SMALL BUSINESS VOUCHERS PILOT: Round 3 Overview

Mike Paulus
Oak Ridge National Laboratory
Outline

• SBV Pilot Goals, Purpose, and Background
• Brief Review of Round 2 Results
• Round 3 Schedule and Logistics
• RFA Outline
• Scoring
• RFA Submission Process
• Q&A
SBV Pilot Goals, Purpose, and Background
Small Business = Big Economic Impact

SMALL BUSINESS FACTS
Driving the spirit of innovation, entrepreneurship and individual initiative.

23 million small businesses representing
99% of all employers
account for more than 1/2 of all private sector jobs

Source: Council on Small Businesses

DOE awarded ~$15M in Small Business Vouchers in FY16 and has made another $12M available in FY17.

Eligible Small Businesses are US based and US owned for profit entities with fewer than 500 employees world wide.
Our mission is to significantly increase the industrial impact of DOE national labs on the U.S. clean energy sector.

- Increase and enhance lab-private sector partnerships
- Increase and streamline access to national lab capabilities
- Demonstrate the value of lab-developed science and technology
Small Business Challenges in Accessing Lab Capabilities:
- Cannot afford it
- Contracting process is too long and burdensome
- Lab system is difficult to navigate (cannot locate right researcher)

The SBV Pilot Addresses Small Business Challenges by:
- Making funding available for ~100 vouchers.
- Streamlining back end business practices to shorten contracting process.
- Implementing a support network to help small businesses navigate the entire lab system by technology area.
12 DOE national laboratories participating in SBV in 9 tech areas
Voucher R&D Areas and Types of Assistance

**Voucher R&D Technology Areas***
- Advanced Manufacturing
- Bioenergy
- Buildings
- Fuel Cells
- Geothermal
- Solar
- Water Power
- Wind
- Vehicles

*Specific descriptions available on sbv.org on the Technologies pages.

**Example types of work**
- Prototyping
- Materials characterization
- High performance computations
- Modeling and simulations
- Intermediate scaling to generate samples for potential customers
- Validation of technology performance
- Designing new ways to satisfy regulatory compliance.
Brief Review of Round 2 Results
Over 900 Requests for Assistance over 2 rounds

Round 1
• 33 small businesses selected
• 40% of applicants new to the labs
• $6.7 million in vouchers

Round 2
• 43 small business selected
• 55% of applicants new to the labs
• $8 million in vouchers
Total Voucher Submissions in Round 1 and 2

<table>
<thead>
<tr>
<th>Category</th>
<th>Round 1</th>
<th>Round 2</th>
<th>Round 2 (MHK)</th>
<th>Combined (Round 1)</th>
<th>Hydro (Round 2)</th>
<th>Wind</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Manufacturing</td>
<td>135</td>
<td>95</td>
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<tr>
<td>Bioenergy</td>
<td>35</td>
<td>36</td>
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<tr>
<td>Buildings</td>
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<tr>
<td>Fuel Cells</td>
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<td>Geothermal</td>
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<tr>
<td>Solar</td>
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<tr>
<td>Vehicles</td>
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<td>42</td>
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<tr>
<td>Water - Hydro, MHK</td>
<td>18</td>
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<tr>
<td>Wind</td>
<td>22</td>
<td>31</td>
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Number of Submissions
### Average Age of Businesses

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<tr>
<th>SBV Technology Areas</th>
<th>Round 1</th>
<th>Round 2</th>
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<tr>
<td>Bioenergy</td>
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<td>Advanced Manufacturing</td>
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<tr>
<td>Wind</td>
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*oldest = 87 years (Adv Man)

