



CABLE Conductor Manufacturing Prize

Voucher Guidelines

The Conductivity-enhanced materials for Affordable, Breakthrough Leapfrog Electric and thermal applications (CABLE) Conductor Manufacturing Prize will identify, verify, and reward affordable breakthroughs in conductivity that will enable U.S. manufacturers to leapfrog to next-generation materials.

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1. Introduction

The [U.S. Department of Energy](#) (DOE) [Office of Energy Efficiency and Renewable Energy](#) (EERE) [Advanced Manufacturing Office](#) (AMO) and the [National Renewable Energy Laboratory](#) (NREL) launched the **C**onductivity-enhanced materials for **A**ffordable, **B**reakthrough **L**eapfrog **E**lectric and thermal applications (CABLE) Prize to rapidly transition enhanced conductivity materials for cables and other electricity-conducting technologies from the lab to the marketplace. Enhanced conductivity materials support transformational technologies ranging from electric cars, trains, and planes to smartphones, heat pumps, and everything else in daily life that involves the conduction of electric and thermal energy.

This document provides details about how Stage 2 winners can use non-cash prize awards in the form of vouchers¹ to access tools, equipment, computing, and expertise at national laboratories and private organizations. The intent of this voucher system is to allow prize winners to leverage the capabilities of the national labs, approved organizations, and facilities to further develop winners' CABLE materials. NREL, as Prize Administrator, will manage the voucher process.

¹ 15 U.S. Code § 3719 - Prize Competitions

2. Voucher Overview

Prize vouchers will allow winners from the Stage 2 Contest to support the development, testing, and validation of their innovative conductors and associated applications. The guidelines in this document are applicable to Stage 2 Contest winners, who each receive a \$100,000 voucher.

Winners can use vouchers at any of DOE’s 17 national laboratories (see map in Figure 1). Stage 2 competitors will be provided with two opportunities to meet with national laboratory researchers to develop draft work plans ahead of the Stage 2 deadline.

