



EXAMPLE FEASIBILITY REVIEW FORM

The form is an example of the Feasibility Review Form and is not for submission. All Feasibility Review Forms must be completed through the CASIS website via:

<http://www.iss-casis.org/Opportunities/Solicitations/Combustion/Instructions.aspx>

All fields are required

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: 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

Please discuss the commercial relevance by addressing the four (4) areas below:

1. Economic Benefit:

Describe any commercial or economic benefit your project is anticipated to bring to your company or organization. Please also describe broader economic impacts including: application areas – primary and secondary, markets and market impact, and revenue potential for near and long-term. Include market size, desired market share, and anticipated revenue estimates.

2. Innovation:

Explain how the project challenges and seeks to shift current research and development paradigms. Describe any new theoretical concepts, approaches, or instrumentation to be developed or used, as well as any advantage over existing methods and instrumentation. Specifically, will your project have outcomes focused on: new knowledge/tools/methods, provide a research leadership position, or provide a critical solution where there is little existing focus.

3. Benefit to Humankind and Social Impact:

It is important that projects conducted on the ISS National Lab provide a benefit to Earth. Consider and describe how your project builds enduring capability for the nation, is a catalyst for other like-minded endeavors, and/or saves lives, prevents injury and contributes to improved quality of life on Earth. Provide numerical estimates and/or goals, if possible.

4. Feasibility:

Is the project fully resourced? Has your company or organization or any partners (other than CASIS and NASA) committed a meaningful amount of the necessary project funding? Do you require support from CASIS to obtain additional funding? Assuming success of your project, do you or any of your funding partners have the resources or experience to help commercialize the results?

III. PROJECT DETAILS

Does this submission include proprietary information? Yes No

Note: Preliminary Review Form 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.