MHK & Hydro Combined (Round 1)
Small Business FTE Count

Round 1

- <=10: 348
- 11-50: 77
- 51-150: 18
- >=151: 7

Round 2

- < 10: 302
- 11 to 49: 72
- 50 to 149: 13
- >=150: 5

Number of FTEs
## TRL levels: All Requests – Round 1 vs. Round 2

<table>
<thead>
<tr>
<th>Type of Activity</th>
<th>Round 1</th>
<th>Round 2</th>
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<tbody>
<tr>
<td>System Test, Launch &amp; Operations</td>
<td>30% of requestors – achieved commercial sales</td>
<td>30% of awardees – achieved commercial sales</td>
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<tr>
<td>System/Subsystem Development</td>
<td>52% of requestors – pilot technology demonstration</td>
<td>53% of awardees – pilot technology demonstration</td>
</tr>
<tr>
<td>Technology Demonstrations</td>
<td>77% of requestors – prototype created/tested</td>
<td>71% of awardees – prototype created/tested</td>
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<tr>
<td>Technology Development</td>
<td>80% of requestors – demonstrated feasibility of the technology in a lab</td>
<td>81% of awardees – demonstrated feasibility of the technology in a lab</td>
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<td>Research to Prove Feasibility</td>
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<tr>
<td>Basic Technology Research</td>
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</table>
General Observations from Round 2

• The selection process was very competitive.
• Clear alignment with Technology Areas is critically important.
• In general, team qualifications and experience scored well. If in-kind contributions are planned as cost share, the team must have the expertise and resources to perform the planned work.
• In general, scores for problem definition and impact were somewhat lower than the team and resources scores.
Round 3 Schedule and Logistics
Round 3 Schedule

- October 10, 2016 - Round 3 Request for Assistance (RFA) Opens
- November 10, 2016 - Round 3 RFA submission closes, 11:59 PM Eastern Standard Time
- Mid-Late January, 2017 - Notification of semi-finalist selections
- Late January-Early February 2017 - Semi-finalists work with lab staff on statement of work
- Mid-Late February, 2017 - Finalists notified for final award negotiation
- March 2017 - SBV work can begin
Selection Stages

- **Applicant:** Submitted Request for Assistance before deadline
- **Semi-Finalist:** Selected to work with a National Laboratory to develop a Statement of Work (Top ~10-15%)
- **Finalist:** Selected for CRADA or TAPA Negotiation (~30-35 Vouchers; DOE Program Offices may request modifications to Statements of Work)
- **Awardee:** Entered CRADA or TAPA
Careful Study of the Notice of Opportunity is Strongly Encouraged

Notice of Opportunity has critical info

• Specific technology areas and funding levels
• Merit review criteria and weighting
• Terms and conditions (standard agreements)
• Reporting requirements
• Cost share
• Request for assistance template

Eligibility

Small Businesses must be a **for-profit business** with fewer than 500 employees worldwide, be **U.S.-based and U.S.-owned**, AND...

- **Unique Lab Capabilities**: Request assistance that is not reasonably available in the private sector. Projects are intended to make available the specialized expertise and equipment at the national labs, not compete with the private sector.

- **Cost Share**: Commit to a 20% cost share which can be in-kind. Examples: labor, travel, materials, equipment, or data. Federally funded awards, such as SBIR/STTR, may not be used for small business cost share. More information on cost share is included in the Notice of Opportunity: Request for Assistance, section G.

- **Agreements**: Sign one of two short, non-negotiable agreements that govern intellectual property and other terms. The agreements are 1) SBV Technology Assistance Pilot Agreement (TAPA) or 2) Short Cooperative Research and Development Agreement (Short CRADA)

- **Reporting**: Commit to providing results during the project and for up to ~5 years after the project start date.

- **Release of Information**: Agree to allow non-proprietary information about your business and the success of the assistance to be featured in publicly available stories by DOE and the labs.
Two Standard Non-Negotiable Agreements:
(1) SBV Cooperative Research & Development Agreement (CRADA)
(2) SBV Technology Assistance Pilot Agreement (TAPA)

Intellectual Property Language in both agreements is the same: The small business is granted a paid-up, royalty-free, nonexclusive license, without the right to sublicense, in a limited Field of Use.

Why standardized agreements? Both labs and small businesses have expressed desire to streamline the SBV agreement process by establishing pre-negotiated terms and conditions, especially on IP.

Why two agreements? To allow for as much flexibility in small business engagement as possible, the SBV Pilot will offer a choice between the TAPA (non-IP generating work) and the CRADA (IP generating work).
Reporting Requirements & Cost Share

Requests selected for Vouchers must agree to provide the following:

**Report Data for 5 Years:**

A third-party evaluator will request information from small business voucher recipients annually through 2020 (5 years).