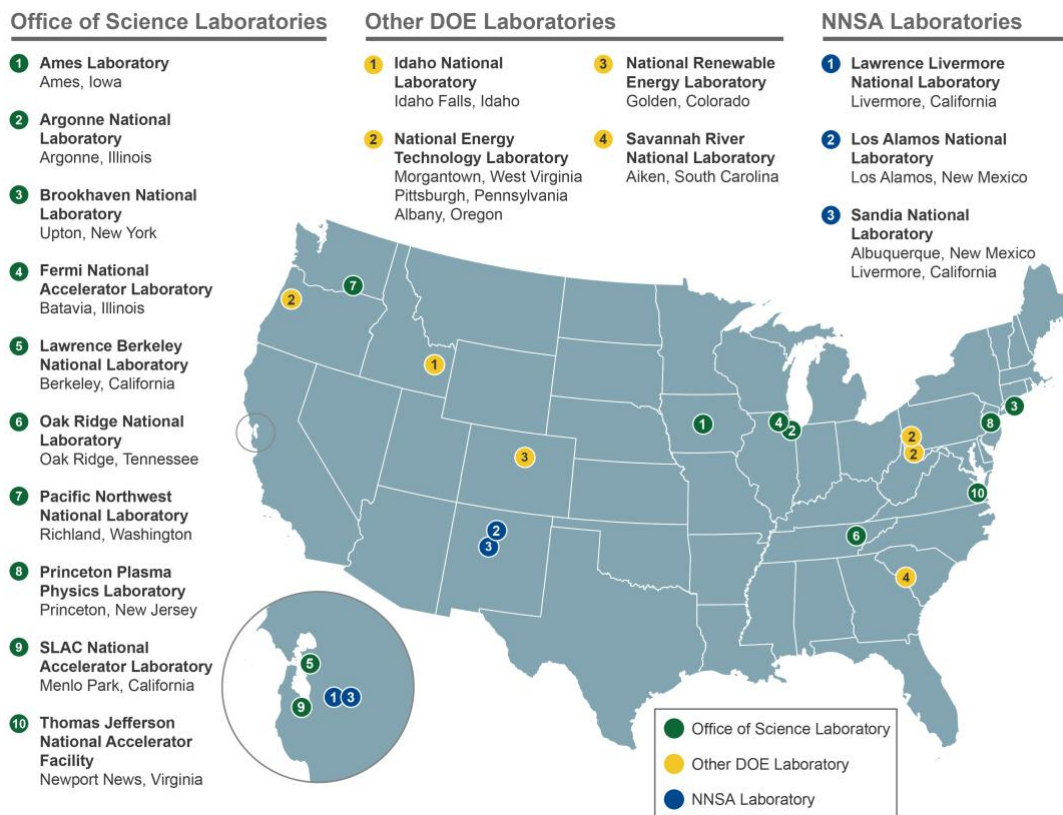


Figure 1. Map of U.S. Department of Energy national laboratories

In addition to or instead of DOE national laboratories, winners may use vouchers with organizations and/or facilities (e.g., fabrication, prototyping, manufacturing) that are on the approved Connector list on the American-Made Challenges website.

The DOE national laboratories, together with the approved Connector organizations and facilities, are referred to as Voucher Service Providers (VSPs).

The organization I want to work with is not on the list. How can they get on the approved list?

Any interested organization can apply to be added to the list of approved organizations at: <https://americanmadechallenges.org/connect.html>. More information is found in Section 4 of this document.

VSPs may provide competitors with technical assistance in areas such as:

- Access to hardware and development tools
- Access to national laboratories, universities, and private laboratories
- Specialized unique facilities/resources for modeling, characterization, and manufacturing support
- Testing and validation capabilities
- Other expert services that may be negotiated between the winners and the lab, organization, or facility.

Specifically for the CABLE Prize, VSP may provide competitors with services such as:

- Metallurgical: hot isostatic processing (HIPping), annealing, powder atomization, cold working
- Electrical characterization: conductivity, resistivity, ampacity, dielectric strength, operational voltage/current range, electrochemical testing
- Mechanical characterization: tensile and yield strength, fracture toughness, creep resistance, wear resistance, durability, corrosion testing, rheology testing, reliability
- Superconductivity-specific properties: critical temperature, critical current density, critical field
- Thermal characterization: operational temperature range, thermal conductivity, resistivity, thermal diffusivity, specific heat capacity
- Microstructure characterization: grain size, alignment, etc.
- Nano-characterization: scanning electron microscopy, transmission electron microscopy, high-resolution scanning tunneling microscopy, scanning tunnelling microscopy, atomic force microscopy, atom probe tomography, nanoindentation testing
- Structure characterization: energy dispersive X-ray spectroscopy, electron backscatter diffraction, electron energy loss spectroscopy, small-angle X-ray scattering, Raman spectroscopy, other X-ray-based tools (e.g., X-ray photoelectron spectroscopy, X-ray diffraction)
- Other: density, geometry, corrosion resistance, sustainability, recyclability, manufacturability (additive manufacturability), light-based imaging (e.g., ultraviolet, visible/near infrared).

Theory/modeling/simulation general and specific assistance may include:

- Physics-based atomistic modeling including ab initio calculation
- Multiphysics

- Mesoscale phenomenological models
- Integrated computational materials engineering for conductivity enhancement
- Physics-informed machine learning for materials and microstructure design and process modeling
- Design and materials performance modeling.

Details on how applications will be reviewed and approved, as well as additional VSP use policies are discussed in subsequent sections.

3. CABLE Prize Voucher Process

The process for vouchers issued to Stage 2 Contest winners consists of the following steps, which are designed to pair competitors with VSPs that can provide valuable assistance for their specific projects. This process starts during the Stage 2 contest period (April 22–Dec. 1, 2022) and ends after Stage 2 winners are announced (Anticipated January/February 2023):

Any team competing in the Stage 2 Contest must:

1. **Connect**—Competitors review the offerings and [capabilities](#) provided by the American-Made Network organizations and/or facilities and national labs to identify prospective VSPs. Competitors can make direct contact with as many national labs or VSPs as they would like and can seek assistance from the Prize Administrator to help facilitate connections. Competitors may also seek out new VSPs as needed (see Section 2 for how to engage a new VSP that is not currently in the Network). **The Prize Administrator has also organized two VSP Networking Events:**

- [CABLE Workshop \(In-Person\): July 20–21, 2022](#)
- [CABLE Prize Virtual Voucher Networking Event: Aug. 18, 2022](#)

Presentation and some recordings of the events will be available after the event date at those URLs.

