



Submitting a SBIR/STTR Phase I Proposal in FastLane

The Phase I SBIR solicitation and STTR solicitation explain what information should go into the proposal. The following steps will walk through the process of submitting a proposal into FastLane, NSF's electronic submission system. Remember to submit your proposal early. Fastlane will not accept proposals after 5:00 pm (submitter's time as registered in FastLane).

ADA & 508 Compliance Assistance - Please Call the FastLane Help Desk at 1-800-673-6188.

1. Application Overview

Do you have the required registrations?

Complete four required registrations as you begin putting a proposal together. *It is imperative that you register your company and enter all information identically in all systems to avoid processing delays later.*

[Dun and Bradstreet Data Universal Numbering System \(DUNS\)](#) 

[System for Award Management \(SAM\)](#) 

[Small Business Administration \(SBA\) Company Registry](#) 

[NSF FastLane](#)  - register company and Principal Investigator (PI)

Formatting Instructions

As a reminder, any documents uploaded into FastLane should follow the formatting rules:

- Arial, Courier New, or Palatino Linotype at a font size 10 or larger should be used; or
- Times New Roman or Computer Modern fonts at a font size of 12 points or larger.
- Proposals formatted with multiple columns are not accepted.

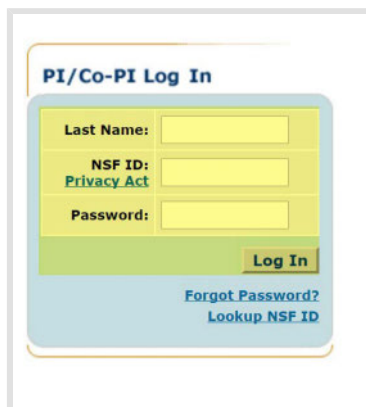
Create Proposal

Go to the FastLane home page at <http://www.FastLane.nsf.gov>.

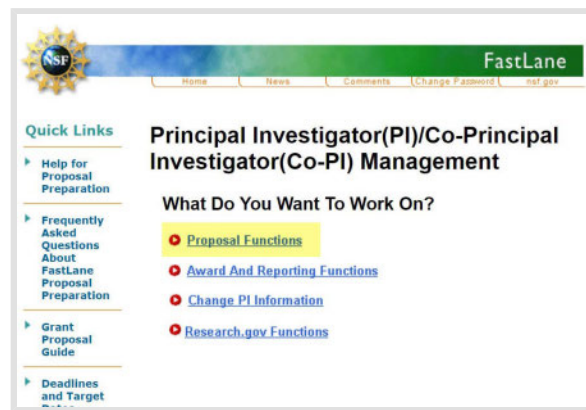
Select the **Proposal, Awards & Status** link on the top (blue) menu bar.

Fill in Log In information in the "PI/CO-PI Log In" box on the right side of the screen.

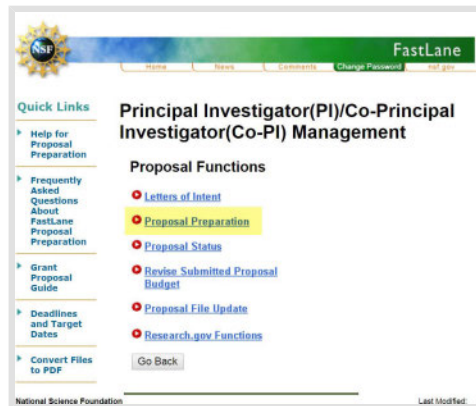
Note: The Principal Investigator (PI) for the proposed Phase I project MUST login and prepare the proposal



On the **Principal Investigator (PI)/Co-Principal Investigator (CO-PI) Management** screen, select **"Proposal Functions"**



On the **Proposal Functions** screen, click "**Proposal Preparation**"



On the **Principal Investigator (PI) Information** screen, check the PI information for accuracy. You may choose to update or edit the PI information by selecting the "**Edit PI Information**" button. You cannot change the PI here. Once finished, click the "**Prepare Proposal**" button.

Principal Investigator (PI) Information

Notice: Effective January 14, 2013, the National Science Foundation implemented revised merit review criteria based on the National Science Board (NSB) report, National Science Foundation's Merit Review Criteria: Review and Revisions. While the two merit review criteria remain unchanged (Intellectual Merit and Broader Impacts), guidance has been provided to clarify and improve the function of the criteria.

Revisions based on the NSB report have been incorporated into the Grant Proposal Guide (GPG), including the [Project Summary Section \(opens new window\)](#) and [Project Description Section \(opens new window\)](#). Now, if the Project Summary requirements are not met, the proposal will not be accepted by FastLane or will be returned without review. The GPG also states that the Project Description must now contain, as a separate section within the narrative, a discussion of the broader impacts of the proposed activities.

These requirements should be carefully considered by PIs when preparing proposals for submission to NSF.

PROPOSALS

LOGON

Edit PI Information

Prepare Proposal

View Submitted

Go Back

Name	Charlesx X. Dickensx		
Organization	TestProduction 6250005871		
Department	EngineeringChemistry		
Address	4201 Wilson Blvd	Phone	(234) 432-1782
	Arlington, VA 222301000	Fax	No Valid Number

Once you select to prepare your proposal, the "Proposal Actions" screen appears.

Scroll down past the **Temporary Proposals in Progress** section to the **Create New Proposal** section at the bottom, and click on the "**SBIR Phase I**" or "**STTR Phase I**" button.

FORM: FastLane.A1PropSel

General-PI- Dickensx

NAVIGATION

PROPOSALS

PI INFO

LOGON

Create New Proposal

Create Blank Proposal

SBIR Phase I

SBIR Phase II

STTR Phase I

STTR Phase II

Go Back

2. Form Preparation

At the top of the **Form Preparation** page will be the text **Forms for Temp Proposal #** - this number will be used as a reference throughout the preparation process. *When your FastLane Contact/SPO finally submits your proposal to NSF, your proposal will be assigned an official NSF proposal number, the first two digits of which will match the fiscal year in which the proposal was submitted (e.g. proposals submitted between October 1, 2016 and September 30, 2017 will be numbered 17xxxxx). This official proposal number should be used in all further communications with NSF.*

Cover Sheet

Click on the "GO" button to the left of "Cover Sheet".

Forms for Temp. Proposal #7666176

Form Preparation

To prepare a form, click on the appropriate button below:

Form

GO Cover Sheet

GO Table of Contents

GO References Cited

GO Budgets (Including Justification)

GO Facilities, Equipment, and Other Resources

Saved

05/27/16

N/A

Form

GO Project Summary

GO Project Description

GO Biographical Sketches

GO Current and Pending Support

Saved

Supplementary Documents

GO Data Management Plan

GO Mentoring Plan¹

GO Project Summary with Special Characters

GO Other Supplementary Docs

Single Copy Documents

GO Collaborators and Other Affiliations

GO Deviation Authorization(if applicable)

GO List of Suggested Reviewers (optional)

GO Additional Single Copy Documents

GO Add/Delete Non Co-PI Senior Personnel

GO Change PI

GO Link Collaborative Proposals

N/A

Go Back

The Cover Sheet has been divided into 4 sections. To complete the Cover Sheet you must complete all 4 sections.
The first Cover Sheet "GO" Button is "Awardee Organization/Primary Place of Performance Selection"

Cover Sheet Components Form

The NSF Cover Sheet within FastLane has been divided into 3 sections:

- Program Announcement / Solicitation Number Selection
- NSF Unit Consideration
- Remainder of Cover Sheet

To complete a section, click on the Go button, and click on OK to save the data.

GO Awardee Organization/Primary Place Of Performance Selection

Awardee Organization

Primary Place of Performance

TestProduction

Address

4201 Wilson Blvd

Arlington, VA 22230-1000

Time Zone

US-America/New_York(GMT-5:00)

Inst. Code

6250005871

DUNS #

GO Program Announcement / Solicitation / Program Description No., or In response to Grant Proposal Guide (GPG).

No Program Announcement has been selected yet.
*You must select one or the GPG prior to filling out the rest of the Cover Sheet

GO NSF Unit Consideration

No NSF Units have been selected yet.
*You must select one prior to filling out the rest of the Cover Sheet

GO *Remainder of the Cover Sheet

Go Back

Awardee Organization

The Awardee Organization information is pre-populated from the PI information. Click on the "Add/Change Primary Place of Performance" button to make necessary updates.

FORBID FastLane All Info!

Institutions for this proposal

Awardee Organization

Primary Place of Performance

Address:

TestProduction

TestProduction

4201 Wilson Blvd

Arlington, VA 22230-1000

Time Zone:

US-America/New_York(GMT-5:00)

Institution Code:

6250005871

DUNS Number:

Address:

Add/Change Primary Place of Performance

Change Awardee

Go Back

STTR proposals should click "Add/Change Primary Place of Performance" and enter data for the mandatory sub-awardee research institution.

- SBIR proposers may select a sub-awardee research organization (if applicable) for the Primary Place of Performance, or should select "Same as Awardee Organization".

When inputting an address for the "Primary Place of Performance", you **must** include the **nine-digit zip code**. (Proposers are advised to use the [United States Postal Service website](http://www.usps.com) to look up their nine-digit zip code at www.usps.com)

After the Primary Place of Performance is identified, click "**Save Primary Place of Performance**".

FORM: FastLane A11a00f01

Add/Change Primary Place of Performance

*Required Field

*Organization Name or ☐ Same as Awardee Organization

Please enter an Organization Name or select Same as Awardee Organization

Street Address

City

State (Required if Country is United States)

Zip Code (9 digit) (Required if Country is United States)

*Country

Save Primary Place of Performance

Go Back

After saving, click "**Go Back**" on the "Add/Change Primary Place of Performance" and the "Institutions for this Proposal" page to return to the Cover Sheets Components Form.

FORM: FastLane A11a00f01

Add/Change Primary Place of Performance

*Required Field

*Organization Name or ☐ Same as Awardee Organization

Please enter an Organization Name or select Same as Awardee Organization

Street Address

City

State (Required if Country is United States)

Zip Code (9 digit) (Required if Country is United States)

*Country

Save Primary Place of Performance

Go Back

The second Cover Sheet "**GO**" Button is "**Program Announcement / Solicitation / Program Description**"

Cover Sheet Components Form

Please click on the appropriate button to select the appropriate section.

The NSF Cover Sheet within FastLane has been divided into 3 sections:

- Program Announcement / Solicitation Number Selection
- NSF Unit Consideration
- Remainder of Cover Sheet

To complete a section, click on the Go button, and click on OK, to save the data.

GO Awardee Organization/Primary Place of Performance Selection

Awardee Organization: **TestProduction**

Primary Place of Performance: **The National Science Foundation**

Address: 4201 Wilson Blvd
Arlington, VA 22230-1000
VA, US222031859

Time Zone: US-America/New_York(GMT-5:00)

Last Code: 0250003871

DCNS: 4

GO Program Announcement / Solicitation / Program Description No., or in response to Grant Proposal Guide (GPG).

• NSF 15-605 - Small Business Innovation Research Program Phase I

GO NSF Unit Consideration

Current List of selected NSF UNITS:

1. IIP - SMALL BUSINESS PHASE I

GO Remainder of the Cover Sheet

Go Back

[Recently Asked Questions About FastLane Proposal Preparation](#)

The third Cover Sheet "**GO**" Button is "**NSF Unit Consideration**".

Small Business Innovation Research

Cover Sheet Components Form

The NSF Cover Sheet within FastLane has been divided into 3 sections:

- Program Announcement / Solicitation Number Selection
- NSF Unit Consideration
- Remainder of Cover Sheet

To complete a section, click on the Go button, and click on OK to save the data.

