



**National Aeronautics and Space Administration (NASA)
Small Business Innovation Research (SBIR) Ignite Solicitation**

PROPOSAL ABSTRACT

The technical abstract is used to determine if a proposal is responsive to the topic. Failure to adequately communicate how the proposal relates to the technical need posed in the topic could result in the proposal being “screened” as non-responsive.

The Proposal Abstract, including the Technical Abstract, is public information and may be disclosed. Do not include proprietary or ITAR restricted information in this form.

Estimated Technology Readiness Level (TRL)

For TRL descriptions, see Appendix A of the 2022 Ignite solicitation.

Starting TRL

End TRL

Duration (in months)

Note: SBIR Phase I maximum period of performance is 6 months.

Technical Abstract

Potential NASA Applications

Potential Non-NASA Applications

What does this proposal address?

Ideation:

- These proposed technologies have a new approach or alternative solution to a general NASA strategy or technology area defined by NASA science or engineering drivers in the topic. These could be considered an alternative mission/application approach.
- A "technology push" may be needed to get them adopted.

Market Stimulation:

- Proposed technologies would be embraced primarily by the commercial/private sector in applications beyond NASA markets. NASA is not necessarily the primary customer, but is a potential or indirect customer.
- Technologies may result in a new market or enhance/transform existing or stalled markets.
- This may also be an element or side benefit of a proposal where Ideation or Point Solution is primary classification.

Point Solution:

- These proposed technologies are a solution to a specific NASA need/challenge defined in the topic. Technologies should have a clear infusion path and particular application(s) to NASA.
- A "technology pull" exists.

Ideation

Market Stimulation

Point Solution