2. **Align**—VSPs and Stage 2 Competition teams contact one another—with the assistance of the Prize Administrator, when needed—to exchange ideas and discuss the scope and outcomes for the voucher funds.
3. **Decide and Propose**—After talking with potential VSPs, competitors decide which lab(s) or organization(s) they want to work with and identify the relevant researcher(s) or principal investigator(s) (PI). Competitors submit a voucher work slide for each lab/organization that they wish to work with as part of the Stage 2 Contest submission package. The slide must identify the VSP and corresponding researcher or PI, confirmation of researcher/PI interest (e.g., email attachment, letter of support), a short description of the work, and bullet points of outcomes and deliverables. Proposed work with VSPs will be evaluated as part of the Stage 2 Contest submission package. Winners of the Stage 2 Contest will receive vouchers.

If you win the Stage 2 Contest and enter the Stage 3 Contest, then you must also:

4. **Complete a Statement of Work**—Winners of the Stage 2 Contest interested in using their voucher must fill out and submit the Voucher Prize Acceptance Form (Appendix B) within 14 business days of the Stage 2 winners announcement. A full statement of work (SOW; template to be provided, example available by request) must also be drafted jointly with each VSP. The SOW must be

completed (including all negotiations with the VSP) no later than 30 calendar days after Stage 2 winners are announced. Failure to comply with process requirements and have a negotiated Statement of Work in place within this timeline may result in forfeit of the voucher.

5. **Contract**—Once the approved SOW is in place, teams enter into a formal agreement with the VSP. The format of this agreement is unique to each VSP. Qualified activities relate to work that is directly aligned with progressing the solution or product and must adhere to the policies described in these guidelines. The VSPs will perform the work and receive compensation in accordance with the payment process described in Section 6. It is expected that an agreement between the competitor and VSP will be in place prior to the Stage 3 submission date.

Most national laboratories will require a cooperative research and development agreement (CRADA). Select national lab CRADA templates (based on the DOE model CRADA template ([available here](#))) are provided in Appendix C for select national labs. Please note that the CRADA would be a separate agreement between the parties to be approved by DOE including other documentation like a joint work statement describing the purpose, scope, schedule, and estimated cost of a proposed CRADA². Any lab or participant background intellectual property (IP) needed to perform CRADA work or practice results may be handled in a background IP attachment to the CRADA.

6. **Begin Work**—Once the agreement between the competitor and VSP is in place, work can begin. Work may continue for one year after the voucher is awarded at the Stage 2 Contest. Competitors and VSPs can renegotiate and resubmit the SOW if changes are needed over time.

² If there is any inconsistency among the prize rules, prize voucher guidelines, and the CRADA terms and conditions, (e.g., the Government purpose license and a U.S. competitiveness requirement applicable to intellectual property developed in the performance of the CRADA, according to the CRADA terms and conditions), the CRADA would take precedence.

4. Voucher Service Providers

VSPs are any of DOE's 17 national laboratories as well as [approved private organizations and facilities](#) included in the American-Made Network.

The following six national labs have indicated specific capabilities that could be useful for CABLE Prize teams (capabilities are not guaranteed and depend on availability of staff and equipment). Capabilities at these labs for vouchers can be found in the [Menu of Capabilities found on HeroX](#).

- **Ames National Laboratory (Ames)**, Ames, Iowa
- **Argonne National Laboratory (Argonne)**, Lemont, Illinois
- **Pacific Northwest National Laboratory (PNNL)**, Richland, Washington
- **National Energy Technology Laboratory (NETL)**, Albany, Oregon; Morgantown, WV; and Pittsburgh, Pennsylvania
- **National Renewable Energy Laboratory (NREL)**, Golden, Colorado
- **Sandia National Laboratories (Sandia)**, Albuquerque, New Mexico; Livermore, California

Private organizations and facilities approved to provide services to Stage 2 winners are available on the [American-Made Challenge website](#). The following VSP has indicated specific capabilities that could be useful for CABLE Prize teams (capabilities are not guaranteed and depend on availability of staff and equipment). Capabilities at this lab for vouchers can be found in the [Menu of Capabilities found on HeroX](#).