GO Awarding Organization/Primary Place Of Performance Selection

Awarding Organization	Primary Place of Performance
TestProduction	The National Science Foundation

Address: 4201 Wilson Blvd
Arlington, VA 22230-1000
Time Zone: US-America/New_York(GMT-5:00)
Inst. Code: 6250005871
DUINS #

GO Program Announcement / Solicitation / Program Description No., or in response to Grant Proposal Guide (GPG).

- NSF 15-605 - Small Business Innovation Research Program Phase I

GO NSF Unit Consideration
Current List of selected NSF UNITS:

I. IIP - SMALL BUSINESS PHASE I

GO "Remainder of the Cover Sheet"

[Go Back](#)

[Already Asked Questions About FastLane Proposal Preparation](#)

Remainder of the Cover Sheet

The fourth Cover Sheet "GO" Button is "Remainder of the Cover Sheet"

Click the "GO" button and provide the required information to complete the cover sheet.

Small Business Innovation Research

Cover Sheet Components Form

The NSF Cover Sheet within FastLane has been divided into 3 sections:

- Program Announcement / Solicitation Number Selection
- NSF Unit Consideration
- Remainder of Cover Sheet

To complete a section, click on the Go button, and click on OK to save the data.

GO Awarding Organization/Primary Place Of Performance Selection

Awarding Organization	Primary Place of Performance
TestProduction	The National Science Foundation

Address: 4201 Wilson Blvd
Arlington, VA 22230-1000
Time Zone: US-America/New_York(GMT-5:00)
Inst. Code: 6250005871
DUINS #

GO Program Announcement / Solicitation / Program Description No., or in response to Grant Proposal Guide (GPG).

- NSF 15-605 - Small Business Innovation Research Program Phase I

GO NSF Unit Consideration
Current List of selected NSF UNITS:

I. IIP - SMALL BUSINESS PHASE I

GO "Remainder of the Cover Sheet"

[Go Back](#)

[Already Asked Questions About FastLane Proposal Preparation](#)

"Title of Proposed Project": The system has already been programmed for each title to begin with **SBIR Phase I:** or **STTR Phase I:** ** Please do include two spaces after the colon before typing the project title.*

** Please do not use acronyms in the proposal title.*

Not for distribution

Remainder of the Cover Sheet

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awarding Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)
[Authorized Representative](#)
[Top of Page](#) | [Bottom of Page](#)

Title of Proposed Project

Enter the Title of Your Proposed Project:
SBIR Phase I:

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awarding Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)
[Authorized Representative](#)
[Top of Page](#) | [Bottom of Page](#)

Budget And Duration Information

Requested Amount: \$ 0.00 (Note: The requested amount is calculated from the budget forms.)

Proposal Duration (in months): Requested Starting Date (MM/DD/YYYY):

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)

"Budget and Duration Information": Three items are requested.

- **-Requested Amount:** Enter the requested amount of funds. (SBIR and STTR Phase I budgets cannot exceed \$225,000. The requested amount on the Cover Page should match the total funds requested in the budget.)
- **-Proposal Duration:** Enter the proposed duration of the project in months (between 6 and 12 months).
- **-Requested Starting Date:** For deadline dates in June, enter the following January 1st. For deadline dates in December, enter the following July 1st.

Not for distribution

Remainder of the Cover Sheet

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)
[Authorized Representative](#)
[Top of Page](#) | [Bottom of Page](#)

Title of Proposed Project

Enter the Title of Your Proposed Project:
 SBIR Phase I:

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)
[Authorized Representative](#)
[Top of Page](#) | [Bottom of Page](#)

Budget And Duration Information

Requested Amount: \$ (Note: The requested amount is calculated from the budget form.)

Proposal Duration (in months): Requested Starting Date (MM/DD/YYYY):

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)

"Announcement and Consideration Information", "Principal Investigator (PI) Information" and "Co-Principal Investigator (Co-PI) Information": These sections will automatically populate.

[Top of Page](#) | [Bottom of Page](#)

Announcement And Consideration Information

Program Announcement Solicitation Number: **NSF 15-605**

Deadline/Target Date:

For consideration by the following listed NSF Organization Unit(s):

- **IBP - SMALL BUSINESS PHASE I**

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)
[Authorized Representative](#)
[Top of Page](#) | [Bottom of Page](#)

Principal Investigator (PI) Information

Name	Charles Dickens
Organization	TestProduction
Department	EngineeringChemistry
Street #1	4201 Wilson Blvd
Street #2	
City/State/Zip	Arlington VA 222301000
Country	US

[Top of Page](#) | [Bottom of Page](#)

Announcement And Consideration Information

Program Announcement Solicitation Number: **NSF 15-605**

Deadline/Target Date:

For consideration by the following listed NSF Organization Unit(s):

- **IBP - SMALL BUSINESS PHASE I**

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)
[Authorized Representative](#)
[Top of Page](#) | [Bottom of Page](#)

Principal Investigator (PI) Information

Name	Charles Dickens
Organization	TestProduction
Department	EngineeringChemistry
Street #1	4201 Wilson Blvd
Street #2	
City/State/Zip	Arlington VA 222301000
Country	US

"Previous NSF Award": Do not check the box. Preliminary proposals are not accepted by the SBIR/STTR Program.

[Authorized Representative](#)
[Top of Page](#) | [Bottom of Page](#)

Previous NSF Award

If this is a preliminary proposal then check here: ☐

If this is a Full Proposal and it is related to an associated preliminary proposal, please enter that preliminary proposal number here:

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)
[Authorized Representative](#)
[Top of Page](#) | [Bottom of Page](#)

Other Federal Agencies

If this proposal is being submitted to another Federal Agency (FA), please type a reasonable abbreviation (maximum of 10 characters) for each agency in a blank space below.

1. <input type="text"/>	2. <input type="text"/>	3. <input type="text"/>	4. <input type="text"/>	5. <input type="text"/>
6. <input type="text"/>	7. <input type="text"/>	8. <input type="text"/>	9. <input type="text"/>	10. <input type="text"/>

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)

"Other Federal Agencies": Provide a listing of all other Federal agencies to which you have submitted, or plan to submit, this proposal.

[Announcement Information](#)
[Top of Page](#) | [Bottom of Page](#)

Previous NSF Award

If this is a **preliminary proposal** then check here: ☐

If this is a Full Proposal and it is related to an associated preliminary proposal, please enter that preliminary proposal number here:

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SIR-STAR](#) | [Certification](#)
[Authorized Representative](#)
[Top of Page](#) | [Bottom of Page](#)

Other Federal Agencies

If this proposal is being submitted to another Federal Agency (FA), please type a reasonable abbreviation (maximum of 10 characters) for each agency in a blank space below:

1. <input type="text"/>	2. <input type="text"/>	3. <input type="text"/>	4. <input type="text"/>	5. <input type="text"/>
6. <input type="text"/>	7. <input type="text"/>	8. <input type="text"/>	9. <input type="text"/>	10. <input type="text"/>

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SIR-STAR](#) | [Certification](#)
[Authorized Representative](#)
[Top of Page](#) | [Bottom of Page](#)

"Awardee Organization Information": This section has your Organization Name, Address, and Organization Code (this is a code assigned by NSF to your organization). All of this information should be pre-populated. The company's Employer Identification Number (EIN) and Taxpayer Identification Number (TIN) must be provided. Under the "Check all that apply to the Awardee Organization (see GPG for Definitions)" you should always check the following two boxes:

- -For Profit
- -Small Business

Check the appropriate box(s) if your company is a Minority or Woman-Owned Business

Awardee Organization Information

Organization: TestProduction
Address: TestProduction
4201 Wilson Blvd
Arlington, VA 22230-1000

Organization Code: 6250005871
DUNS Number:
EIN¹ or TIN²: 437984597

¹Employer Identification Number ²Taxpayer Identification Number

Check all that apply to the Awardee Organization (See GPG for Definitions):

<input checked="" type="checkbox"/> For Profit	<input checked="" type="checkbox"/> Small Business
<input checked="" type="checkbox"/> Minority Business	<input checked="" type="checkbox"/> Women-owned Business

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SIR-STAR](#) | [Certification](#)
[Authorized Representative](#)
[Top of Page](#) | [Bottom of Page](#)

Primary Place of Performance

Organization: The National Science Foundation
Address:
, VA 222031859,US

"Primary Place of Performance": This section will automatically populate.

"Other Information": Check the appropriate box(s) that are applicable to your proposal.

Other Information

Check Appropriate Box(es) if this proposal includes any of the items listed below:

<input checked="" type="checkbox"/> Beginning Investigator (GPG I.G.2)
<input checked="" type="checkbox"/> Disclosure of Lobbying Activities (GPG II.C.1.e)
<input checked="" type="checkbox"/> Proprietary & Privileged Information (GPG I.D & II.C.1.d)
<input checked="" type="checkbox"/> Historic Places (GPG II.C.2.j)
<input checked="" type="checkbox"/> Vertebrate Animals (GPG II.D.6)
IACUC App. Date (MM/DD/YY) <input type="text"/>
PHS Animal Welfare Assurance Number <input type="text"/>
<input checked="" type="checkbox"/> Human Subjects (GPG II.D.7)
Exemption Subsection <input type="text"/>
IRB App. Date (MM/DD/YY) <input type="text"/>
Human Subjects Assurance Number <input type="text"/>

"Funding Mechanism: Select "Research - other than RAPID or EAGER"

Funding Mechanism (select one)

▼

RAPID

EAGER

Research - other than RAPID or EAGER

Ideas Lab

Equipment

Conference

International Travel

Fellowship

Facility/Center

er the Special Exception to the Deadline Date Policy (see GPG 1.F)

ganization (GPG II.D.4.a)

le organizations (GPG II.D.4.b)

"**Collaborative Status**": Select "Not a collaborative proposal". **Note: The inclusion of a subaward to a university does not make this a 'collaborative' proposal. The SBIR/STTR Program does not accept collaborative proposals. The small business must upload all required budgets and subaward files into their single proposal submission.**

Collaborative Status (select one)

☐ A collaborative proposal from one organization (GPG II.D.4.a)

☐ A collaborative proposal from multiple organizations (GPG II.D.4.b)

☒ Not a collaborative proposal

"**Small Business Innovation Research**": Select the appropriate topic from the drop down box and type in the appropriate subtopic (reference solicitation).

Small Business Innovation Research

SBIR/STTR Phase I Topic:

▼

SBIR/STTR Phase I Subtopic Letter(s), required: (ex. A1a)

"**The Small Business Concern Certifies**": Answer all of the following questions.

The Small Business Concern Certifies That:

1. It is a small business as defined in the solicitation.

☒ YES

☐ NO

2. It qualifies as a socially and economically disadvantaged business as defined in the solicitation (FOR STATISTICAL PURPOSES ONLY)

☒ YES

☐ NO

3. It qualifies as a women-owned business as defined in the solicitation (FOR STATISTICAL PURPOSES ONLY)

☒ YES

☐ NO

4. SBIR: A minimum of two-thirds of the research will be performed by this firm in Phase I.
STTR: It will perform at least 40 percent of the work and the collaborating research institution will perform at least 20 percent of the work as described in the proposal.

☒ YES

☐ NO

5. The primary employment of the Principal Investigator (PI) will be with this firm at the time of award and during the conduct of the research.

☒ YES

☐ NO

6. It will permit the government to disclose the title and technical abstract page, plus the name, address and telephone number of a corporate official, if the proposal does not result in an award, to parties that may be interested in contacting the small business for further information or possible arrangement.

