



EXAMPLE PRELIMINARY PROPOSAL FORM

In the summer of 2011, NASA selected CASIS, a nonprofit organization, to maximize use of the International Space Station U.S. National Laboratory for improving life on Earth. While NASA continues to support ISS research to advance space exploration goals, the ISS National Lab space managed by CASIS is focused on research and technology development with ground benefits: exploiting the space environment to advance basic science and translational research with commercial application for the improvement of life on Earth. CASIS facilitates use of the ISS National Lab by non-NASA U.S. government agencies and by academic and private institutions, providing access to the laboratory's permanent microgravity setting and vantage point in low Earth orbit as well as the varied environments of space.

The form included below is an example of the Preliminary Proposal Form and is not for submission. All Preliminary proposals must be submitted through the CASIS website. Please complete the online form to submit the preliminary proposal submission process. All fields are required unless marked as "optional." Do not include confidential or proprietary information.

Project Title	_____
Principal Investigator	_____
Phone	_____
Email	_____
Address	_____
Entity Name	_____
Entity Location	_____

*Note: Non-U.S. entities must have a U.S.-based partner to submit a proposal. **CASIS cannot consider projects using only non-U.S. sponsorship.***

I. GENERAL INFORMATION

Hypothesis

Clearly state the hypothesis. If the project is hardware development or technology demonstration, a short statement of objective is appropriate.

Key words (for indexing purposes)

1. _____
2. _____
3. _____
4. _____
5. _____

Team Members

- | | |
|----------------------|--------------|
| 1. Name, Title _____ | Entity _____ |
| 2. Name, Title _____ | Entity _____ |
| 3. Name, Title _____ | Entity _____ |
| 4. Name, Title _____ | Entity _____ |

Does your team include any NASA employees? Yes ☐ No ☐

Note: As described in Section 2.6, CASIS/NSF cannot award funding to NASA employees.

Does your team include any international collaborators? Yes ☐ No ☐

If so, please list: Entity _____ Role _____

Commercial Partners

- | | |
|-----------------------|------------------------|
| 1. Organization _____ | Point of Contact _____ |
| 2. Organization _____ | Point of Contact _____ |
| 3. Organization _____ | Point of Contact _____ |
| 4. Organization _____ | Point of Contact _____ |

Has this proposal previously been reviewed by another funding agency? Yes ☐ No ☐

If so, please list the agency and attach the previous review: _____

Have you previously submitted a proposal to CASIS? Yes ☐ No ☐

Estimated Project Timeline in Months from Award Selection

Preflight development and testing _____ months

Time to flight _____ months

Time to completion _____ months

Proposed Implementation Partner _____ (optional)

II. COMMERCIAL RELEVANCE

This section should describe the potential influence of the project on specific commercial sectors.

Downstream Applications

What are the potential downstream commercial Earth applications of your project? If the research project addresses primarily fundamental science questions, explain the importance of the project toward knowledge advancement in applicable fields and the long-term path/timeline to a tangible product, healthcare advancement, or intangible benefit to the U.S. population.

Estimated Time to Market _____ (optional)
(i.e., time for research to translate into commercial application)

List Relevant Commercial Sectors	Estimate Addressable Market Size

III. PROJECT DETAILS

Does this submission include proprietary information? Yes ☐ No ☐

Note: Preliminary proposal submissions containing confidential or proprietary information will not be accepted.

Is the project ground-based or space-based? Ground ☐ Space ☐

Necessity of the National Lab

If the project is space-based, why does your project require the ISS National Lab? Clearly state why the space environment is necessary and/or superior to a ground-based approach.

If the project is ground-based, how does your project enable and/or enhance utilization of the ISS National Lab?

Responsiveness to Solicitation

Please be succinct: Describe why your project is responsive to the solicitation; in this case, briefly state why your project enables future ISS National Lab research.

Required Materials/Hardware

List any materials/hardware that must be flown to the ISS in order to complete the project.

Earth Benefits

What is the relevance of the proposed space-based research to ground applications (e.g., healthcare advancements, commercial product development—in agreement with the CASIS mission to use the ISS National Lab for benefits to life on Earth)?

Please be succinct: This may overlap somewhat with Section II. ***Reminder: Projects enabling space exploration goals are not supported by CASIS, and will be considered unresponsive to this solicitation.***

Project Summary

1000 words maximum.

Please describe the proposed project. An abstract and specific aims are appropriate, but alternate formatting/organization is also acceptable.