- **Prysmian Group**

Organizations and facilities not currently approved as VSPs can apply through the [website](#) with the following information:

- Description of services offered
- Website
- Location of business
- History of business
- Examples of success with previous customers.

The Prize Administrator, at its sole discretion, determines whether a specific non-national-lab organization may become an approved VSP. The Prize Administrator will review VSP applications to become an approved non-DOE-lab VSP, which must establish at a minimum that:

- The entity is an incorporated U.S. business that has been in existence for at least 12 months at

the time the application is submitted.

- The entity has an active website that describes the organization's capabilities.
- The entity offers capabilities, facilities, and services that are broadly available to interested parties.
- The business entity has a history of success in producing, developing, testing, validating, prototyping, and manufacturing products and solutions.

5. Voucher Use Policies

The following terms specify the voucher use policy for Stage 2 Contest winners:

- **Voucher recipients**—Only Stage 2 winners will receive vouchers for the Stage 3 Contest.
- **VSP dissemination of work**—Voucher funds cannot be split between more than three entities for each voucher. The minimum amount of work with any VSP must be \$10,000.
- **Approved VSP**—Competitors may use a voucher only at a DOE national lab or a VSP that is approved by the Prize Administrator and listed on the American-Made Challenge website.
- **Allowable work**—All work conducted by the VSPs and funded through vouchers must be exclusively dedicated to advancing the competitor's innovation selected in the CABLE Prize. Funds must be used for developing, prototyping, testing, characterizing, or validating the conductor. When considering whether work will advance a particular conductor, the Prize Administrator will look for tangible and measurable outcomes related to advancing the conductor. Costs of the work must be reasonable. No alcohol, food, travel, or other personal expenses will be allowed.
- **Best value due diligence**—Competitors are solely responsible for engaging national labs and approved VSPs and establishing scopes of work under the voucher system. Competitors must determine which VSPs they will work with and conduct their own due diligence to determine the best value of the technical assistance covered by the voucher. Competitors may also seek assistance from [Connectors](#) in the American-Made Network to help facilitate relationships and agreements. The Prize Administrator staff will not intervene, mediate, or negotiate on behalf of competitors for the use of vouchers at any point in this program.
- **Responsibility**—It is the competitor's sole responsibility to ensure that a selected organization or facility is on the approved list on the American-Made Network website (<https://americanmadechallenges.org>) and that the voucher SOW is in accordance with the guidelines herein. If a non-lab VSP requires up-front payments to provide the services, the

competitor makes such payments at their own risk. The competitor is also solely responsible for managing the process and the work products, including any changes, delays, risks, conflicts, or disputes. The Prize Administrator will not be part of the contract or agreement between the competitor and a non-national-lab VSP, nor will it be a guarantor of the technical outcomes, work products, or quality of the services offered by a non-national-lab VSP. If, for whatever reason, the work is not completed or a dispute arises between the competitor and a VSP, resolution is entirely the responsibility of the competitor. The Prize Administrator will not intervene or mediate in such cases and will not bear any costs for dispute resolution among the parties.

- **Protecting innovation intellectual property (IP)**—When a competitor is working with a non-national-lab VSP, the competitor is solely responsible for ensuring that the facility signs any relevant agreements to protect IP. The competitor is also responsible for the payment associated with protecting IP, including any relevant patents.
- **IP-related restrictions**—There are some IP restrictions and controls if the voucher payments are processed through CRADA or memorandum purchase order (MPO) options, as described briefly in Section 3. Review the full details in Section 6.
- **Arms-length transactions**—The relationship between a competitor and a VSP should avoid actual conflicts of interest or the appearance of conflicts of interest. A competitor and a VSP should act independently and should not have any relationship to each other beyond providing services. All parties must be acting in their own self-interest and not be subject to any pressure or duress from the other party.
- **Process compliance**—All competitors agree to adhere to the requirements contained in this document. Failure to follow these requirements may limit competitors' ability to acquire voucher funds.
- **Use or lose**—Competitors must submit a completed Voucher Statement of Work for Prize Administrator review within 30 days of the Stage 2 Contest announcement of winners. Failure to do so may result in forfeiture of voucher funds. Vouchers will expire 1 year after the winners of the Stage 2 Contest are announced. Vouchers cannot be redeemed for cash and may not be transferred to other parties.