☒ YES

☐ NO

7. It will comply with the provisions of the Civil Rights Act of 1964 (PL. 88-352) and the regulations pursuant thereto.

☒ YES

☐ NO

8. It has previously submitted proposals to NSF.

☒ YES

☐ NO

9. It previously submitted this proposal (which was declined) and significant modifications have been made as described in the solicitation.

☒ YES

☐ NO

10. It has received Phase II awards from the Federal Government. If "yes" provide a company commercialization history in the supplementary documents module.

☒ YES

☐ NO

11. It is located in a Historically Underutilized Business Zone (HUBZone) as verified by the Small Business Administration (to verify HUBZone participation go to <http://tiny.sba.gov/hubzone/inst.asp>).

☒ YES

☐ NO

NOTE: If the PI responds "YES" to the question "It has received Phase II awards from the Federal Government", the company's Company Commercialization History must be provided in the Supplementary Documents module of the proposal or the entire proposal will be Returned Without Review. **The Commercialization History must be submitted on the NSF template: <https://www.nsf.gov/eng/iip/sbir/Forms/index.jsp>.**

"**Company Officer Information (For Business and Financial Matters)**", "**Other Information**", "**Affiliated Companies**", "**Research Institution Investigator**" and "**Proprietary Notice**": Fill in all requested information.

Company Officer Information(For Business and Financial Matters):

Company Officer Name:
 Company Officer Title:
 Company Officer Telephone Number: (Ex: 8005551212)

Other Information:

President's Name:
 Year Firm Founded: (Ex: 1994)
 Number of Employees (Including Parent, Subsidiary, and Predecessor):
 Current Number Of Employees:
 Average Number Of Employees For Previous 12 Months:

Affiliated Companies

Name of any affiliated companies(Parent, Subsidiary, Predecessor):
 Affiliate 1:
 Affiliate 2:
 Affiliate 3:
 Affiliate 4:

Research Institution Investigator

Provide only if STTR

Research Institution: The National Science Foundation
 Research Investigator Name:
 Research Investigator Phone Number: (Ex: 8005551212)

Proprietary Notice:

See solicitation for instructions concerning proprietary information.

☐ **Check here if proposal contains proprietary information.**

"Debarment and Suspension Certification" and "Authorized Representative": Read each section carefully, answer question(s) and provide any additional information (if applicable). Click **"OK"** and then select **"Go Back"** to return to the "Form Preparation" screen.

Debarment and Suspension Certification

Is the organization or its principals presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency?

- ☒ No
☐ Yes (If "yes" please provide an explanation below.)

By electronically signing the Certification Pages, the Authorized Organizational Representative (or equivalent) or Individual Applicant is providing the Debarment and Suspension Certification contained in [Exhibit II-4 of the Grant Proposal Guide](#).

Authorized Organizational Representative(AOR) information will be added when the proposal is electronically signed by the Authorized Organizational Representative.

OK
Go Back

Add/Delete Non Co-PI Personnel

Click on the **"Go"** button to the left of **"Add/Delete Non Co-PI Senior Personnel"**:

Forms for Temp. Proposal #7666176

Form Preparation

To prepare a form, click on the appropriate button below:

Form	Saved	Form	Saved
<input type="button" value="GO"/> Cover Sheet	05/27/16	<input type="button" value="GO"/> Project Summary	
<input type="button" value="GO"/> Table of Contents	N/A	<input type="button" value="GO"/> Project Description	
<input type="button" value="GO"/> References Cited		<input type="button" value="GO"/> Biographical Sketches	
<input type="button" value="GO"/> Budgets (Including Justification)	05/27/16	<input type="button" value="GO"/> Current and Pending Support	
<input type="button" value="GO"/> Facilities, Equipment, and Other Resources			

Supplementary Documents

Data Management Plan
 Mentoring Plan¹
 Project Summary with Special Characters
 Other Supplementary Docs

Single Copy Documents

Collaborators and Other Affiliations
 Deviation Authorization(if applicable)
 List of Suggested Reviewers (optional)
 Additional Single Copy Documents

Add/Delete Non Co-PI Senior Personnel N/A
 Change PI
 Link Collaborative Proposals

Click "Add Non Co-PI Senior Person to Proposal" after inputting the First Name, Middle Initial and Last Name of each person.

For the SBIR/STTR Program, senior personnel are individuals with critical expertise who will be working on the project and are employed at the proposing

company or at a subaward institution. The company should upload a Bio Sketch and Current & Pending Support form (see relevant sections later in this document) for each person included as Senior Personnel.

FORM: FndLstz_A1SPFEdt

SSB/ONE-PS-7666176 Dickmud

Add/Delete Non Co-Principal Investigator (Co-PI)
Senior Personnel Assigned to Proposal

No Non Co-PI Senior Personnel

Currently, there are no Non Co-PI Senior Personnel assigned to Proposal #7666176

To Add a new Non Co-PI Senior Personnel to proposal #7666176, type the name of the person in the fields below and click the 'Add Non Co-PI Senior Person to Proposal' button.

Enter the first name, middle initial, and last name.
First Name:
Middle Initial:
Last Name:

Add Non Co-PI Senior Person to Proposal

Go Back

After adding all participants, click "**Go Back**" until you return to the "Form Preparation" screen.

References Cited

Click on the **"Go"** button to the left of "References Cited":

Provide a comprehensive listing of relevant references in this module. You can directly enter the references into the text box or you can transfer a file. It is recommended that you do the file transfer.

All proposals must have something in the References Cited section. If you do not have any references to cite, put a statement to that effect into this module.

Forms for Temp. Proposal #7666176

Form Preparation

To prepare a form, click on the appropriate button below:

Form	Saved	Form	Saved
GO Cover Sheet	05/27/16	GO Project Summary	
GO Table of Contents	N/A	GO Project Description	
GO References Cited		GO Biographical Sketches	
GO Budgets (Including Justification)	05/27/16	GO Current and Pending Support	
GO Facilities, Equipment, and Other Resources			

Supplementary Documents

GO Data Management Plan	
GO Mentoring Plan ¹	
GO Project Summary with Special Characters	
GO Other Supplementary Docs	

Single Copy Documents

GO Collaborators and Other Affiliations	
GO Deviation Authorization(if applicable)	
GO List of Suggested Reviewers (optional)	N/A
GO Additional Single Copy Documents	

[Go Back](#)

When this section is completed, click **"Go Back"** to return to the "Form Preparation" screen.

FORM: FacLane A1Ref1

SBRONE-PI-7666176 Dickens

References Cited

Enter text for the References Cited or click on "Transfer File" to upload a file

Not signed in

[Save Text](#) [Delete Text](#) [Transfer File](#)

[Go Back](#)

Follow the instructions on the below screen, then click **"Upload File"** to upload document. Click **"Go Back"** until you return to the "Form Preparation" screen.

Budget

Click on the **"Go"** button to left of **"Budgets (Including Justification)"**:

Forms for Temp. Proposal #7666176

Form Preparation

To prepare a form, click on the appropriate button below:

Form	Saved	Form	Saved
GO Cover Sheet	05/27/16	GO Project Summary	
GO Table of Contents	N/A	GO Project Description	
GO References Cited		GO Biographical Sketches	
GO Budgets (Including Justification)	05/27/16	GO Current and Pending Support	
GO Facilities, Equipment, and Other Resources			

Supplementary Documents

GO Data Management Plan	
GO Mentoring Plan ¹	
GO Project Summary with Special Characters	
GO Other Supplementary Docs	

Single Copy Documents

GO Collaborators and Other Affiliations	
GO Deviation Authorization(if applicable)	
GO List of Suggested Reviewers (optional)	N/A
GO Additional Single Copy Documents	

[Go Back](#)

The budget should reflect the needs of the *proposed R&D project*.

The Project Budget Screen will appear. The company name should be highlighted; then Click on the "Add Year" button.

FORM: FastLane A1BudgetInstSelectorSBI

Project Budget

Organization	Year	Amount	Delete	Last Mod. Date
TestProduction	Add Year Budget Justification			

[Add Another Organization](#)[SpreadSheet Support](#)

Delete Checked Year(s)

Go Back

Year 1 will be highlighted; then Click the "Add" button. FastLane will return to the Project Budget Screen.

Project Budget

Organization	Year	Amount	Delete	Last Mod. Date
Test Institution	Add Year Budget Justification			

[Add Another Organization](#)[SpreadSheet Support](#)

Delete Checked Year(s)

Go Back

Funds

Click on the "Funds" hyperlink (under the Year heading).

Project Budget

Organization	Year	Amount	Delete	Last Mod. Date
Test Institution	1 Funds - Personnel	\$0	<input type="checkbox"/>	Jun-17-2011 13:52:01

[Add Another Organization](#)[SpreadSheet Support](#)

Delete Checked Year(s)

Go Back

IMPORTANT: To avoid budget reductions, NSF strongly advises you to visit the Department of Labor/Bureau of Labor Statistics website to determine the allowed pay scale for each budgeted position. In general, unless your company has other significant internal revenue sources, as well as recent payroll records showing a precedent for the requested salary, the NSF will not allow budgeted salaries in excess of the median salary for the same job title in the same geographical area. Click [here](#) to search for your city/state data. If your city is not listed, click [here](#) and use your state data. Remember that direct salaries and wages requested in an NSF SBIR/STTR budget are permitted only for work on R&D tasks.

In most cases, every employee listed in line A or B of the budget should fall under one of the following four occupational groups:

- [Management Occupations \(11-0000\)](#)
- [Computer and Mathematical Occupations \(15-0000\)](#)
- [Architecture and Engineering Occupations \(17-0000\)](#)
- [Life, Physical, and Social Science Occupations \(19-0000\)](#)

Click [here](#) for detailed salary survey guidance

A. Senior Personnel section: Click the "Add/Remove Senior Personnel" button.

Budget Year 1 for Test Institution

[A. Senior Personnel](#) | [B. Other Personnel](#) | [C. Fringe Benefits](#) | [D. Equipment](#) | [E. Travel](#) | [F. Participant Support Costs](#)
[G. Other Direct Costs](#) | [H. Total Direct Costs](#) | [I. Indirect Costs](#) | [J. Total Direct And Indirect Costs](#) | [K. Small Business Fee](#)
[L. Total Cost and Fee](#)
[Bottom of Page](#)

A. Senior Personnel

Name	Title	Calendar Months	Academic Months	Summer Months	Funds Requested By Proposer
John Doe	Senior Engineer	4.0	0.0	0.0	25000
Jane Smith	Chief Technical Officer	4.0	0.0	0.0	32000
Total Senior Personnel: 2		8.0	0.0	0.0	\$ 57000

[Add/Remove Senior Personnel](#)

Check the box(s) for the "Senior Personnel" to be included on the budget and then click **"Save"** to return to the "Year 1 Budget" screen.

Budget Personnel for year 1 for Test Institution

PI: A B

Personnel available to add

Check to add

☒ John Doe

Personnel currently assigned to budget year

Check to remove

None Available to Remove

Provide the number of **CALENDAR months** and proposed cost for all "Senior Personnel"; then click **"Calculate"**. You must enter information into the Calendar Months field on each line for which funds are requested.

