent, and Landing Systems*
* *Crosscutting, please specify:*

**BUDGET:**

**Total Procurement Request ($K):** *Note: There is no allocation for FTE*

**SECTION B: PROPOSED SCIENCE RESEARCH (2-page limit)**

**SPECIFIC AIMS/OBJECTIVE:**

*State the research hypothesis/question/problem to be addressed.*

**BACKGROUND**

*Briefly describe the current state-of-knowledge in the proposed field of research, focus on the specific sub-field(s) relevant to the proposed research.*

**PROPOSED RESEARCH:**

*Describe the proposed research design, data collection, analysis and expected results.*

**RESEARCH PRODUCT/DELIVERABLES**

*Although it is understood that research does not always have a deterministic outcome, clearly describe/outline the predicted end-point of your research within the proposed period of**performance. What will be produced? All proposals must include a clear work plan that lists explicit milestone(s) and/or deliverable(s) for this year.*

**SUCCESS CRITERIA**

*State expected results and interpretation of negative results.*

**INNOVATION STATEMENT**

*How is your proposed research approach innovative? How will the research findings from this proposal will advance the current state of knowledge?*

**RELEVANCE AND VALUE TO AMES AND NASA**

*Describe the relevance and value of the proposed research to Ames and the Agency. How does the proposed research directly support advancing the strategic direction of Ames and the Agency? See the* ***2022 NASA Strategic Plan*** *and* ***Ames Core Competencies****.*

**SCIENCE READINESS LEVEL:**

*State the stage of the investigation in your lab (proposed, no work done, preliminary data, hardware, etc.).*

**FUTURE PROSPECTS**

*Describe the future NASA research programs/projects/missions and/or funding opportunities that can be targeted upon completion of the proposed investigation. What are the prospects for future funding?*

**SECTION C: Resource Requirements Table (1-page limit)**

*No FTE or travel funds are allocated for the ARIA*

|  |  |  |
| --- | --- | --- |
| **Procurement ($)** | | |
| **Item** | **Vendor** | **Dollars** |
|  |  |  |
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|  |  |  |
| **Contributions (not included in the total ARIA resource request)** | | |
| **Contribution Description** | **Contribution Source** | **Equivalent $** |
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