6. Voucher Agreements and Payments

Each competitor may receive reimbursement only for work at up to three VSPs (labs and non-labs included).

Work With NREL

To work with NREL, participants are required to enter into a Cooperative Research and Development Agreement (CRADA). A signed CRADA gives a competitor maximum collaborative flexibility with a national lab and allows additional private funds to be used to expand the SOW. It also defines ownership of any intellectual property developed during voucher-funded work as well as other specifics of the collaboration. In order to enter into a CRADA with NREL, the following documents must be completed:

- **Participant Data Sheet**—to be completed as soon as possible after winning the Stage 2 Contest, a completed Participant Data Sheet begins the process.
- **Joint Work Statement**—all projects must have a joint work statement (JWS) describing the proposed project scope to be covered with the voucher funds. The JWS should be developed collaboratively by the teams and the lab staff who will be conducting work for them and must include a budget for the proposed work. The JWS must be completed within 30 days after winning the Stage 2 Contest.
- **Signed CRADA**—Once the Participant Data Sheet and Joint Work Statement are complete, NREL's Technology Transfer Office will have teams sign a CRADA. It is expected that the CRADA will be accepted without any changes to the terms and conditions. It is expected that competitors will have a signed CRADA in place in time to complete the proposed scope of work by the Stage 2 Contest submission deadline. However, depending on timing and what is required by the teams, there may be a delay in getting access to specific equipment or researchers. NREL will do its best to try to expedite requests from CABLE Prize teams as much as possible. Once a CRADA is signed, the Prize Administrator will transfer funds directly to the NREL researcher for use.

Work With Other National Labs

When working with a national lab other than NREL, the competitor must work directly with that lab to complete a Statement of Work no later than 30 calendar days after winning the Stage 2 Contest.

Participants planning to work with other national labs should refer to the respective lab's information in Appendix C of this document for completing required paperwork including CRADAs and Statements of Work. All Statements of Work must be submitted to the Prize Administrator (CABLEprize@nrel.gov) with indications of approval by both the competitor and the national lab.

Once the Prize Administrator receives this Statement of Work, NREL will work with the desired lab to

complete a memorandum purchase order (MPO). The Prize Administrator will directly transfer the allocated voucher funds to the selected lab to perform the work as specified in the MPO. Once the transfer occurs, the selected national lab must accept the funds to complete the transfer and set up the funding structure for the researchers. The actual timing for each lab funds transfer will depend on the individual labs, but the Prize Administrator will work closely with all selected labs to ensure a smooth and quick funds transfer process. If work under this MPO is not completed within 1 year of the competitor winning the prize, the funds will be returned to NREL.

Work With a Private Facility or Non-DOE National Laboratory

Competitors intending to expend voucher funds with a non-DOE lab VSP must first negotiate a voucher SOW and an itemized budget with a VSP. Then the competitor must provide documentation of the agreed-upon SOW and the budget to the Prize Administrator within 30 days after winning the Stage 2 competition. The Prize Administrator will review the application against the standards for work described in this document and may provide feedback and suggested changes to ensure that the SOW describes work that may be reimbursable. Prize Administrator feedback is not a guarantee that work performed by a non-DOE lab VSP will be reimbursed. Once the work is completed, the Prize Administrator will conduct a review of the work and reimburse the competitor in accordance with these guidelines.

The work is then funded by the competitor. The competitor is also responsible for signing any relevant contracts or agreements with the non-DOE lab VSP. Once the work is complete and the competitor has paid the VSP, the competitor may request reimbursement from the Prize Administrator. The Prize Administrator will review the work against the allowability requirements, evidence of the completed work, and evidence of payment and compare the invoice for expenses incurred against the planned budget and SOW. Submitting photos, videos, and other documentation to show work completed is required to help facilitate rapid review and reimbursement. The Prize Administrator will make a determination of whether the funds were expended in compliance with the voucher requirements. Reimbursement of funds will be made at the sole discretion of the Prize Administrator. The Prize Administrator will make only a single payment per non-DOE lab VSP engaged by the competitor.