Budget Year 1 for Test Institution

[A. Senior Personnel](#) | [B. Other Personnel](#) | [C. Fringe Benefits](#) | [D. Equipment](#) | [E. Travel](#) | [F. Participant Support Costs](#)
[G. Other Direct Costs](#) | [H. Total Direct Costs](#) | [I. Indirect Costs](#) | [J. Total Direct And Indirect Costs](#) | [K. Small Business Fee](#)
[L. Total Cost and Fee](#)
[Bottom of Page](#)

A. Senior Personnel

Name	Title	Calendar Months	Academic Months	Summer Months	Funds Requested By Proposer
John Doe	Senior Engineer	4.0	0.0	0.0	25000
Jane Smith	Chief Technical Officer	4.0	0.0	0.0	32000
Total Senior Personnel: 2		8.0	0.0	0.0	\$ 57000

[Add/Remove Senior Personnel](#)

B. Other Personnel section: Provide all applicable information on personnel in the categories listed. Provide the number of **CALENDAR months** and proposed cost for all "Other Personnel"; then click **"Calculate"**.

B. Other Personnel

Number of Personnel	Type of Personnel	Calendar Months	Academic Months	Summer Months	Funds Requested By Proposer
<input type="text" value="0"/>	Post Doctoral Scholars	<input type="text" value="0.0"/>	<input type="text" value="0.0"/>	<input type="text" value="0.0"/>	<input type="text" value="0"/>
<input type="text" value="3"/>	Other Professionals (Technicians, etc.)	<input type="text" value="10.0"/>	<input type="text" value="0.0"/>	<input type="text" value="0.0"/>	<input type="text" value="38000"/>
<input type="text" value="0"/>	Graduate Students				<input type="text" value="0"/>
<input type="text" value="0"/>	Undergraduate Students				<input type="text" value="0"/>
<input type="text" value="0"/>	Secretarial - clerical				<input type="text" value="0"/>
<input type="text" value="0"/>	Other				<input type="text" value="0"/>
Total Other Personnel: 3					\$ 38000

- Provide names and titles of all personnel in the budget justification, as well as a clear description of their responsibilities in the project. **Note: If you proposed new employees that are yet to be hired, simply list that position as a "potential hire" and proceed with the balance of the information as if they were already in your organization).**

- The small business concern should NOT budget any personnel or funds for "Post-Doctoral Scholars", "Graduate Students" or "Undergraduate Students".
- In the Budget Justification, please include the actual annual salary information that justifies the calculation of the amounts requested (which should match the line item in the Budget) for all personnel in the project.

C. Fringe Benefits section: Provide the estimated amount of fringe benefits for Senior Personnel and Other Personnel; then click "Calculate".

It is recommended that proposers allot funds for fringe benefits here ONLY if the proposer's usual (established) accounting practices provide that fringe benefits be treated as direct costs. Otherwise, fringe benefits should be included in Line I, Indirect costs. (Line I+ Line C) should not be more than 150% of (Line A + Line B).

Description	Funds Requested By Proposer
Fringe Benefits (If charged as direct costs)	<input type="text" value="19000"/>
Total Salaries, Wages and Fringe Benefits (A + B + C): \$ 114000	
<input type="button" value="Calculate"/>	

D. Equipment section: No purchases of equipment are permitted in an NSF SBIR Phase I project; this section should be left blank.

Equipment Item	Check here to delete Item	Dollar Amount	Funds Requested By Proposer
1. <input type="text"/>	<input type="checkbox"/>	<input type="text"/>	
2. <input type="text"/>	<input type="checkbox"/>	<input type="text"/>	
3. <input type="text"/>	<input type="checkbox"/>	<input type="text"/>	
4. <input type="text"/>	<input type="checkbox"/>	<input type="text"/>	
5. <input type="text"/>	<input type="checkbox"/>	<input type="text"/>	
6. <input type="text"/>	<input type="checkbox"/>	<input type="text"/>	
7. <input type="text"/>	<input type="checkbox"/>	<input type="text"/>	
8. <input type="text"/>	<input type="checkbox"/>	<input type="text"/>	
9. <input type="text"/>	<input type="checkbox"/>	<input type="text"/>	
10. <input type="text"/>	<input type="checkbox"/>	<input type="text"/>	
Total Equipment:			\$ 0

E. Travel section: One trip per year is required for attending the SBIR/STTR Phase I Grantees Workshop. A realistic estimate is \$2,000 per person. Travel in Phase I is only permitted if it is necessary for the completion of the project R&D activities. Foreign travel is **NOT** permitted. In Phase I, NSF funds are **NOT** permitted to be budgeted for travel to conferences and trade shows. After inputting the appropriate dollar amount, click "Calculate".

Description	Funds Requested By Proposer
1. Travel Domestic (incl. U.S. Possessions)	<input type="text" value="4000"/>
2. Travel International	<input type="text" value="0"/>
Total Travel: \$ 4000	
<input type="button" value="Calculate"/>	

F. Participant Support Costs section: **SBIR/STTR Phase I proposals do not use this budget line item; this section should be left blank.**

Description	Costs	Funds Requested By Proposer
1. Stipends	<input type="text" value="0"/>	
2. Travel	<input type="text" value="0"/>	
3. Subsistence	<input type="text" value="0"/>	
4. Other	<input type="text" value="0"/>	
Number of Participants <input type="text" value="0"/>		
Total Participant Support Costs:		\$ 0
<input type="button" value="Calculate"/>		

G. Other Direct Costs section: Provide a dollar amount for the following line items; then click "Calculate".

- G.1. Materials and Supplies
- G.2. Publication Costs/Documentation/distrib (generally not allowed in SBIR/STTR Phase I)

- G.3. Consultant Services
- G.4. Computer (ADPE) Services
- G.5. Subcontracts - a separate budget is REQUIRED for each subcontractor; the total amount of all these subcontracts should be entered here. (In the small business concern's Budget Justification, please include a few sentences describing the scope and objective of the subaward.)
- G.6. Other

G. Other Direct Costs	
Description	Funds Requested By Proposer
1. Materials and Supplies	<input type="text" value="0"/>
2. Publication Costs/Documentation/distrib	<input type="text" value="0"/>
3. Consultant Services	<input type="text" value="0"/>
4. Computer (ADPE) Services	<input type="text" value="0"/>
5. Subcontracts	<input type="text" value="0"/>
6. Other	<input type="text" value="0"/>
Total Other Direct Costs: \$ 0	
<input type="button" value="Calculate"/>	

H. Total Direct Costs section: Click "Calculate" and the total of items A through G will update.

H. Total Direct Costs	
Funds Requested By Proposer	
Total Direct Costs (A THROUGH G): \$ 190000	
<input type="button" value="Calculate"/>	

I. Indirect Costs section: The budgeted indirect costs must be in line with your organization's past actual spending patterns. Note that the total sum of requested Indirect Costs (line I) plus Fringe Benefits (line C) cannot exceed 150% of the total Direct Labor Costs (line A + line B). Enter the requested amount, then click "Calculate".

I. Indirect Costs				
Indirect Cost Item	Rate %	Base	Check here to delete item	Funds Requested By Proposer
1. Total Salaries and Wages	20.0	95000	<input type="checkbox"/>	19000
2. <input type="text"/>	<input type="text"/>	<input type="text"/>		
3. <input type="text"/>	<input type="text"/>	<input type="text"/>		
4. <input type="text"/>	<input type="text"/>	<input type="text"/>		
5. <input type="text"/>	<input type="text"/>	<input type="text"/>		
6. <input type="text"/>	<input type="text"/>	<input type="text"/>		
Total Indirect Costs:				\$ 19000
<input type="button" value="Calculate"/>				

J. Total Direct and Indirect Costs section: Click "Calculate" and the total of items H and I will update.

J. Total Direct And Indirect Costs	
Funds Requested By Proposer	
Total Direct and Indirect Costs (H + I): \$ 209000	
<input type="button" value="Calculate"/>	

K. Small business fee section: The "Small business fee" line is used to request a fee (profit) for the small business. If requested, the maximum amount of this profit must not exceed 7% of line item J. Click "Calculate" to update the amount.

K. Small Business Fee		
If requested, maximum equals 7% of J.		
Description		Small Business Fee
Small Business Fee		14630
<input type="button" value="Calculate"/>		

L. Total Cost and Fee section: After all applicable line items have been inputted into your budget, click "Calculate and Save"; then click "Go Back" to return to the "Project Budget" screen.

L. Total Cost and Fee	
	Funds Requested By Proposer Total cost and Fees (J + K): \$ 223630
<input type="button" value="Calculate & Save"/> <input type="button" value="Go Back"/>	

The cumulative budget will auto-populate after the completion of the "Year 1" and, if applicable, the subawardee budget.

IMPORTANT NOTE - All non-zero budget line items MUST be explained in the budget justification. Additionally, letters of commitment from any consultants should also be included as part of the budget justification. See section 9.f.3 of the solicitation for more details.

12a. Budget Justification section: To complete the budget justification page, click on the "Budget Justification" hyperlink under your company name.

Project Budget					
Organization	Year	Amount	Delete	Last Mod. Date	
Test Institution	1	Funds - Personnel	\$0	<input type="checkbox"/>	Jun-17-2011 13:52:01
Add Year Budget Justification					
Add Another Organization					
SpreadSheet Support					
<input type="button" value="Delete Checked Year(s)"/>					
<input type="button" value="Go Back"/>					

After cutting and pasting/typing details in text box, click "Save Text" and then "Go Back" to return to the "Project Budget" screen.

Budget Justification	
Enter text for the Budget Justification or click on "Transfer File" to upload a file	
<div></div>	
<input type="button" value="Save Text"/> <input type="button" value="Delete Text"/>	
<input type="button" value="Transfer File"/>	
<input type="button" value="Go Back"/>	

If uploading a file, click "Transfer File" on the above screen.

Then, follow the instructions on the below screen and click "Upload File" to upload document. Once the budget justification is complete, click "Go Back" until you return to the "Form Preparation" screen or until you return to the "Project Budget" screen to add a subawardee.

Budget Justification for NSF

NEW! File uploads no longer have to be in PDF format!

 In addition to PDF files, users can now upload a variety of word-processor files and PostScript files. These files will automatically be converted to PDF format.

 Follow this link for a list of [Supported file formats](#) (Opens new window).

 Follow this link for [New Upload Instructions](#) (Opens new window).

 Enter the name and location of the file to upload
 or click on the **Browse** button to select the file to upload

Subawardee Budget

12b. Subawardee Budget section: Click "**Add Another Organization**" if a subawardee budget is required.

Project Budget				
Organization	Year	Amount	Delete	Last Mod. Date
Test Institution Add Year Budget Justification	1 Funds - Personnel	\$0	<input type="checkbox"/>	Jun-17-2011 13:52:01

[Add Another Organization](#)
[SpreadSheet Support](#)

To add the organization to the budget, complete a search by the organization's name or DUNS number.

Current Budget Organizations

Name	Org. Id.
Test Institution	5300010004

Add Organization - use any one of the following:
 Name Search (ex. Cornell)
 ☒ Begins With
 ☐ Ends With
 ☐ Contains

DUNS# (ex. 872612445)

Highlight the appropriate organization from the results that appear in the box; then click "**Select**".

Name - Inst ID

test - 5300008977
 Test Aug - P269756947
 test joe m - P269820862
 Test Just A - P269788118
 test test W - P269707222
 Test Analysis & Development Corporation - 4001504000
 Test Both Institution For DIS Use Only - 5300000000
 test for deete - 5300012504

Note: The organization needs to be registered with NSF if it does not appear in the list. Call the FastLane Help Desk at 800-673-6188 for assistance with this process.

Highlight the subawardee PI from the listing of "Senior Personnel" participants that were added earlier in the process, then click "**Select**".

Principal Investigator Designation for **test** - 5300008977
Please designate the Principal Investigator on this subcontract.