Data will be gathered through a web survey expected to take 30 mins of your time each year.

**20% Cost Share (cash or in-kind)**

Allowable in-kind contributions include, but are not limited to:

- personnel costs,
- indirect costs,
- facilities and administrative costs, the value of a service, other resource, or third party in-kind contribution.
- time incurred to provide evaluation data for 5 years can be included.

Additional Details on Reporting and Cost Share are in the Notice of Opportunity
# Page Limits and Formatting

Requests may be deemed non-compliant if the following format is not followed:

<table>
<thead>
<tr>
<th>Page Limits:</th>
<th>Additional Requirements:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Maximum of 4 pages of text following the outline in the Notice of Opportunity</td>
<td>- Use 11 Times New Roman font and 1” margins</td>
</tr>
<tr>
<td>- Maximum of 3 pages of supporting documentation consisting of resumes for company personnel and/or</td>
<td>- Tables and graphics may have smaller font, as long as the</td>
</tr>
<tr>
<td>support letters</td>
<td>information is legible</td>
</tr>
</tbody>
</table>

A template is provided for your convenience at sbv.org
Request for Assistance
RFA Components

- RFA Word Document (4 pages plus 3 supporting pages)
- Excel File with demographic data for SBV database
- Summary slide
- Data entered into DOE Exchange system
1. RFA Word Document

- Body of RFA limited to 4 pages
- 3 additional supplementary pages may be submitted
  - Resumes
  - Letters of Support
- Use 11 point Times New Roman Font and 1” margins
- More detailed instructions are provided in the RFA Template found on sbv.org and EERE Exchange
RFA Word Document Outline

• **Company Overview:** Describe the mission and vision for your company as it relates to this request for assistance

• **Problem Definition:** Describe the challenge your company is facing and how this assistance, if granted, will help you overcome that challenge

• **Project Impact:** Describe how this project, if successful, will contribute to one of more of the DOE EERE mission areas
RFA Document Outline (cont.)

- **Use of Project Results:** Describe how the results of the proposed assistance will be used to advance the development of your company’s products or services and the impact the requested assistance will have on your business and the market.

- **Team:** List the key members of your company’s leadership and technical team. Briefly describe their qualifications and experience.

- **Cost Share:** Describe how your company will provide a minimum of 20% cost share. If providing in-kind cost share, indicate how you plan to contribute to the project.
2. Additional Questions Form

<table>
<thead>
<tr>
<th>Small Business Vouchers Round 3 RFA - Additional Questions</th>
<th>Record responses in this column</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. SBV Request Title:</td>
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<tr>
<td>2. Author First Name:</td>
<td></td>
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<tr>
<td>3. Author Last Name:</td>
<td></td>
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<tr>
<td>4. Author Email:</td>
<td></td>
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<tr>
<td>5. Number of Full Time Equivalent (FTE) Employees:</td>
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<tr>
<td>6. Have you attracted private investment?</td>
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<tr>
<td>7. If so, choose the primary type of investment you have attracted:</td>
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</tr>
<tr>
<td>8. Have you achieved sales?</td>
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<tr>
<td>9. If so, what is your current revenue from the product associated with this SBV?</td>
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</tr>
<tr>
<td>10. Has your company worked with a National Laboratory or Federal Government in the past?</td>
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</tr>
<tr>
<td>11. If so, please indicate the Laboratory:</td>
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<tr>
<td>12. If so, please indicate the type of engagement:</td>
<td></td>
</tr>
<tr>
<td>13. How would you rate your knowledge of DOE National Laboratory capabilities and facilities? (1 – 10, 1 is low, 10 is high)</td>
<td></td>
</tr>
<tr>
<td>14. Preferred SBV Lab (indicate one primary Lab, optional):</td>
<td></td>
</tr>
</tbody>
</table>

EXCEL Spreadsheet with demographic information that will be added to the SBV database
### 3. Summary Slide

**Name of Small Business**

**LOCATION**

<table>
<thead>
<tr>
<th>Company Summary</th>
<th>Requested National Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert a short summary about your company</td>
<td>List if more than one</td>
</tr>
</tbody>
</table>

**Problem Statement**

Insert short summary of the aim of the problem your company is trying to overcome through this project, proposed tool(s) and/or desired insight, approach, and/or strategy for implementing and/or commercializing your technology.

