



Exploring NASA SBIR Opportunities: Key Insights for Small Businesses

Understanding the NASA SBIR process and aligning your efforts with program goals is key to success. Here's what you need to know about the Fiscal Year 2025 NASA SBIR Phase I solicitation.

What is the NASA SBIR Program?

Phase I: Proposals are capped at \$150,000 and have a 6-month (SBIR) and 13-month (STTR) performance period.

NASA provides access to its extensive technology portfolios and facilitates post-award opportunities to enhance commercialization.

Key Updates for FY 2025

The 2025 solicitation introduces several important changes:

- The maximum number of submissions per firm has been reduced to five, and no more than three awards will be granted to a single firm.
- Technical proposals are now capped at 15 pages, down from 19.
- Updated evaluation criteria emphasize innovation, technical merit, and alignment with NASA's goals.

Proposals are due by **March 10, 2024, at 5:00 p.m. ET**, and must be submitted through NASA's Proposal Submissions and Award Management System (ProSAMS).

Choose the Right Subtopic: Review NASA's research subtopics to align your proposal with mission priorities.

Selecting the Right Subtopic

NASA's FY 2025 SBIR Phase I solicitation provides a wide range of **research subtopics** aligned with the mission directorates and technology priorities. These subtopics span diverse areas such as:

1. **Space Technology Development:** Innovations in propulsion systems, robotics, advanced manufacturing, and autonomous systems for space exploration.
2. **Earth Science and Climate Research:** Tools and technologies for environmental monitoring, data analysis, and climate modeling.
3. **Aerospace Systems:** Advances in aeronautics, including sustainable aviation technologies and vehicle performance optimization.
4. **Human Exploration and Operations:** Technologies to support human missions, such as life support systems, habitat development, and crew health monitoring.
5. **Data and Artificial Intelligence:** AI-driven systems for autonomous decision-making, scientific data processing, and mission operations.



When choosing a subtopic, align your proposal with NASA's strategic goals and current challenges. Use Chapter 9 of the solicitation, which details subtopics by mission directorates, to identify opportunities that match your expertise and innovation. Proposals must be specific to one subtopic, as NASA will not reassign proposals to a different category.

Resources for Applicants

- **Technical and Business Assistance (TAB A):** Request up to \$6,500 for commercialization support in Phase I.
- **NASA I-Corps:** Join a program to refine your market strategy and de-risk your technology.
- **NASA Technology Transfer Portal:** Access over 1,400 patents and software tools.
- **BBCetc:** Proposal assistance and Resource Toolkit

Final Tips

- **Start Early:** Registration processes, especially with SAM.gov, can take weeks.
- **Stay Compliant:** Ensure all certifications and forms are complete and accurate.

With careful planning and a compelling proposal, the NASA SBIR program can be your gateway to transformative opportunities. Don't miss your chance to collaborate with NASA and turn your innovation into reality!

For full details, refer to the FY 2025 NASA SBIR/STTR Phase I solicitation [here](#).