



# Renew America's Schools - Informational FOA Webinar

December 6, 2022

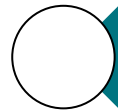
2022 Funding Opportunity Announcement (FOA) for Energy Improvements at Public K-12 School Facilities  
Bipartisan Infrastructure Law (BIL)

DE-FOA-0002756

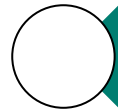
This webinar is being recorded and will be published on the EERE eXCHANGE website.



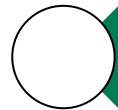
Please note that video and speaking capability has been disabled for attendees.



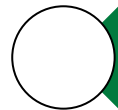
If you have questions during this webinar, you can use the Q&A feature and all questions and answers will be posted to the Q&A Spreadsheet at a future date to the EERE eXCHANGE website under DE-FOA-0002756.



Live questions will not be answered during the webinar itself.



Please be careful not to submit any language that might be business sensitive, proprietary or confidential.



A copy of today's slides will be posted on EERE eXCHANGE within 2-3 business days of the webinar.

<https://eere-exchange.energy.gov/Default.aspx#Foald06985843-f32c-494e-880a-cb5db6d787a4>

DE-FOA-0002756

- NO NEW INFORMATION OTHER THAN THAT PROVIDED IN THE FOA WILL BE DISCUSSED IN THE WEBINAR.
- Participation in today's webinar will not convey any advantages or disadvantages in the application evaluation process.
- Your participation is completely **voluntary**.



DE-FOA-0002756



All applicants are strongly encouraged to carefully read the Funding Opportunity Announcement **DE-FOA-0002756 (“FOA”)** and adhere to the stated submission requirements.

This presentation summarizes the contents of the FOA. If there are any inconsistencies between the FOA and this presentation, or statements from DOE personnel, the FOA is the controlling document and applicants should rely on the FOA language and seek clarification by submitting a question to [\[schoolsFOA@doe.gov\]](mailto:schoolsFOA@doe.gov).

DE-FOA-0002756

# Renew America's Schools

**Invest in More Efficient, Energy-Saving School Buildings:** The Department of Energy (DOE) has launched a \$500 million grant program spread across FY22-26 through President Biden's Bipartisan Infrastructure Law (BIL) to make public schools more energy efficient.



<https://www.energy.gov/clean-energy-infrastructure/grants-energy-improvements-public-school-facilities>

DE-FOA-0002756

# Renew America's Schools – Goals



Facilitate  
substantial  
additional  
investment

Prioritize schools  
with high needs

Minimize  
administrative  
burden

Build enduring  
capacity in LEAs  
to maximize  
impact equitably

DE-FOA-0002756

# Renew America's Schools – Innovation



DE-FOA-0002756

## Renew America's Schools

### 2022 Funding Opportunity Announcement for Energy Improvements at Public K-12 School Facilities

DE-FOA-0002756

Milestone	Date
FOA Issue Date:	November 29 <sup>th</sup> , 2022
Submission Deadline for Concept Papers:	January 26 <sup>th</sup> , 2023
Submission Deadline for Full Application:	April 21 <sup>st</sup> , 2023
Submission Deadline for Replies to Reviewer Comments:	May 22 <sup>nd</sup> , 2023
Expected Date for DOE Selection Notifications	Week of June 12 <sup>th</sup> , 2023
Expected Timeframe for Award Negotiations:	June – September 2023

*Only applicants who have submitted an eligible Concept Paper will be eligible to submit a Full Application*

DE-FOA-0002756

# EERE eXCHANGE - Website

## DE-FOA-0002756: 2022 FUNDING OPPORTUNITY ANNOUNCEMENT FOR ENERGY IMPROVEMENTS AT PUBLIC K-12 SCHOOL FACILITIES - BIPARTISAN INFRASTRUCTURE LAW (BIL) - RENEW AMERICA'S SCHOOLS

The Office of State and Community Energy Programs is issuing this Funding Opportunity Announcement (FOA) titled Energy Improvements at Public K-12 School Facilities - Bipartisan Infrastructure Law (BIL) - Renew America's Schools.