**Background Information**

Prior Lab Relationships: N# of Employees:

**Potential Work Scope & Deliverables**

<table>
<thead>
<tr>
<th>Task 1</th>
<th>Task 2</th>
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<tbody>
<tr>
<td>• Please customize this table as appropriate</td>
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<td>• Two</td>
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<td>• One</td>
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<td>• Two</td>
<td></td>
</tr>
</tbody>
</table>

**Technology / Project Impact**

Insert a description (text and/or graphic) of current market conditions and describe how this project will result in a significant advancement in your area of focus.

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From EXCEL Questions

Best Estimate

Condensed from RFA
Scoring
Alignment with Technology Area is Very Important

- SBV funding is provided by specific DOE Program Offices.
- Congress has defined the specific technology areas for which Program Office funds may be used.
- Successful Round 1 RFAs were well aligned with one or more of the technology areas described in Table 1 of the Notice of Opportunity.
- The EERE Strategic Plan (energy.gov/eere/downloads/eere-strategic-plan) is a useful reference.
Merit Review Criteria

- Potential for Impact (33%)
- Problem Definition (33%)
- Team and Resources (33%)
- Program Policy Factors
Potential for Impact (33%)

- **Mission** – Extent to which solving the stated problem will enable the achievement of the goals as described in “Technology Areas” section of the Notice of Opportunity

- **Innovation** - Extent to which solving the stated problem represents a significant market improvement

- **Market Impact** –
  - Extent to which the solving the stated problem will lead to a commercially successful product and company
  - Adequacy, specificity, and reasonableness of the stated commercial impacts of solving the stated problem
  - Extent to which solving the stated problem will result in a high value product or solution that transforms the industry
Problem Definition (33%)

• **Problem Identification**— Extent to which applicant discusses and demonstrates understanding of the key technical and commercial challenges involved in the proposed work.

• **Quality and Reasonableness**— Extent to which the requester states a valid technical issue which can reasonably be solved within the budget and scope of this program.
Team and Resources (33%)

- **Capabilities** - The extent to which the capability of the proposed requester’s team, can address the relevant aspects of the proposed project with a good chance of success, including, but not limited to, qualifications, relevant expertise, and time commitment of the individuals on the team.

- **Resources** - Ability of the requester to support the proposed work.
RFA Submission Process
Submit RFA at sbv.org

Powering the Clean Energy Economy

The U.S. Department of Energy (DOE) awarded nearly $15M in Small Business Vouchers (SBVs) in Round 1 and 2.

SBV Technologies
- Advanced Manufacturing
- Bioenergy
- Buildings
- Fuel Cells
- Geothermal
- Solar
- Vehicles
- Water Power
- Wind

Round 1 & 2 Results
- 76 businesses
- $15 million

Click here on sbv.org
Click on the link in step 1 to review eligibility requirements.

Click on the link in step 2 to access EERE exchange online portal and create account.

Notice of Opportunity and RFA Template can be found here.
Register for an EERE Exchange Account

Click Here to Register
Register as an Applicant

EERE Funding Opportunity Exchange

**REGISTRATION**

I want to register as:

- **Applicant**
  - I want to apply to current or future Funding Opportunity Announcements.

- **Reviewer**
  - I am a subject matter expert and would like to be considered to review incoming funding applications.

- **DOE Employee**
  - I am a federal DOE employee or contractor and will be a user of the system as a part of my job.

Register as Applicant
Complete the Registration Form

Notes:
• *Fields Required
• 15 character password

Click here to complete registration
You will Receive a Long and Chatty Confirmation Email

Welcome to DOE eXCHANGE

From: EERE-ExchangeSupport@hq.doe.gov
To: paulusmj@tds.net

Dear Michael Paulus
Welcome to the DOE eXCHANGE site at http://eere-exchange.energy.gov/

Thank you,
DOE eXCHANGE Customer Support
You can Log in Immediately

EERE Funding Opportunity Exchange

REGISTRATION

Your account was successfully created.

Your email is your username for this site.

