

NOAA SBIR Phase I Cover Page

NOFO No.: NOAA-OAR-TPO-2024-2008184 Closing Date: December 20, 2023

Name of Submitting Firm:

Address of Firm (including Zip Code +4):

Title of Proposed Project:

Requested Amount: Proposed Duration: NOFO Topic No.:

NOFO Topic Title:

THE ABOVE ORGANIZATION CERTIFIES THAT:

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| 1. It is a small business firm as defined in this NOFO. | Yes | No |
| 2. The primary employment of the principal investigator will be with the firm at the time of award and during the conduct of the research. | Yes | No |
| 3. A minimum of 2/3 for Phase I and 1/2 for Phase II of research will be performed by this firm. | Yes | No |
| 4. It qualifies as a minority and disadvantaged small business as defined in this NOFO | Yes | No |
| 5. It qualifies as a woman-owned small business as defined in this NOFO | Yes | No |
| 6. Will all work on project be performed in the United States | Yes | No |
| 7. Will all supplies, equipment and materials used, leased and/or purchased in the U.S. | Yes | No |
| 8. It will permit the government to disclose contact information of the corporate official of your concern, if your proposal does not result in an award, to appropriate local and State-level economic development organizations that may be interested in contacting you for further information. | Yes | No |
| 9. Will this project consist of Manufacturing-Related R&D? | Yes | No |
| 10. Will this project produce any Energy Efficiency or Renewable energy system R&D? | Yes | No |
| 11. It authorizes contact information and project title to be provided to the NIST Manufacturing Extension Partnership (MEP) Program after awards have been announced. | Yes | No |
| 12. This firm and/or Principal Investigator has / has not submitted proposals for essentially equivalent work under other federal program NOFOs, or has / has not received other federal awards for essentially equivalent work. | | |
| 13. The applicant and/or any of its principals are / are not presently debarred, suspended, proposed for debarment, or declared ineligible for procurement and nonprocurement transactions (FAR subpart 9.4 or 2 C.F.R. Part 180) by any Federal agency; and have / have not within a three-year period preceding this application, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, state or local government contract or subcontract or financial assistance award; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and are / are not presently indicted for, or otherwise criminally or civilly charged by a Government entity with, commission of any of these offenses. | | |
| 14. It is a veteran-owned small business concern. | Yes | No |
| a. It is a service-disabled veteran-owned small business concern. | Yes | No |

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|--|-----|----|
| 15. It is a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office of ownership or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR Part 126 | Yes | No |
| 16. Does this application include subcontracts, or other cost or no cost collaborations with Federal Laboratories or any Federal Agencies? If yes, insert the names of the Federal Laboratories/Agencies. | Yes | No |
| 17. Is your small business majority owned by Venture Capital operating companies, Hedge Funds, or Private Equity Funds? | Yes | No |
| 18. The company has completed the Fraud, Waste, and Abuse training available on http://techpartnerships.noaa.gov/SBIR.aspx and attached the completed certification page. | Yes | No |

PRINCIPAL INVESTIGATOR

Name: _____ Title: _____ Day Telephone No.: _____
 Signature & Date: _____ Email: _____ Address: _____

CORPORATE OFFICIAL (BUSINESS)

Name: _____ Title: _____ Day Telephone No.: _____
 Signature & Date: _____ Email: _____ Address: _____

OTHER INFORMATION

Year Firm Founded _____ Number of Employees: Avg. Previous 12 mos. _____ Currently _____
 Has a proposal for essentially equivalent work been submitted to another agency? Yes _____ No _____
 If yes, what Agency? _____
 Is your company registered in SAM? Yes _____ No _____
 Taxpayer Identification Number: _____
 Unique Entity ID (UEI): _____

PROPRIETARY NOTICE

This proposal contains information that shall not be disclosed outside the Federal Government and shall not be duplicated, used, or disclosed in whole or in part for any purpose other than evaluation of this proposal, unless otherwise authorized by law. If an award is made to this applicant as a result of or in connection with the submission of this proposal, the Government shall have the right to duplicate, use, or disclose the proprietary information to the extent provided in the resulting award and pursuant to applicable law. This restriction does not limit the Government's right to use information contained in the proposal if it is obtained from another source without restriction. The information subject to this restriction is contained on pages _____ of this proposal.

Project Abstract

Applicants are required to include a one-page project summary of the proposed R/R&D including at least the following:

- (1) Name and complete address of SBC;
- (2) Name and title of Principal Investigator;
- (3) Participating Agency name, Program Solicitation number, and Program Solicitation topic;
- (4) Title of project;
- (5) Technical abstract limited to two hundred words; and/or
- (6) Summary of the anticipated results and implications of the approach and the potential commercial applications of the research limited to 200 words.

Commented [MT1]: 3rd page of proposal package

Technical Content

(a) **Identification and Significance of the Problem or Opportunity**

Commented [DM2]: Provide a clear statement of the specific research problem or opportunity addressed, its innovativeness, commercial potential, and explanation of importance. Explain how it applies to a specific topic in Section 9 of the solicitation and fulfills the NOAA mission.

(b) **Phase I Technical Objectives**

Commented [DM3]: State the specific objectives of the Phase I research and development effort, including the technical questions it will try to answer, to determine the feasibility of the proposed approach.

(c) **Phase I Work Plan**

Commented [DM4]: Include a detailed description of the Phase I feasibility research plan. The plan should indicate what will be done, where it will be done, and how the research will be carried out. The method(s) planned to achieve each objective or task should be discussed in detail.

(d) **Related R/R&D**

(e) **Key Individuals and Bibliography of Related Work**

Commented [DM5]: Describe previous significant R/R&D efforts that are directly related to the application, including any prior research conducted by the PI or the proposing SBC. Describe how the R/R&D relates to the proposed effort, and include any planned coordination with outside sources. The applicant must persuade evaluators of his or her awareness of key, recent R/R&D conducted by others in the specific topic area.

(f) **Relationship with Future R/R&D**

(g) **Facilities and Equipment**

Commented [DM6]: Identify key individuals involved in Phase I, including their related education, experience, and publications. Where vitae are extensive, summaries that ...

(h) **Consultants, Contracts, and Sub-awards**

(i) **Potential Commercial Application**

Commented [DM7]: Discuss the significance of the Phase I effort in providing a foundation for the Phase II R/R&D ...

(j) **Cooperative Research and Development Agreements (CRADA)**

Commented [DM8]: A detailed description, availability, and location of instrumentation and physical facilities proposed for Phase I should be provided.

(k) **Guest Researcher**

Commented [DM9]: The purpose of this section is to show that any third-party research assistance would materially benefit the proposed effort and that ...

(l) **Cost Sharing**

Commented [DM10]: Describe in detail the commercial potential of the proposed research, how commercialization would be pursued, and how the ...

(m) **Similar Applications or Awards**

Commented [DM11]: State if the applicant is a current CRADA partner with NOAA, or with any other Federal agency, naming the agency, title of the CRADA, and any ...

(n) **Prior SBIR Phase II Awards**

Commented [DM12]: State if the applicant or any of its consultants or subcontractors is a guest researcher at NOAA, naming the sponsoring laboratory.

Commented [DM13]: Cost sharing is not required and is not considered during the evaluation process for Phase I applications. Cost sharing or matching funds are not to be ...

Commented [DM14]: WARNING -- While it is permissible to submit identical applications or applications containing a significant amount of ...

Commented [DM15]: If the SBC has received more than 15 Phase II awards in the prior 5 fiscal years, the SBC must submit the following information in its Phase I application ...