Overview of NF4 AO Process

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Pre-Proposal Conference for NF4 AO
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NF4 Draft AO

• A draft of the NF4 AO was released in Aug. 2016.
• 52 days provided for comment period.
• 46 unique comments were received and considered when finalizing the AO
• NASA’s response to each comment is posted at the acquisition website (https://newfrontiers.larc.nasa.gov/PDF_FILES/NASA-response-to-comments.pdf)
Basic Solicitation Facts

• The NF4 AO solicits PI-led scientific investigations requiring implementation and operation of a complete spaceflight mission.
  – The NF4 AO closely follows the updated Standard AO and the Discovery 14 AO. There are major changes from the NF3 AO released in 2009;
  – PI-Managed Mission Cost (PMMC) cap of $850M (FY15$) for phases A-D;
  – Foreign contributions may not exceed one-third of the PMMC, and the value of foreign contributions to the science payload may not exceed one-third of the total payload cost;
  – MMRTGs and RHUs are available and paid for under the PMMC;
  – Some technologies are incentivized; and
  – Launch readiness date of 2025.
Overview of PEA Process

• This is a two-step solicitation
  – Step 1 is the solicitation, submission, evaluation, and selection of proposals prepared in response to this AO. Outcome of the first step is the selection of approximately three Step-1 proposals to proceed to Step 2.
  – Step 2 is the conduct of NASA-funded Phase A concept studies and the preparation, submission, evaluation, and continuation decision (downselection) of the Concept Study Reports.
  – As the outcome of Step 2, NASA intends to continue up to one investigation into the subsequent phases of mission development for flight and operations.

• NOIs are mandatory and due at 11:59 pm tonight.
  – You must submit an NOI, even if incomplete, by that deadline.
  – Send updates via email to Curt Niebur at curt.niebur@nasa.gov.
  – If your NOI is incomplete I would appreciate receiving the missing information within the next two weeks.
NF4 AO Process Flowchart

**Step 1**

- **NF4 AO Released**: Dec. 9, 2017
- **Proposals Submitted**: April 28, 2017
- **Science Evaluation**: November 2017 (target)
- **Selection of ~3 proposals**: Clarification of PMWs will be done for both

**Step 2**

- **CSR Submissions**: December 2018 (target)
- **Science Evaluation**: Clarification of PMWs will be done for both
- **Step-2 Selection of 1 investigations**: July 2019 (target)
- **Subsequent flight phases**
# Key Dates

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>AO released</td>
<td>December 9, 2017</td>
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<tr>
<td>Notices of Intent due (mandatory)</td>
<td>January 20, 2017</td>
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<tr>
<td>Proposals due</td>
<td>April 28, 2017</td>
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<tr>
<td>Proposal CD-ROMs due</td>
<td>May 5, 2017</td>
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<tr>
<td>Step-1 Selections announced</td>
<td>November 2017</td>
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<tr>
<td>Phase A study period</td>
<td>Dec. 2017-Dec. 2018</td>
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<tr>
<td>Concept Study Report due</td>
<td>Dec. 2018</td>
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<tr>
<td>Downselection</td>
<td>July 2019</td>
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<tr>
<td>KDP B</td>
<td>Approx. 3-6 months after downselection</td>
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Questions?

Image of Jupiter acquired by the JunoCam instrument on Juno.