You can log in to the site now.
In order to access this Department of Energy (DOE) system, you must read and acknowledge the following Rules of Behavior for the site. You can review previously acknowledged Rules of Behavior on your My Account page.

**Rules of Behavior**

Use of this system by any user, authorized, or unauthorized, constitutes consent to the auditing, interception, recording, reading, copying, capturing, and disclosure of system activity. There is no right to privacy in using this system.

NOTE: The Rules of Behavior are applicable to all individuals with access to this system and must be read and accepted before they will be granted access privileges to the system.

**General Guidelines**

The following actions are prohibited:

- Attempting to view, change or delete data unless you are authorized to do so.
- Using your system privileges to obtain information for anyone who is not authorized to access such information.
- Allowing another user to login using your username and password.
- Attempting to perform actions or processes for which you do not have authorization.
- Disabling any security features or alter application settings/configurations unless explicitly authorized to do so.
- Failing to observe software licensing agreements. If you have any questions about copyright or licensing, contact the system Help Desk BEFORE using the material in question.

I acknowledge receipt of, understand my responsibilities, and will comply with these rules of behavior for this Department of Energy (DOE) system.

[ ] I acknowledge

[ ] Acknowledge

[ ] Cancel
Find SBV FOA

Option 1: Search on “SBV”

Option 2: Type “DE-SBV-0000999” here
Go to the SBV FOA

Click to access FOA

DE-FOA-0001001: EERE COMMERCIALIZATION

The purpose of this RFI is to solicit feedback from industry, academia, research laboratories, government agencies, and other stakeholders to assist in further defining the scope and priorities of EERE's commercialization and entrepreneurship activities. Specifically, this RFI is...
Note Links to Important Documents

DE-SBV-0000999: EERE SMALL BUSINESS VOUCHERS ROUND 3

PLEASE NOTE:
11 October 2016:

NEW AMENDED NOTICE AND RECOMMENDED FORMS ARE NOW POSTED. APPLICANTS ARE ADVISED TO REVIEW AMENDED NOTICE AND NEW FORMS BEFORE SUBMITTING APPLICATION.

DOE’s Office of Energy Efficiency and Renewable Energy (EERE) is putting the world class resources of the national labs at your fingertips with the Small Business Vouchers (SBV) Pilot. During fiscal year 2016, EERE applied almost $14MM to new projects with 76 small businesses.

Now, EERE is announcing its first call for Small Business Vouchers in fiscal year 2017. EERE has pledged $12MM in new funding for this round, and one additional round during the fiscal year.

The U.S. Department of Energy’s (DOE) enterprise of National Laboratories is an innovation powerhouse full of unique and advanced instruments as well as world class scientists, engineers and other professionals. The Small Business Vouchers (SBV) Pilot is a mechanism structured to allow small businesses engaged in the renewable energy and the energy efficiency sectors greater access to the vast capabilities and resources that exist at the DOE National Laboratories.

Through the SBV Pilot, eligible small businesses can tap into the reserve of National Laboratory intellectual and technical assets to overcome critical technology and commercialization challenges such as:
- Prototyping
- Materials characterization
- High performance computations
- Modeling and simulations
- Intermediate scaling to generate samples for potential customers
- Validation of technology performance
- Designing new ways to satisfy regulatory compliance

DOCUMENTS
- DE-SBV-0000999 Small Business Voucher Notice of Opportunity AMENDED 10-19-16
- Small Business Voucher Request for Assistance Application Form
- Small Business Voucher Notice of Opportunity Additional Questions
- Summary Slide
- Non-Negotiable TAPA Agreement
- Non-Negotiable CRADA Agreement

REQUIRED APPLICATION DOCUMENTS
Pursuant to the FOA, Applicants are required to submit the "Required Application Documents" with their Application. Incomplete applications will not be reviewed or considered.