Currently PI is set to **(none selected)**

AB
John.Doe

Select

Return to the "**Project Budget**" screen and follow the previous instructions for adding the below data to the subawardee budget and budget justification when applicable. (Note: Subaward budget cannot include funds for "Permanent Equipment", "Participant Support Costs", or "Small business fee".)

- Years
- Senior Personnel/Other Personnel
- Fringe Benefits
- Travel
- Other Direct Costs
- Total Direct Costs
- Indirect Costs
- Total Direct and Indirect Costs
- Total Cost and Small business fee

*** When applicable, provide quotes, price lists etc. (same as the main budget) in the budget justification. Do not upload quotes to the Supplementary Documents module.**

Project Budget					
Organization	Year	Amount	Delete	Last Mod. Date	
Test Institution	1	Funds - Personnel	\$0	<input type="checkbox"/>	Jun-17-2011 13:52:01
Add Year Budget Justification					
<input type="checkbox"/> test	1	Funds - Personnel	\$0	<input type="checkbox"/>	Jun-17-2011 15:22:31
Add Year Change PI Change Org. Budget Justification					

[Add Another Organization](#) [SpreadSheet Support](#)

After completing all budget requirements, click "**Go Back**" to return to the "Form Preparation" screen.

In most cases, every employee listed in line A or B of the budget should fall under one of the following four occupational groups:

- [Management Occupations \(11-0000\)](#)
- [Computer and Mathematical Occupations \(15-0000\)](#)
- [Architecture and Engineering Occupations \(17-0000\)](#)
- [Life, Physical, and Social Science Occupations \(19-0000\)](#)

Click [here](#) for detailed salary survey guidance

Samples

PLEASE REVIEW THE SAMPLE BUDGETS AND BUDGET JUSTIFICATIONS BELOW

These sample budgets provide you with the level of detail NSF requires for all SBIR/STTR proposals. Too much information is always better than not enough. If you have questions regarding the budget preparation call the cognizant Program Director for guidance and clarification.

Sample budget populated as PDF:

SUMMARY PROPOSAL BUDGET

YEAR 1

ORGANIZATION					FOR NSF USE ONLY			
Test Institution					PROPOSAL NO.	DURATION (months)		
PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR					AWARD NO.	Proposed	Granted	
Jane Smith								
A. SENIOR PERSONNEL: PI/PI, Co-PI's, Faculty and Other Senior Associates (List each separately with title, A.7. show number in brackets)					NSF Funded Person-months		Funds Requested By proposer	Funds granted by NSF (if different)
					CAL	ACAD	SUMR	
1. Jane Smith - Chief Technical Officer					4.00	0.00	0.00	32,000
2. John Doe - Senior Engineer					4.00	0.00	0.00	25,000
3.								
4.								
5.								
6. (0) OTHERS (LIST INDIVIDUALLY ON BUDGET JUSTIFICATION PAGE)					0.00	0.00	0.00	0
7. (2) TOTAL SENIOR PERSONNEL (1 - 6)					8.00	0.00	0.00	57,000
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)								
1. (0) POST DOCTORAL SCHOLARS					0.00	0.00	0.00	0
2. (3) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)					10.00	0.00	0.00	38,000
3. (0) GRADUATE STUDENTS								0
4. (0) UNDERGRADUATE STUDENTS								0
5. (0) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)								0
6. (0) OTHER								0
TOTAL SALARIES AND WAGES (A + B)								95,000
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)								19,000
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A + B + C)								114,000
D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.)								
TOTAL EQUIPMENT								0
E. TRAVEL 1. DOMESTIC (INCL. U.S. POSSESSIONS)								4,000
2. INTERNATIONAL								0
F. PARTICIPANT SUPPORT COSTS								
1. STIPENDS \$ 0								0
2. TRAVEL 0								0
3. SUBSISTENCE 0								0
4. OTHER 0								0
(0) TOTAL PARTICIPANT COSTS								0
G. OTHER DIRECT COSTS								
1. MATERIALS AND SUPPLIES								10,000
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION								0
3. CONSULTANT SERVICES								20,000
4. COMPUTER SERVICES								0
5. SUBAWARDS								40,000
6. OTHER								2,000
TOTAL OTHER DIRECT COSTS								72,000
H. TOTAL DIRECT COSTS (A THROUGH G)								190,000
I. INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)								
Total Salaries and Wages (Rate: 20.0000, Base: 95000)								
TOTAL INDIRECT COSTS (F&A)								19,000
J. TOTAL DIRECT AND INDIRECT COSTS (H + I)								209,000
K. SMALL BUSINESS FEE (IF REQUESTED MAXIMUM = 7% OF J)								14,630
L. TOTAL COST AND FEE (J + K)								223,630
PI/PI NAME					FOR NSF USE ONLY			
Jane Smith					INDIRECT COST RATE VERIFICATION			
ORG. REP. NAME*					Date Checked	Date Of Rate Sheet	Initials - ORG	

1*ELECTRONIC SIGNATURES REQUIRED ONLY FOR REVISED BUDGET

SUMMARY PROPOSAL BUDGET

Cumulative

ORGANIZATION Test Institution				FOR NSF USE ONLY		
				PROPOSAL NO.	DURATION (months)	
PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR Jane Smith				AWARD NO.	Proposed	Granted
A. SENIOR PERSONNEL: PI/PD, Co-PI's, Faculty and Other Senior Associates (List each separately with title, A.7. show number in brackets)				NSF Funded Person-months		Funds Requested By proposer
				CAL	ACAD	SUMR
1. Jane Smith - Chief Technical Officer				4.00	0.00	0.00
2. John Doe - Senior Engineer				4.00	0.00	0.00
3.						
4.						
5.						
6. () OTHERS (LIST INDIVIDUALLY ON BUDGET JUSTIFICATION PAGE)				0.00	0.00	0.00
7. (2) TOTAL SENIOR PERSONNEL (1 - 6)				8.00	0.00	0.00
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)						
1. (0) POST DOCTORAL SCHOLARS				0.00	0.00	0.00
2. (3) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)				10.00	0.00	0.00
3. (0) GRADUATE STUDENTS						
4. (0) UNDERGRADUATE STUDENTS						
5. (0) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)						
6. (0) OTHER						
TOTAL SALARIES AND WAGES (A + B)						95,000
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)						19,000
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A + B + C)						114,000
D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.)						
TOTAL EQUIPMENT						0
E. TRAVEL 1. DOMESTIC (INCL. U.S. POSSESSIONS)						4,000
2. INTERNATIONAL						0
F. PARTICIPANT SUPPORT COSTS						
1. STIPENDS \$ 0						0
2. TRAVEL						0
3. SUBSISTENCE						0
4. OTHER						0
(0) TOTAL PARTICIPANT COSTS						0
G. OTHER DIRECT COSTS						
1. MATERIALS AND SUPPLIES						10,000
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION						0
3. CONSULTANT SERVICES						20,000
4. COMPUTER SERVICES						0
5. SUBAWARDS						40,000
6. OTHER						2,000
TOTAL OTHER DIRECT COSTS						72,000
H. TOTAL DIRECT COSTS (A THROUGH G)						190,000
I. INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)						
TOTAL INDIRECT COSTS (F&A)						19,000
J. TOTAL DIRECT AND INDIRECT COSTS (H + I)						209,000
K. SMALL BUSINESS FEE (IF REQUESTED MAXIMUM = 7% OF J)						14,630
L. TOTAL COST AND FEE (J + K)						223,630
PI/PD NAME Jane Smith				FOR NSF USE ONLY		
ORG. REP. NAME*				INDIRECT COST RATE VERIFICATION		
				Date Checked	Date Of Rate Sheet	Initials - ORG

C*ELECTRONIC SIGNATURES REQUIRED ONLY FOR REVISED BUDGET

Sample Budget Justification:

A.1 Senior Personnel

Dr. Jane Smith, Chief Technical Officer, will work two person-months on the project (line A.1) at an hourly rate of \$48/hr. $2 \text{ months} * 173.33\text{hrs/month} * \$48/\text{hr} = \$16,640$.

B. Other Personnel

Three other personnel will work on the project (line B.2).

An electrical engineer, Mr. Michael Jones, will spend four months of effort building the prototype amplifier circuitry, at a rate of \$24/hour. $4 \text{ months} * 173.33\text{hrs/month} * \$24/\text{hr} = \$16,640$.

Two technicians will spend a total of three months each doing electrical and mechanical characterization, respectively, at a rate of \$18/hour. $6 \text{ months} * 173.33\text{hrs/month} * \$18/\text{hr} = \$18,720$.

C. Fringe Benefits

Fringe benefits are requested to cover medical, dental, and vision coverage for employees. The fringe benefits rate, based on company records, is 20% of direct labor costs. Therefore, requested fringe benefits are $0.20 * \$52,000 \text{ (total direct labor)} = \$10,400$.

E. Travel

Dr. Smith and Mr. Jones will travel to the Grantees Workshop, at an estimated cost of \$2,000 per person. Total cost for this trip is \$4,000. Dr. Smith will also make one two-day trip to visit collaborators at Brown University. This trip will include round-trip airfare (\$400), two nights at a hotel (\$300), meals (\$80), and a rental car (\$150). Total cost for this trip is \$930. Total budgeted travel is \$4,930.

G.1. Materials and Supplies

The following is a list of materials and supplies to purchase, with quantity, unit cost, and total cost. Items with a total line item cost over \$5,000 have quotes or pricing documentation included as separate pages in this budget justification.

Chemical precursors: \$150/unit, 20 units, \$3,000.

Specialized alloys: \$600/kg, 10 kg, \$6,000.

Temperature sensors: \$250/unit, 8 units, \$2,000.

Total budgeted materials and supplies is \$11,000.

G.3. Consultant Services

Dr. I. D. Snow will be our consultant. She will work for a total of ten days (80 hours/8 hours per day) at the maximum consultant rate of \$600/day. Total requested costs are \$6,000. A copy of the signed commitment letter from Dr. Snow is included with this budget justification.

G.5. Subawards

One subaward has been reached with Brown University. A signed letter of commitment from the subaward lead, Dr. Fred Johnson, is included in the proposal package. A full subaward budget and budget justification is also included with the proposal (see below). The total subaward amount is \$35,000.

G.6 Other

ABC Machining will manufacture two sample holders, requiring an estimated 20 hours of effort. The rate for this service is \$75/hour. Total cost is $20 * \$75 = \$1,500$. We will also pay for use of electron microscopes at Purdue University, with a total of 10 hours budgeted. The cost for outside industrial users (see attached price list) is \$200/hour, for a total cost of \$2,000. Total "other" costs are \$3,500.

I. Indirect Costs

The indirect rate for this project is 40% of total salaries and wages, for a total of $\$52,000 * 40\% = \$20,800$.

K. Fee

The fee is calculated as 4.43% of the total direct plus indirect costs (line J), or \$6,370. Taking the maximum allowed fee of 7% would lead to a project budget over the \$150,000 limit for Phase I.

Facilities, Equipment, and Other Resources

13. Click on the "Go" button to the left of "Facilities, Equipment, and Other Resources": Upload a document that addresses the requirements from the solicitation.

A Facilities, Equipment and Other Resources document is required for all proposals to NSF. If your proposed project does not require any facilities, equipment or other resources - please include a statement to that effect in this module.