Appendix A. FAQs

Do I have to accept a voucher if I am a Stage 2 winner—what if I don't need any services?

Although a small part of your score is based on your voucher slide submission, you are allowed to refuse the voucher award if you have concerns about working with a third party on your CABLE material. If intellectual property (IP) is your primary concern, we encourage you to review the CRADA agreement for the individual laboratory (can be requested from Prize Administrator at CABLEprize@nrel.gov), which addresses how IP is handled. For higher technology readiness level (TRL) CABLE materials, we encourage you to consider the marketing benefits of having a well-known lab characterize your Stage 3 sample using advanced technologies. If you still have concerns about using your voucher in Stage 3 or would like to explore how you can best use vouchers to your advantage, please reach out to CABLEprize@nrel.gov.

How do I know which national lab to work with?

On HeroX you will find a [Voucher Capabilities Menu](#) that contains a list of capabilities relevant to the CABLE Prize for specific national labs. If you see a capability on that list that matches your needs, reach out to the listed lab representative to be connected with a researcher.

To help with voucher matchmaking, the CABLE prize administration team is hosting two events:

1. CABLE Prize Workshop: Attend in-person or virtually the [CABLE Prize Workshop](#) (July 20–21, 2022, at Argonne National Laboratory near Chicago, Illinois) to learn more about national lab capabilities and engage with the broader CABLE Innovation Ecosystem.
2. [CABLE Prize Virtual Voucher Networking Event](#): On Aug. 18, 2022, from 12:30 to 2:30 p.m. ET, representatives from national labs and the American-Made Network will be available to discuss your innovations and begin making connections for your team's voucher work.

How many different labs or facilities can I work with?

You can split your voucher a maximum of three ways. The minimum amount spent with any lab or facility is \$10,000.

When do I have to decide where I'm going to redeem my voucher?

In your Stage 2 submission, you must include a [Voucher Work Slide](#) that outlines which lab(s)/facility(ies) you will work with, the PI(s), and an overview of the work to be completed. Your Voucher Work Slide must represent your final decision on how you will redeem your voucher.

How long do I have to use my voucher?

Your voucher expires one year after it is awarded, at the conclusion of Stage 2. All voucher work must be

completed by that date.

I'm a winner and the organization I want to work with is not on the list. How can they get on the approved list?

Any interested organization can apply to be added to the list of approved organizations at:

<https://americanmadechallenges.org/connect.html>.

Appendix B. Voucher Prize Acceptance Form

You will be asked to complete this form within 14 business days of winning the Stage 2 Contest. An editable copy of this form will be sent to you along with your Stage 2 prize acceptance paperwork should you win.

In addition to the cash prize, you have won a voucher worth \$100,000 to use at a national lab or eligible private facility in the American-Made Network. This form, when filled out and signed, is a binding agreement between the Prize Administrator and the winning team and documents the team's intent to utilize vouchers.

By signing this document, you are acknowledging that you understand and will adhere to the following:

- You will be responsible for understanding all of the requirements for utilizing vouchers as outlined in the Voucher Guidelines.
- You must finalize a technical Statement of Work (SOW) that describes how you intend to utilize the voucher within 1 month from winning the Stage 2 Contest. This includes documenting which lab, facility, or researcher you are planning to work with. If you do not intend to utilize the full voucher amount, the remaining balance of voucher funds will be forfeited at the time the SOW(s) is(are) approved.
- All SOWs must be approved by the Prize Administrator prior to work commencing.

Tell us how you will redeem your \$100,000 voucher (If you are splitting your voucher among up to three entities, select multiple choices below:

- I intend to redeem my voucher at NREL Amount: \$_____

I understand that a CRADA must be signed to work with NREL on collaborative research. I agree to complete the Joint Work Statement with the NREL PI within one month of being awarded this voucher. I understand that failure to complete this Joint Work Statement may result in forfeit of the voucher.

- I intend to redeem my voucher at one or more DOE national labs that is not NREL. Fill out each line below with budget information on each non-NREL lab.