View Required Application Documents

CONTACT INFORMATION
- info@sbv.org

FREQUENTLY ASKED QUESTIONS (FAQs)
Responses to questions are posted to the FAQ’s webpage

SUBMISSION DEADLINES
- Full Application Submission Deadline: 11/11/2016 5:00 PM ET
Download Required Application Documents

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11 October 2016:

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- Small Business Voucher Request for Assistance Application Form
- Small Business Voucher Notice Of Opportunity Additional Questions
- Summary Slide
- Non-Negotiable TAA/Agreement
- Non-Negotiable CRADA Agreement

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All Three Documents Must be Submitted

Three Required Documents

Non-Negotiable CRADA Agreement

REQUIRED APPLICATION DOCUMENTS

Pursuant to the FOA, Applicants are required to submit the "Required Application Documents" without exception.

Full Application

- Small Business Voucher Request for Assistance Application Form
- Small Business Voucher Notice Additional Questions Form
- Summary Slide

CONTACT INFORMATION

- info@sbv.org
When Documents are Complete, Click on “Apply”
# Basic Information

## Full Application Details for FOA #DE-SBV-0000999 EERE Small Business

**General**

<table>
<thead>
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<tr>
<td>Primary Area of Expertise</td>
<td>None currently selected</td>
</tr>
<tr>
<td>Additional Technical Area</td>
<td>None currently selected</td>
</tr>
</tbody>
</table>

- **Project Title**: Project Title
- **Abstract (4000 char. Max)**: Abstract
- **Resubmission? (No impact on evaluation)**: Resubmission
- **EERE Technology Area (Pull Down)**: EERE Technology Area
RFA Questionnaire

**Organization Type** Should be Business < 500 Employees
RFA Questionnaire

FULL APPLICATION DETAILS FOR FOA #DE-SBV-0000999 EERE SMALL BUSI

- Submission Status: New
- Project Title: 
- Abstract: 
  4000 Max Characters
- This application has been previously submitted to DOE: Yes
- Topic: 
- Organization Type: 
- Lead Organization: 
  Please do not use acronyms
- Lead Organization Percent Effort (1-100): 0%
- Primary Area of Expertise: None currently selected
- Additional Technical Area: None currently selected

- Because National Lab is not yet assigned, enter 100%.
- In practice, small business must provide a minimum of 20% cost share.
Select the area of expertise from list that best describes the technical area of your application.

Optional second topical area
RFA Questionnaire

Team Members

Please list each organization that you will be teamed with to perform the proposed research and development project. The contact information for the lead technical point of contact at each organization is required. The Total Percent Effort of the Project is comprised of the percentage of the project performed by the lead organization and all team member percentages.

<table>
<thead>
<tr>
<th>Organization Type</th>
<th>Organization</th>
<th>Percent Of Project</th>
<th>First Name</th>
<th>Last Name</th>
<th>Business Email</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

No other organization listed

Add Team Member

Key Participants

To facilitate the identification of actual and potential conflicts of interest, you are required to identify every individual who contributes in a substantive, measurable way to the execution of the proposed project.

At least one point of contact must be added from the applicant organization.

<table>
<thead>
<tr>
<th>Organization Name</th>
<th>Title</th>
<th>Salutation</th>
<th>First Name</th>
<th>Last Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

No data to display

Add Key Participant

Leave blank. Matchmaking occurs after RFA reviews.

Click to add Key Participants from your company only.
Add Key Participant (Technical Point of Contact)

Your Company’s point of contact for all RFA-related communications. All communications will be via email.
Create Application

- Checks for errors
- Saves data
- Creates application “Control Number”
RFA Control Number Assigned

FULL APPLICATION DETAILS FOR FOA #DE-SBV-0000999 EERE SMALL BUSINESS VOUCHERS ROUND 3

Your information has been saved. Please continue with the additional tabs to complete your submission.

YOUR CONTROL NUMBER IS: 0999-1521

[Return to My Submissions]  [Continue with Full Application Submission]

Click here to complete application
RFA Detail Screen

CONTROL NUMBER 0999-1521: FULL APPLICATION DETAILS FOR FOA #DE-SBV-0000999 EERE SMALL BUSINESS VOUCHERS ROUND 3

This application has not been submitted. The application must be submitted for evaluation by the Department of Energy.

- Verify technical contact information.
- Add business contact (required).
RFA Detail Screen

CONTROL NUMBER 0999-1521: FULL APPLICATION DETAILS FOR FOA #DE-SBV-0000999 EEERE SMALL BUSINESS VOUCHERS ROUND 3

This application has not been submitted. The application must be submitted for evaluation by the Department of Energy.