Forms for Temp. Proposal #7666176

Form Preparation

To prepare a form, click on the appropriate button below:

Form	Saved	Form	Saved
GO Cover Sheet	05/27/16	GO Project Summary	
GO Table of Contents	N/A	GO Project Description	
GO References Cited		GO Biographical Sketches	
GO Budgets (Including Justification)	05/27/16	GO Current and Pending Support	
GO Facilities, Equipment, and Other Resources			

Supplementary Documents

[GO](#) Data Management Plan

[GO](#) Mentoring Plan¹

[GO](#) Project Summary with Special Characters

[GO](#) Other Supplementary Docs

Single Copy Documents

[GO](#) Collaborators and Other Affiliations

[GO](#) Deviation Authorization(if applicable)

[GO](#) List of Suggested Reviewers (optional)

[GO](#) Additional Single Copy Documents

[GO](#) Add/Delete Non Co-PI Senior Personnel

[GO](#) Change PI

[GO](#) Link Collaborative Proposals

[GO](#) Add/Delete Non Co-PI Senior Personnel

[GO](#) Change PI

[GO](#) Link Collaborative Proposals

[Go Back](#)

Follow the instructions on the below screen, then click "Upload File" to upload document. Click "Go Back" until you return to the "Form Preparation" screen.

FORM: FastLane.A1FacText

SBIRONE-PI-7666176 Dickensx

Facilities, Equipment, and Other Resources

Instructions: Upload an aggregated description of the internal and external resources (both physical and personnel) that the organization and its collaborators will provide to the project, should it be funded. Describe only those resources that are directly applicable. The description should be narrative in nature and must not include any quantifiable financial information. If there are no Facilities, Equipment, or Other Resources identified, a statement to that effect should be indicated in this section and uploaded into FastLane. See GPG II.C.2.i for more information.

[Upload File](#)

[Go Back](#)

Project Summary

Follow the instructions on the below screen, then click "Upload File" to upload document. Click "Go Back" until you return to the "Form Preparation" screen.

Forms for Temp. Proposal #7666176

Form Preparation

To prepare a form, click on the appropriate button below:

Form	Saved	Form	Saved
GO Cover Sheet	05/27/16	GO Project Summary	
GO Table of Contents	N/A	GO Project Description	
GO References Cited		GO Biographical Sketches	
GO Budgets (Including Justification)	05/27/16	GO Current and Pending Support	
GO Facilities, Equipment, and Other Resources			

Supplementary Documents

[GO](#) Data Management Plan

[GO](#) Mentoring Plan¹

[GO](#) Project Summary with Special Characters

[GO](#) Other Supplementary Docs

Single Copy Documents

[GO](#) Collaborators and Other Affiliations

[GO](#) Deviation Authorization(if applicable)

[GO](#) List of Suggested Reviewers (optional)

[GO](#) Additional Single Copy Documents

[GO](#) Add/Delete Non Co-PI Senior Personnel

[GO](#) Change PI

[GO](#) Link Collaborative Proposals

[GO](#) Add/Delete Non Co-PI Senior Personnel

[GO](#) Change PI

[GO](#) Link Collaborative Proposals

[Go Back](#)

Type the "Project Summary" in the provided text boxes. The aggregate of the three text boxes cannot exceed 4,600 characters, including spaces. The maximum number of lines that may be included on a page is 51. When this section is completed, click "Save" and then "OK" to return to the "Form Preparation" screen. Information MUST be entered into all three text boxes, or the proposal will not be accepted.

DO NOT CHECK THE BOX TO ENTER YOUR PROJECT SUMMARY AS A SUPPLEMENTARY DOCUMENT.

☐ Check here if your Project Summary is uploaded as a Supplementary Document

Overview:

Intellectual Merit:

Broader Impacts:

Save Reset
Go Back

Project Description

15. Click on the "Go" button to the left of "Project Description":

The Project Description must include all required sections as outlined in the solicitation. The Project Description (complete file) cannot exceed 15 pages or the proposal will be Returned Without Review. Do not include References Cited at the end of the Project Description. There is a separate module to indicate references.

Forms for Temp. Proposal #7666176

Form Preparation

To prepare a form, click on the appropriate button below:

Form	Saved	Form	Saved
<input type="button" value="Go"/> Cover Sheet	05/27/16	<input type="button" value="Go"/> Project Summary	
<input type="button" value="Go"/> Table of Contents	N/A	<input type="button" value="Go"/> Project Description	
<input type="button" value="Go"/> References Cited		<input type="button" value="Go"/> Biographical Sketches	
<input type="button" value="Go"/> Budgets (Including Justification)	05/27/16	<input type="button" value="Go"/> Current and Pending Support	
<input type="button" value="Go"/> Facilities, Equipment, and Other Resources			

Supplementary Documents

Data Management Plan

Mentoring Plan¹

Project Summary with Special Characters

Other Supplementary Docs

Single Copy Documents

Collaborators and Other Affiliations

Deviation Authorization(if applicable)

List of Suggested Reviewers (optional)

Additional Single Copy Documents

Add/Delete Non Co-PI Senior Personnel

Change PI

Link Collaborative Proposals

N/A

Go Back

Follow the instructions on the below screen, then click "Upload File" to upload the document. Click "Go Back" until you return to the "Form Preparation" screen.

Project Description

PIs are cautioned that the Project Description must be self-contained and that URLs must not be used because: 1) the information could circumvent page limitations; 2) the reviewers are under no obligation to view the sites; and 3) the sites could be altered or deleted between the time of submission and the time of review. PIs also are reminded to comply with the instructions contained in the GPG Chapter II.C.2.d(iii) on preparing the "Results from Prior NSF Support" section.

In addition to PDF files, users can now upload a variety of word-processor files and PostScript files. These files will automatically be converted to PDF format.

Follow this link for a list of [Supported file formats](#) (Opens new window).

Follow this link for [New Upload Instructions](#) (Opens new window).

Enter the name and location of the file to upload
or click on the **Browse** button to select the file to upload

Choose File No file chosen

Upload File

Go Back

Biographical Sketches

16. Click on the "Go" button to the left of "Biographical Sketches":

Biographical sketches or resumes for all individuals described as senior personnel are required. Senior personnel are individuals with critical expertise who will be working on the project and are employed at the proposing company or at a subaward institution. Bio sketches are not to exceed two pages per person and should address the requirements in the solicitation.

Forms for Temp. Proposal #7666176

Form Preparation

To prepare a form, click on the appropriate button below.

Form	Saved	Form	Saved
GO Cover Sheet	05/27/16	GO Project Summary	
GO Table of Contents	N/A	GO Project Description	
GO References Cited		GO Biographical Sketches	
GO Budgets (Including Justification)	05/27/16	GO Current and Pending Support	
GO Facilities, Equipment, and Other Resources			

Supplementary Documents

GO Data Management Plan	
GO Mentoring Plan ¹	
GO Project Summary with Special Characters	
GO Other Supplementary Docs	

Single Copy Documents

GO Collaborators and Other Affiliations		GO Add/Delete Non Co-PI Senior Personnel	N/A
GO Deviation Authorization(if applicable)		GO Change PI	
GO List of Suggested Reviewers (optional)	N/A	GO Link Collaborative Proposals	
GO Additional Single Copy Documents			

[Go Back](#)

Click **"Go"** beside the appropriate person's name to upload their biographical sketch. Biographical sketches may be uploaded individually or as one file (under the PI).

FORM FastLane A/BioSketcher

1000

IMPORTANT NOTE: A Biographical Sketch is required for all Senior Personnel and each individual's Biographical Sketch must be uploaded as a single PDF file associated with that individual. The text box entry function for Biographical Sketch information has been disabled, therefore you should upload a Biographical Sketch for each Senior Personnel by clicking on the Senior Personnel's button and then clicking on "Transfer File". On that screen click on the Browse button to select the file and then click on the "Upload File" button and follow the instructions.

For the "Other Personnel" categories listed in the GPG Chapter II.C.2.f(ii), their biographical sketch(es) should be clearly identified as "Other Personnel" biographical information and uploaded as a single pdf file in the Other Supplementary Documents section of the proposal.

For the "Equipment Proposals" category listed in the GPG Chapter II.C.2.f(iii), biographical sketch(es) for each auxiliary user should clearly be identified as "Equipment Proposal" biographical information and uploaded as a single pdf file in the Other Supplementary Documents section of the proposal.

Personnel assigned to proposal 7666176

Go Charles Dickens	PI Nothing
------------------------------------	------------

[Go Back](#)

Type/Upload the "Biographical Sketch" in the below text box. When this section is completed, click **"Go Back"** to return to the "Form Preparation" screen.

Follow the instructions on the below screen, then click **"Upload File"** to upload document. Click **"Go Back"** until you return to the "Form Preparation" screen.

Bio Sketch

In addition to PDF files, users can now upload a variety of word-processor files and PostScript files. These files will automatically be converted to PDF format.

Follow this link for a list of [Supported file formats](#) (Opens new window).

Follow this link for [New Upload Instructions](#) (Opens new window).

Enter the name and location of the file to upload
or click on the **Browse** button to select the file to upload

[Choose File](#) | No file chosen

[Upload File](#)

[Go Back](#)

Current and Pending Support

17. Click on the **"Go"** button to the left of **"Current & Pending Support"**:

Use the NSF Current & Pending Support form provided by FastLane. A form must be submitted for the PI (and co-PI for STTR) as well as any senior personnel.

NSF considers the Phase I proposal being submitted as "Pending Support". Therefore, ALL proposals to NSF must have at least one entry in the "Current & Pending Support" form for the PI and senior personnel (this proposal).

Forms for Temp. Proposal #7666176

Form Preparation

To prepare a form, click on the appropriate button below.

<p>Form</p> <p>GO Cover Sheet</p> <p>GO Table of Contents</p> <p>GO References Cited</p> <p>GO Budgets (including Justification)</p> <p>GO Facilities, Equipment, and Other Resources</p>	<p>Saved</p> <p>05/27/16</p> <p>N/A</p> <p>05/27/16</p>	<p>Form</p> <p>GO Project Summary</p> <p>GO Project Description</p> <p>GO Biographical Sketches</p> <p>GO Current and Pending Support</p>	<p>Saved</p>
--	--	---	---------------------

Supplementary Documents

GO Data Management Plan

GO Mentoring Plan¹

GO Project Summary with Special Characters

GO Other Supplementary Docs

Single Copy Documents

GO Collaborators and Other Affiliations

GO Deviation Authorization(if applicable)

GO List of Suggested Reviewers (optional)

GO Additional Single Copy Documents

GO Add/Delete Non Co-PI Senior Personnel N/A

GO Change PI

GO Link Collaborative Proposals

Go Back

Click the radio button beside the appropriate person's name and then click **"New Form"** to upload their Current & Pending Support.

Current and Pending Support

IMPORTANT NOTE: Each individual's Current and Pending Support information must be uploaded as a single PDF file or inserted as text associated with that individual.

<p>Existing Support Forms</p> <p>No forms have been created yet.</p>	<p>Current PI, Co-PIs, and Senior Personnel</p> <p>* Charles Dickensx</p> <p style="text-align: center;">New Form</p>
---	--

Go Back

Fill in all the required information, click **"Save Text"** and then **"Go Back"** until you return to the "Form Preparation" screen.

Current and Pending Support

for Charles Dickensx on proposal# 7666176

Form Specific Instructions

Enter all dates in the format mm/dd/yy.

Press the 'Go Back' button to return to the list of all PI-Co-PIs and their support items.

Project/Proposal Title:

Source of Support:

Project Location:

Total Award Amount: Starting Date (MM/DD/YY):

(optional) Ending Date (MM/DD/YY):

Support Type

* Current ☐ Submission Planned in Near Future ☐

☐ Pending ☐ Transfer of Support (See [Note On Transfer](#))

Person-months Per Year Committed to the Project

Calendar (as of): Academic (as of): Summer (as of):

Note On Transfer:

If this project has previously been funded by another agency, please list and furnish information for immediately preceding funding period.

