



ISS NATIONAL LABORATORY®
CENTER FOR THE ADVANCEMENT OF SCIENCE IN SPACE®

**INFORMATION REQUESTED FOR THE ONLINE STEP 2: FULL PROPOSAL FORM
FOR THE ORBITAL EDGE ACCLERATOR 2025**

Proposals must be submitted electronically using the online proposal portal. This document lists the information requested on the online proposal form. Offerors are advised to work offline using the information contained in this document as a reference before entering information in the online form. Offerors must complete all sections of the online proposal form. Required information is indicated with a “Yes” in the “Required” column.

Information Requested	Required?	Description
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APPLICANT INFORMATION		
Principal investigator (PI)	Yes	List a single principal investigator (PI) who is a U.S. person that will be responsible to the offeror’s organization for the scientific and technical direction of the project. CASIS can only accept proposals from and award projects to U.S. persons (as defined below). The offeror may have non-U.S. persons on the team as subcontractors or participants, but the offeror’s organization (or entity), the PI, and the co-PI must all qualify as U.S. persons.
PI email	Yes	Provide the email address of the PI. An email address is required to submit a Step 2: Full Proposal.
PI phone	Yes	Provide the PI’s telephone number.
PI position/title	No	Provide the PI’s position or title.
PI citizenship status	Yes	A U.S. person is a natural person who is a lawful permanent resident as defined in 8 U.S.C. 1101(a)(20) or who is a protected individual as defined by 8 U.S.C. 1324b(a)(3). It also means any corporation, business association, partnership, society, trust, or any other entity, organization, or group that is incorporated to do business in the U.S. It also includes any governmental (federal, state, or local) entity.

Information Requested	Required?	Description
Country of citizenship	Yes	Select the PI's country of citizenship. If dual citizenship is held by the PI, please indicate the non-US country.
Contract manager	Yes	Provide the name of the contract manager.
Contract manager email	Yes	Provide the email address of the contract manager.
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ORGANIZATIONAL INFORMATION		
Organization legal name	Yes	Provide the name of the institution/organization at which the PI is employed.
Organization registration	Yes	Choices: U.S. Entity, Non-U.S. Entity
Organization type		Choices: Commercial, Academic, Government, Nonprofit
Organization address	Yes	Provide the address of the institution/organization.
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PROPOSAL SUBMISSION		
Title of project	Yes	Provide a title for the proposed project. (255-character limit)
Brief project description	Yes	In clear and concise layman's terms, provide up to three sentences that summarize the project. This description is for potential use in ISS National Lab and NASA external communications with the public and media. Do not use acronyms, jargon, abbreviations, or any proper names (including the name of the business/organization, or any trade or product name) in this brief project summary. (500-character limit)
Key words	Yes	Enter the most relevant words that describe the proposed project. (255-character limit)
Project objectives	Yes	In one or two paragraphs, describe the technology advancement being addressed. State the main research or technology development question and the goal of the project, then describe the project objectives. Be sure to address the project relevancy to the ISS National Lab mission, why the proposed work requires microgravity or the space environment, and whether the project builds on prior ISS research. (1,400-character limit)

Information Requested	Required?	Description
Rationale for the ISS	Yes	Clearly describe where gravity is impeding progress on Earth, where space has been shown to produce relevant superior outcomes, and what properties are sought from in-orbit development. (1,000-character limit)
Commercial applications and other Earth benefits	Yes	Summarize anticipated project outcomes and their terrestrial value. Describe how successful results would contribute to potential future commercial applications and/or public benefits, noting the market size or projected reach. Identify the organization that will commercialize the resulting product and/or application and describe how the commercialization efforts will be funded. Please cite the sources for any market size numbers, market value, population affected, or other statistics. (1,400-character limit)
Suppliers of support and/or commitment letters		If the offeror has received letters of commercial support or letters of commitment from collaborators, list the names of those organizations (or individuals) here. The offeror must attach the letters of support to the main proposal pdf.
Implementation Partner	Yes	If a flight project is proposed, identify the Implementation Partner the offeror has selected for the project.
Describe if other Implementation Partner		Enter the name of any Implementation Partner not listed above who is involved in the proposed project.
Does this proposal contain information and/or data that is subject to Export Administration Regulations (EAR)? (If yes, provide the ECCN in the follow-up question)	Yes	U.S. export control laws and regulations include, but are not limited to, the requirements of the Arms Export Control Act, 22 U.S.C.2751- 2799, including the International Traffic in Arms Regulation (ITAR), 22 C.F.R. 120-130.; and the Export Administration Act, 50 U.S.C. app. 2401-2420, including the Export Administration Regulations, 15 C.F.R. 730-774; including the requirement for obtaining any export license or other approval.
Provide the Export Control Classification Number (ECCN)	Yes, if selected	If the answer to the above question was yes, provide the Export Control Classification Number. The ECCN is a five-character alphanumeric key used to classify U.S. exports. By selecting “Yes,” the

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		offeror must ensure all pages of this proposal are properly annotated.
Does this proposal contain information and/or data that is subject to the International Traffic in Arms Regulations (ITAR)? (If yes, provide the USML Category in the follow-up question)	Yes	U.S. export control laws and regulations include, but are not limited to, the requirements of the Arms Export Control Act, 22 U.S.C.2751- 2799, including but not limited to the International Traffic in Arms Regulation (ITAR), 22 C.F.R. 120-130.
Provide the United States Munitions List (USML) category	Yes, if selected	If the answer to the above question was yes, provide the United States Munitions List (USML) Category (85 FR 4136) for the product. (Dropdown of categories will be listed.)
Total project budget (\$)	Yes	Provide the total cost of the project. This number will be the total for Total All Sources (Cell G49) in the Budget Summary tab of the budget template completed by the offeror.
Attach the project budget (as one Excel file)	Yes	The project budget must be submitted as an Excel file and must follow the same format as the budget template provided. See the Budget Section of the solicitation proposal instructions for details.
Attach the proposal with affixed <u>signed</u> cover page and include all required attachments not already uploaded above. Submit proposal and all remaining attachments as one PDF.)	Yes	Required attachments to the proposal uploaded together as one file are: the cover page template, biographical sketch, literature cited, Preliminary Experiment Requirements Document (P-ERD), Implementation Partner Statement of Work, and Data Management Plan. Additional proposal attachments to append to the PDF file may include letters of support and supporting plans and technical data.
Additional applicant comments	No	In the space provided, enter any necessary comments pertaining to the proposal submission. (1,400-character limit)