Verify Team Members
Location of Work

- Open Location(s) of Work Tab.
- Add your company’s city, state and zip code.
- Indicate this location is the primary location.
- Enter 100%.
Funds and Costs – provide estimate only. Details will be developed for semi-finalists only.
Estimate DOE cost and company cost share. Ensure proposed cost share is at least 20%.

Estimate project period of performance. 12 months max.

Not applicable for SBV.

Click to proceed.
RFA Detail Screen

CONTROL NUMBER 0999-1521: FULL APPLICATION DETAILS FOR FOA #DE-SBV-0000999 EERE SMALL BUSINESS VOUCHERS ROUND 3

This application has not been submitted. The application must be submitted for evaluation by the Department of Energy.

<table>
<thead>
<tr>
<th>General</th>
<th>Contact Information</th>
<th>Team Members</th>
<th>Location(s) of Work</th>
<th>Funds and Costs</th>
<th>TRL</th>
<th>Upload and Submit</th>
</tr>
</thead>
</table>

**Submission Status:** Not Submitted

**Control Number:** 0999-1521

**Project Title:** Test Project for ABV

**Abstract:** Test Test Test

4000 Max Characters

This application has previously submitted to DOE:

- Yes
- No

**Topic:** Advanced Manufacturing

**Organization Type:** Business < 500 Employees

**Lead Organization:** Small Business

Please do not use acronyms

**Lead Organization Percent Effort (1-100):**

100%

**Primary Area of Expertise:** Receiver Design

**Additional Technical Area:** None currently selected

Follow link to estimate the current TRL of your technology and the anticipated TRL at the end of the project. Definitions provided.
RFA Detail Screen

CONTROL NUMBER 0999-1521: FULL APPLICATION DETAILS FOR FOA #DE-SBV-0000999 EERE SMALL BUSINESS VOUCHERS ROUND 3

This application has not been submitted. The application must be submitted for evaluation by the Department of Energy.

Link to upload files and submit RFA.
Upload and Submit

CONTROL NUMBER 0999-1521: FULL APPLICATION DETAILS FOR FOA #DE-SBV-0000999
EERE SMALL BUSINESS VOUCHERS ROUND 3

This application has not been submitted. The application must be submitted for evaluation by the Department of Energy.

Please upload your submission in the format specified for each file below. Prior to the submission deadline, if you decide to make changes to your submission, you may remove your existing submission and replace it with an updated version. Note: Filenames must be 250 characters or less.

<table>
<thead>
<tr>
<th>Title</th>
<th>Description</th>
<th>Allowed File Types</th>
<th>File Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Request for Assistance (RFA)</td>
<td>Request for Assistance Application</td>
<td>.doc, .docx, .ppt, .pptx</td>
<td>No file uploaded</td>
</tr>
<tr>
<td>Summary Slide</td>
<td>Project Summary Slide</td>
<td>.doc, .docx, .ppt, .pptx</td>
<td>No file uploaded</td>
</tr>
<tr>
<td>Small Business Voucher</td>
<td>Small Business Voucher Additional Questions Form</td>
<td>.xls, .xlsx</td>
<td>No file uploaded</td>
</tr>
</tbody>
</table>

Additional Files:
No Additional Files were uploaded for this Submission.

I have reviewed and agree to the terms and conditions in the FOA:
SBV Terms and Conditions
By clicking the Submit button, I certify that I am authorized to submit on behalf of Small Business.

RFA should be a WORD file.
Please use PPT template provided
Please use Excel template provided
No additional files will be reviewed.
Upload and Submit

1. Check for confirmation that files were successfully uploaded.

2. Provide Required certifications.

3. Click to Submit RFA.
After Submission

• A confirmation page will pop up.
• You will receive email notification that your Full Application has been successfully submitted.
• You may un-submit, edit and resubmit the RFA prior to the application deadline.
• You may share your submission with others, and allow them to edit and resubmit the application.
For More Information...

General Information
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Advanced Manufacturing
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Fuel Cells
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Geothermal
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Solar
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Vehicles
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Water Power (Marine and Hydrokinetic)
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Water Power (Hydropower)
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Wind
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