(Lab #1 – fill in lab name) Amount: \$_____

(Lab #2 – fill in lab name) Amount: \$_____

(Lab #3 – fill in lab name) Amount: \$_____

I will work directly with the national lab to finalize an SOW and any other required agreements (CRADAs, etc.) as required by the selected national laboratory. I agree to share the finalized SOW

and budget with the Prize Administrator within one month of being awarded this voucher. NREL will work with the national lab to place the agreement. I understand that failure to have a SOW in place with the national lab of my choice within 1 month may result in forfeit of the voucher.

- I intend to redeem my voucher at one or more private facilities. Fill out each line below with budget information on each private facility.

(Private Facility #1 - fill in name) Amount: \$_____

(Private Facility #2 - fill in name) Amount: \$_____

(Private Facility #3 - fill in name) Amount: \$_____

I will work directly with the identified facility to develop a SOW within 1 month and provide the documentation to the Prize Administrator before work commences. Unlike with national laboratories, the Prize Administrator will not assist in placing the agreement. I agree to fully fund the work completed at the facility and will provide proof of work completed to the Prize Administrator. I will redeem my voucher as a cash prize, which will be reimbursed to me following a review by the Prize Administrator for voucher requirements compliance and verification of work completed. I understand that failure to have a SOW in place with an American-Made Network facility may result in forfeiting the voucher.

Printed Name: _____

Signature: _____ Date: _____

Appendix C. Work With National Labs: Required Document and Agreement Checklist

Once a voucher has been awarded and the Voucher Prize Acceptance Form (Appendix B) has been completed and approved by the CABLE Prize Administrator, competitors will need to work with their National Laboratory Technical Representative (see [Voucher Capabilities](#) document) to finalize the documents noted below. Example documents for each lab can be provided to competitors upon request (email CABLEprize@nrel.gov).

Below is a brief explanation of common documents that may be required by each national laboratory:

CRADA: A cooperative research and development agreement (CRADA) is a formal written agreement between a national laboratory and a CABLE competitor that defines how the national laboratory will provide personnel, services, facilities, equipment, intellectual property, or other resources.

Background Intellectual Property (BIP) Form: The BIP form is an agreement between the national laboratory and the CABLE competitor that identifies and regulates any BIP from either the national laboratory or the competitor. BIP typically consists of inventions, patents, and software that have been developed before the beginning of the proposed project.

Statement of Work (SOW) /Joint Statement of Work (JSW): The SOW/JSW is a signed document that describes the work to be completed under the CRADA agreement, including tasks, deliverables, and due dates. All final SOWs should be sent to the NREL Prize Administrator as well as the individual national laboratory.

Participant Data Sheet: Required by some national laboratories, the Participant Data Sheet is a fillable form on which competitors will fill out basic contact information and information about their company.

Please see the following checklists for the required agreement documents for each national laboratory that has identified CABLE-related capabilities. Please note that these are the minimum required documents and additional documents may be requested based on the work to be performed.

Working With Ames National Laboratory

Competitors working with Ames National Laboratory will need (at a minimum) to complete:

- Main CRADA
- Supplemental CRADA Documents
 - Statement of Work
 - Background Intellectual Property Form

Working With Argonne National Laboratory

Competitors working with Argonne National Laboratory will need (at a minimum) to complete:

- Main CRADA
- Supplemental CRADA Documents
 - Statement of Work
- Argonne National Laboratory Participant Data Sheet

Working With Pacific Northwest National Laboratory

Competitors working with Pacific Northwest National Laboratory will need (at a minimum) to complete:

- Main CRADA
- Supplemental CRADA Documents
 - Statement of Work

Working With National Energy Technology Laboratory

Competitors working with National Energy Technology Laboratory will need (at a minimum) to complete:

- Main CRADA
- Supplemental CRADA Documents
 - Statement of Work

Working With National Renewable Energy Laboratory

Competitors working with National Renewable Energy Laboratory will need (at a minimum) to complete:

- Main CRADA

- Supplemental CRADA Documents
 - Joint Statement of Work
- NREL Participant Data Sheet

Working With Sandia National Laboratories

- Competitors working with Sandia National Laboratories will need (at a minimum) to complete:
 - Main CRADA
 - Supplemental CRADA Documents
 - Statement of Work
 - Background Intellectual Property Form



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