[Back to Support Types](#)

Save Text Delete Text Transfer File

Go Back

Follow the instructions on the below screen, then click **"Upload File"** to upload the document. Click **"Go Back"** until you return to the "Form Preparation" screen.

Current and Pending Support

In addition to PDF files, users can now upload a variety of word-processor files and PostScript files. These files will automatically be converted to PDF format.

Follow this link for a list of [Supported file formats](#) (Opens new window).

Follow this link for [New Upload Instructions](#) (Opens new window).

Enter the name and location of the file to upload
or click on the **Browse** button to select the file to upload

Choose File No file chosen

Upload File

Go Back

18. Click on the "Go" button to the left of "Data Management Plan":

Proposals must contain a supplementary document labeled "Data Management Plan" which can simply consist of the statement, ***"All data generated in this SBIR (or STTR) Phase I project is considered proprietary."***

Forms for Temp. Proposal #7666176

Form Preparation

To prepare a form, click on the appropriate button below.

Form	Saved	Form	Saved
GO Cover Sheet	05/27/16	GO Project Summary	
GO Table of Contents	N/A	GO Project Description	
GO References Cited		GO Biographical Sketches	
GO Budgets (Including Justification)	05/27/16	GO Current and Pending Support	
GO Facilities, Equipment, and Other Resources			

Supplementary Documents

[GO](#) Data Management Plan

[GO](#) Mentoring Plan¹

[GO](#) Project Summary with Special Characters

[GO](#) Other Supplementary Docs

Single Copy Documents

[GO](#) Collaborators and Other Affiliations

[GO](#) Deviation Authorization(if applicable)

[GO](#) List of Suggested Reviewers (optional)

[GO](#) Additional Single Copy Documents

[GO](#) Add/Delete Non Co-PI Senior Personnel

[GO](#) Change PI

[GO](#) Link Collaborative Proposals

Go Back

Follow the instructions on the below screen, then click "Upload File" to upload the document. Click "Go Back" until you return to the "Form Preparation" screen.

You must have the Adobe Acrobat viewer installed on your computer in order to display PDF files. If you do not have the viewer installed, refer to [Using Adobe Acrobat Reader for Printing](#) for information on locating and installing the viewer.

Per the NSF Grant Proposal Guide (GPG) Chapter II.C.2.3, a data management plan of up to two pages is required. Unless otherwise specified in the solicitation, the data management plan may not exceed the two page limitation. Proposals containing data management plans that exceed two pages may be returned without review if this issue is not corrected prior to proposal submission.

While the supplementary document containing the data cannot exceed two pages, proposers who feel that the plan cannot fit within the supplement limit of two pages may use part of the 15-page Project Description for additional data management information.

Data Management Plan

In addition to PDF files, users can now upload a variety of word-processor files and PostScript files. These files will automatically be converted to PDF format.

Follow this link for a list of [Supported file formats](#) (Opens new window).

Follow this link for [New Upload Instructions](#) (Opens new window).

Enter the name and location of the file to upload
or click on the **Browse** button to select the file to upload

Choose File

No file chosen

Upload File

Go Back

Mentoring Plan

19. Click on the "Go" button to the left of "Mentoring Plan":

If the SBIR or STTR project will include a sub-award to an academic institution, and that institution is requesting funding for postdoctoral researchers, a "Post Doc Mentoring Plan" must be included as a supplementary document in this proposal. Otherwise, you may skip this section. **Note that employees of the small business or other for-profit companies DO NOT count as postdocs, as they relate to this requirement, and should not be budgeted on line B.1.**

Please consult the solicitation for more information and a sample mentoring plan.

Forms for Temp. Proposal #7666176

Form Preparation

To prepare a form, click on the appropriate button below.

Form	Saved	Form	Saved
GO Cover Sheet	05/27/16	GO Project Summary	
GO Table of Contents	N/A	GO Project Description	
GO References Cited		GO Biographical Sketches	
GO Budgets (Including Justification)	05/27/16	GO Current and Pending Support	
GO Facilities, Equipment, and Other Resources			

Supplementary Documents

[GO](#) Data Management Plan

[GO](#) Mentoring Plan¹

[GO](#) Project Summary with Special Characters

[GO](#) Other Supplementary Docs

Single Copy Documents

[GO](#) Collaborators and Other Affiliations

[GO](#) Deviation Authorization(if applicable)

[GO](#) List of Suggested Reviewers (optional)

[GO](#) Additional Single Copy Documents

[GO](#) Add/Delete Non Co-PI Senior Personnel

[GO](#) Change PI

[GO](#) Link Collaborative Proposals

Go Back

Follow the instructions on the below screen, then click "Upload File" to upload the document. Click "Go Back" until you return to the "Form Preparation" screen.

FORM: FastLane A1Main

You must have the Adobe Acrobat viewer installed on your computer in order to display PDF files. If you do not have the viewer installed, refer to [Using Adobe Acrobat Reader for Printing](#) for information on locating and installing the viewer.

Notice: Mentoring plans are not required for conference, symposium or workshop proposals. When submitting this type of proposal, a document must be uploaded in place of the Mentoring Plan, noting only "Not applicable - Conference, symposium or workshop proposal." For further information on proposal preparation instructions for these types of proposals, please refer to the GPG chapter II.D.8.

For the NSF Grant Proposal Guide (GPG) Chapter II.C.2., each proposal that requests funding to support postdoctoral researchers must include a mentoring plan of up to one page. Unless otherwise specified in the solicitation, the mentoring plan may not exceed the one page limitation. Proposals containing mentoring plans that exceed one page may be returned without review if this issue is not corrected prior to proposal submission.

Mentoring Plan

In addition to PDF files, users can now upload a variety of word-processor files and PostScript files. These files will automatically be converted to PDF format.

Follow this link for a list of [Supported file formats](#) (Opens new window).

Follow this link for [New Upload Instructions](#) (Opens new window).

Enter the name and location of the file to upload
or click on the **Browse** button to select the file to upload

Choose File No file chosen

Upload File

Go Back

Other Supplementary Docs

19. Click on the "Go" button to the left of "Other Supplementary Docs":

Forms for Temp. Proposal #7666176

Form Preparation

To prepare a form, click on the appropriate button below.

Form	Saved	Form	Saved
GO Cover Sheet	05/27/16	GO Project Summary	
GO Table of Contents	N/A	GO Project Description	
GO References Cited		GO Biographical Sketches	
GO Budgets (Including Justification)	05/27/16	GO Current and Pending Support	
GO Facilities, Equipment, and Other Resources			

Supplementary Documents

[GO](#) Data Management Plan

[GO](#) Mentoring Plan¹

[GO](#) Project Summary with Special Characters

[GO](#) Other Supplementary Docs

Single Copy Documents

[GO](#) Collaborators and Other Affiliations

[GO](#) Deviation Authorization(if applicable)

[GO](#) List of Suggested Reviewers (optional)

[GO](#) Additional Single Copy Documents

[GO](#) Add/Delete Non Co-PI Senior Personnel

[GO](#) Change PI

[GO](#) Link Collaborative Proposals

Go Back

Reference the current solicitation for restrictions and explanations of what NSF requires and what NSF allows in the Supplementary Documents. Items beyond those specifically requested and permitted should not be included. You are encouraged to compile and convert all of your Supplementary Documents into a single PDF file and upload using the "Transfer File" button below.

Type/Upload your necessary information in the below text box. When this section is completed, click "Go Back" to return to the "Proposal Actions" screen.

FORM: FastLane A1Supp1Text

SBIRONE-P

Other Supplementary Docs

Enter text for the Other Supplementary Docs or click on "Transfer File" to upload a file

Save Text Delete Text Transfer File

Go Back

Follow the instructions on the below screen, then click "Upload File" to upload document. Click "Go Back" until you return to the "Proposal Actions" screen.

You must have the Adobe Acrobat viewer installed on your computer in order to display PDF files. If you do not have the viewer installed, refer to [Using Adobe Acrobat Reader for Printing](#) for information on locating and installing the viewer.

Supplementary Documents

In addition to PDF files, users can now upload a variety of word-processor files and PostScript files. These files will automatically be converted to PDF format.

Follow this link for a list of [Supported file formats](#) (Opens new window).

Follow this link for [New Upload Instructions](#) (Opens new window).

Enter the name and location of the file to upload
or click on the **Browse** button to select the file to upload

Choose File No file chosen

Upload File

Go Back

3. Proposal Submission

Print Proposal

If you have completed all the above actions you are now ready to submit your proposal. If you want to print out your proposal before moving to the submission and printing section below, return to the "Proposal Actions" screen and click on the **"Print"** button. **This will allow you to have a hard copy of what you have entered into FastLane.** (*The printed proposal is not your official proposal*). Note that only those persons listed as official Sponsored Research Officers (SROs) have the ability to complete submission of the proposal to NSF.

- If you have SRO Access Rights, you can click the **"Submit SBIR"** or **"Submit STTR"** button and the proposal will be submitted to NSF. You will receive a confirmation email with the new NSF Proposal ID.
 - If you **do not** see the "Submit SBIR" or "Submit STTR" button on the "Proposal Action" screen, you do not have the FastLane SRO Access Rights and should follow the directions below.
- Submitting a proposal to NSF involves two steps in the Research Administration portal:
- Submitting the proposal to NSF
 - Electronically signing the proposal

Allow SRO Access

1. To begin the submission process, return to the Proposal Actions screen; select and highlight the proposal you wish to submit and click on the button **"Allow SPO Access"**.

FORM: FastLaneProposal

Proposal Actions

***Please note:** A Data Management Plan will be required for all proposals submitted on or after January 18, 2011. FastLane will be updated to enable its upload as a separate Supplementary Document. Proposals that do not include the requisite plan will be stopped from submission. Specific guidance is included in Chapter III.C.2.2 of the revised NSF Proposal & Award Policies & Procedures Guide.

FastLane will automate the enforcement of deadline dates. Proposers should allow sufficient time to submit proposals before 5 PM submitter's local time on the deadline date(s) shown below or they risk not being able to submit their proposal to NSF.

Temporary Proposals in Progress

Temporary Proposal #	Title of the Proposal	Deadline Date
7666176		
7666175		

[Edit](#) [Delete](#) [Check](#) [Allow SPO Access](#) [Proposal PIN](#) [Print](#)

Create New Proposal

[Create Blank Proposal](#) [SBIR Phase I](#) [SBIR Phase II](#) [STTR Phase I](#) [STTR Phase II](#)

[Go Back](#)

In step 2. At this point, FastLane may notify you of some warnings and/or errors related to the proposal. **"Errors"** will prevent you from submitting the proposal until they are remedied. You will receive an "error" if modules or required documents are missing that must be included per NSF policy. **Proposers are strongly encouraged to submit their proposal early (days, not hours) to ensure adequate time is afforded to troubleshoot any errors that will prevent submission at this stage. FastLane will not accept any proposals after 5:00 pm (submitter's time zone as registered in FastLane).**

Proposal Errors/Warnings For Temporary Proposal Id 7666176

Proposal Errors

Items listed here will prevent submission.
Print this page for reference before returning to the Form Preparation screen.

- Collaborative Status Unanswered - Select an option on the Cover Sheet.
- No Funding Mechanism Selected - Select a Funding Mechanism on the Cover Sheet.
- Invalid Year Firm Founded - Enter a 4-digit Year Firm Founded on the SBIR/STTR section of the Remainder of the Cover Sheet form.
- Small Business Concern 1 Unanswered - Enter a response to Small Business Concern Item 1 on the Remainder of the Cover Sheet form.
- Small Business Concern 2 Unanswered - Enter a response to Small Business Concern Item 2 on the Remainder of the Cover Sheet form.
- Small Business Concern 3 Unanswered - Enter a response to Small Business Concern Item 3 on the Remainder of the Cover Sheet form.
- Small Business Concern 4 Unanswered - Enter a response to Small Business Concern Item 4 on the Remainder of the Cover Sheet form.
- Small Business Concern 5 Unanswered - Enter a response to Small Business Concern Item 5 on the Remainder of the Cover Sheet form.
- Small Business Concern 6 Unanswered - Enter a response to Small Business Concern Item 6 on the Remainder of the Cover Sheet form.
- Small Business Concern 7 Unanswered - Enter a response to Small Business Concern Item 7 on the Remainder of the Cover Sheet form.
- Small Business Concern 8 Unanswered - Enter a response to Small Business Concern Item 8 on the Remainder of the Cover Sheet form.
- Small Business Concern 9 Unanswered - Enter a response to Small Business Concern Item 9 on the Remainder of the Cover Sheet form.
- Small Business Concern 10 Unanswered - Enter a response to Small Business Concern Item 10 on the Remainder of the Cover Sheet form.
- Small Business Concern 11 Unanswered - Enter a response to Small Business Concern Item 11 on the Remainder of the Cover Sheet form.
- No Topic Selected - Select on SBIR/STTR Phase I Topic on the Remainder of the Cover Sheet form.

- Project Summary: You must enter information in all three text boxes on the Project Summary Page.
- No Data Management Plan - A Data Management Plan has not been completed. Please upload a Data Management Plan in the 'Supplementary Documents: Data Management Plan' section. Your proposal may be returned without review if this issue is not corrected prior to proposal submission.
- No Deadline/Target Date - a deadline or target date has not been selected on the Cover Sheet of the proposal. To correct this error, update the Cover Sheet by selecting an appropriate deadline or target date from the 'Deadline/Target Date' dropdown.

FastLane may also give you **"warnings"** that do not prevent proposal submission, but could indicate missing items that are required by the solicitation. **Please be sure to review and address these warnings in the context of the specific solicitation requirements.**

Proposal Warnings

Items listed here will not prevent submission.
Print this page for reference before returning to the Form Preparation screen.

- Insufficient Amount Requested - An amount not greater than \$1 has been entered for the Requested Amount on the Remainder of the Cover Sheet form.
- Insufficient Duration Requested - A duration less than 1 month has been entered for the Proposal Duration on the Remainder of the Cover Sheet form.
- No Title - A Title for the Proposed Project has not been entered on the Remainder of the Cover Sheet form.
- No Starting Date - A Requested Starting Date has not been entered on the Remainder of the Cover Sheet form.
- No Year Firm Founded - The Year Firm Founded has not been entered as a four-digit number on the Remainder of the Cover Sheet form.
- No Past Year Employee Count - The Average Number of Employees for the Previous 12 Months has not been entered on the Remainder of the Cover Sheet form.
- No Employee Count - The Current Number of Employees has not been entered on the Remainder of the Cover Sheet form.
- No Officer Name - The Company Officer Name has not been entered on the Remainder of the Cover Sheet form.
- No Officer Title - The Company Officer Title has not been entered on the Remainder of the Cover Sheet form.
- No Officer Phone Number - The Company Officer Telephone Number has not been entered on the Remainder of the Cover Sheet form.
- No President Name - The President Name has not been entered on the Remainder of the Cover Sheet form.
- Missing DUNS Number - Enter a valid 9 digit DUNS Number for the institution.
- Organization-DUNS Conflict - The identified organization cannot be found in the System for Award Management (SAM) as the organization is either: (1) not registered in SAM or (2) the record in FastLane Research Administration (including the DUNS number and address) does not match the data in SAM. Proposers are required to register in SAM prior to proposal submission. Failure to complete the SAM registration process prior to proposal submission may impact the processing of the proposal.

When you are ready to continue, click **"Proceed"** to continue the submission process.

3. If you are ready to complete the submission process, select the third **"Go"** button for "Allow AOR to view, edit and submit proposal."

FORM: FastLane.A1FormSel
SI

Sponsored Project Office (SPO) Access Control

Current SPO Access for proposal 7666176 is set to None

GO

GO

GO

Allow SPO to view proposal

Allow SPO to view and edit the proposal

Allow AOR to view, edit and submit proposal

Go Back

4. Then click the **"OK"** button on the below screen.

FORM: GNFA1Main
SB

The AOR now has complete access to proposal 7666176

Your proposal is not submitted until your AOR submits the proposal to NSF. Once the proposal is submitted, you will be sent an e-mail with the official NSF proposal number. You can then use FastLane to check the status of the proposal. Once the proposal is submitted, the proposal will no longer appear on the Proposal Actions screen when you log into Proposal Preparation to prepare a proposal. The submitted proposal will show up in your list of Submitted Proposals.

OK

Email(s) has been sent to the following individuals, notifying them of proposal access.

Alan Alphaman

SRO Access Steps

At this point, the Sponsored Research Officer (SRO) has to take the following steps to submit the proposal to NSF.

1. Go to the FastLane Home Page and select the "Research Administration" link.

[Proposals, Awards and Status](#) |
 [Proposal Review](#) |
 [Panelist Functions](#) |
 [Research Administration](#) |
 [Financial Functions](#)

[Honorary Awards](#) |
 [Graduate Research Fellowship Program](#) |
 [Postdoctoral Fellowships and Other Programs](#)

2. The authorized organizational representative will be asked to provide the following Log-in information: -Last Name

-NSF ID

-Password

Research Administration

Login for the following permission based functions:

- Accounts Management
- Letters of Intent
- Proposals/Supplements/File Updates/Withdrawals
- Award Documents
- Forwarded/Submitted Revised Budgets
- Notifications & Requests
- Organizational Reports
- Project Reports
- Authorized Organizational Representative Functions

Log In

Last Name:
NSF ID:
[Privacy Act](#)
Password:

Select one:
☒ Research Administration
☐ Submit EDI Proposals

[Log In](#)
[Forgot Password?](#)
[Lookup NSF ID](#)

3. Click **"Proposals/Supplements/File Updates/Withdrawals"**. The screen displays on the **Documents in Progress** tab.

Research Administration

Select a Research Administration function for Test Institution:

- Accounts Management
- Letters of Intent
- Proposals/Supplements/File Updates/Withdrawals**
- Award Documents
- Forwarded/Submitted Revised Budgets
- Notifications & Requests
- Organizational Reports
- Project Reports
- Authorized Organizational Representative Functions

New In Box

Now you can easily review current work in progress directly from this page.

Click below to select current items for review.

In Box

	Proposals/Supplements/File Updates/Withdrawals	1 items for review
	Forwarded/Submitted Revised Budgets	0 items for review
	Notifications & Requests	0 items for review
	ADR Functions	0 items for review
	Letters of Intent	0 items for review

4. Click **"Submit"** in the row for the proposal you want to submit.

Proposals/Supplements/File Updates/Withdrawals | MAIN

Organization: Test Institution

[Documents in Progress](#)
[Withdrawals In Progress](#)
[Submitted Documents](#)

Search for Proposal Documents in Progress by Temporary Proposal ID and/or PI Last Name:

Temporary Proposal ID: (Enter 7 digits) PI Last Name: (Enter at least first two characters) [Search](#)

All Documents

Click on Temp ID to view the Proposal Document. Sort results by clicking the column title.

1 Document found.

Temp ID	Type	Access Level	PI Name	Proposal Title	Check	Edit	Submit	Return to PI
7154556	Proposal	View/Edit/Submit	B, A	SBIR Phase I: test title	Check	Edit	Submit	Return to PI

Transfer Data to: [Excel](#)

[Cancel](#)

5. The "Proposal Errors/Warnings" screen gives you the capability to submit the proposal, if there are no errors that prevent submission. Warnings will not prevent submission, but may alert you to missing items that are required by the specific program or solicitation. You are urged to address and correct these issues.

Proposals/Supplements/File Updates/Withdrawals | MAIN

Organization: Test Institution

[Documents in Progress](#)
[Withdrawals In Progress](#)
[Submitted Documents](#)

Proposal Errors/Warnings For Temporary Proposal Id 7154556

Proposal Warnings

Items listed here will not prevent submission.

Print this page for reference before returning to the Form Preparation screen.

- Invalid Zip Code Found - The Zip Code of the institution must be 5 digits.
- Missing DUNS Number - Enter a valid 9 digit DUNS Number for the institution.
- Organization DUNS Conflict - The identified organization cannot be found in the Central Contractor Registration (CCR) as the organization is either: (1) not registered in CCR or (2) the record in FastLane Research Administration (including the DUNS number and address) does not match the data in the CCR. Effective January 5, 2005, proposals are required to register in the CCR prior to proposal submission. Failure to complete the CCR registration process prior to proposal submission may impact the processing of the proposal.

INDEX

- [Proposal](#)
- [Sponsoring Authority Certification Section](#)
- [Declaration Section](#)
- [Lobbying Certification Section](#)
- [Contracts Certification Section](#)
- [Signature Section](#)

Submit Proposal

5. There are two options at this point: **Submit and Sign the Proposal** or **Submit the Proposal Only**. The steps below are for the **Submit and Sign the Proposal** option. (If you are an SPO with AOR permissions, you have the capability to submit and sign the proposal. If you submit without signing, please have the AOR sign the proposal within 5 days of submission.)

5a. **"Debarment and Suspension"**: click the **radio button for "Yes or No"** if there are any debarments or suspensions of you or of your organization from transactions with federal agencies. (If you answered Yes, provide an explanation in the text box.)

Is the organization or its principals presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency?

☒ No
☐ Yes (If "yes" please provide an explanation below.)

By electronically signing the NSF Proposal Cover Sheet, the Authorized Organizational Representative or Individual Applicant is providing the Debarment and Suspension Certification contained in Exhibit II-4 of the Grant Proposal Guide.

5b. **Institution Information**: Check the accuracy of your organization's information, then click **"Sign and Submit"**.

Institution Information

DUNS Number: 111111111 DUNS Qualifier:

Authorized Organizational Representative(AOR) information will be added when electronically signed by AOR.

The following authorized organizational representative(AOR) information will be printed on the proposal coversheet after the proposal is electronically signed by AOR. If this information is incorrect, please have it modified before signing the proposal electronically. This information can be modified by an authorized user at your organization using the 'Add, Modify, and Delete FastLane Users' module of 'Research Administration' application.

Name: a bII
Phone: 1234567891
Fax:
E-mail: test@yahoo.com

You have the Authorized Organizational Representative(AOR) permission to electronically sign and submit the proposal.

Sign and Submit **Cancel and Do Not Submit**

5c. **Proposal Submission Confirmation** screen: Displays a message that the proposal has been successfully submitted to NSF. It also displays the official NSF proposal number which has been assigned.

- Write down the NSF proposal number
- Print a copy of the **Proposal Submission Confirmation** screen, if desired
- Click the **"OK"** button to return to the "Documents in Progress" tab

PROPOSAL SUBMISSION CONFIRMATION

Proposal 9008911 has been successfully submitted to NSF

This proposal has now been assigned the following NSF Proposal Number:
0612913

Please make a note of this number, it is the official NSF proposal number.
Your Signature has been recorded

OK

This is the Proposal Number you should reference in all communications with NSF regarding this proposal henceforward.

Note: User's lack of familiarity with FastLane is not a valid excuse for submitting a late proposal, nor are warnings/errors received at the time of submission. Therefore, we strongly advise all submitters to ensure the proposal is submitted EARLY (days - not hours - before each deadline).