Apply

The activities to be funded under this FOA support BIL section 40541 and the broader government-wide approach to support projects that enable replicable and scalable impacts, create innovative, sustaining partnerships, leverage funding and economies of scale, focus on disadvantaged communities, improve student, teacher, and occupant health, enrich learning and growth, assist schools that serve as community assets (e.g., neighborhood cooling centers or disaster recovery shelters), and are crafted thoughtfully within the context of public school facilities (e.g., procurement restraints, construction savings, etc.).

### Topic Area 1 – High-Impact Energy Efficiency and Health Improvements

Proposals contemplated under this topic area will include energy improvements that result in direct reduction to school energy costs, increase energy efficiency, and lead to improvements in teacher and student health, including indoor air quality. Energy cost savings may be realized by reduced loads and/or by demand flexibility and demand response approaches.

### Topic Area 2 - Innovative Energy Technology Packages

Proposals contemplated under this topic include innovative energy technology packages. Applicants may include any improvement, repair, or renovation to a school that incorporates two or more of the following energy improvements:

- Energy efficiency measures
- Installation of renewable energy technologies
- Alternative fueled vehicle infrastructure on school grounds
- Purchase or lease of alternative fueled vehicles to be used by a school

DOE expects to make a total of approximately \$80,000,000 of federal funding available for new awards under this FOA, subject to the availability of appropriated funds. DOE anticipates making approximately 20-100 awards under this FOA. DOE may issue one, multiple, or no awards. Individual awards may vary between \$500,000 and \$15,000,000.

Link to Energy Justice Dashboard: <https://energyjustice-schools.eop.anl.gov/>

Link to Needs Assessment Tools: [School Needs and Benefits Assessment Resources | Department of Energy](#)

SCEP is compiling a "teaming" partner list to facilitate widespread participation in this initiative. This list allows organizations with expertise in the topic to express their interest to potential applicants and to explore potential partnerships. Please see the Teaming List section of the FOA document for more information.

The eXCHANGE system is currently designed to enforce hard deadlines for Concept Paper and Full Application submissions. The APPLY and SUBMIT buttons automatically disable at the defined submission deadlines. The intention of this design is to consistently enforce a standard deadline for all applicants.

Applicants that experience issues with submissions PRIOR to the FOA Deadline: In the event that an Applicant experiences technical difficulties with a submission, the Applicant should contact the eXCHANGE helpdesk for assistance ([exchangehelp@hq.doe.gov](mailto:exchangehelp@hq.doe.gov)). The eXCHANGE helpdesk and/or the EERE eXCHANGE System Administrators ([exCHANGE@ee.doe.gov](mailto:exCHANGE@ee.doe.gov)) will assist the Applicant in resolving all issues.

Applicants that experience issues with submissions that result in a late submission: In the event that an Applicant experiences technical difficulties with a submission that results in a late submission, the Applicant should contact the eXCHANGE helpdesk for assistance ([exchangehelp@hq.doe.gov](mailto:exchangehelp@hq.doe.gov)). The eXCHANGE helpdesk and/or the EERE eXCHANGE System Administrators ([exCHANGE@ee.doe.gov](mailto:exCHANGE@ee.doe.gov)) will assist the Applicant in resolving all issues (including finalizing the submission on behalf of, and with the Applicant's concurrence). DOE will only accept late applications when the Applicant has a) encountered technical difficulties beyond their control; b) has contacted the eXCHANGE helpdesk for assistance; and c) has submitted the application through eXCHANGE within 24 hours of the FOA's posted deadline.

### DOCUMENTS

- [DE-FOA-0002756 - BIL 40541 Renew Americas Schools](#) (Last Updated: 11/29/2022 10:31 AM ET)
- [DE-FOA-0002756 Teaming Partner List](#) (Last Updated: 11/28/2022 06:04 PM ET)

### APPLICATION FORMS AND TEMPLATES

The following forms and templates may be used as part of the application submission. Note that these forms and templates do not necessarily constitute all the documents required for a complete application. Please refer to the 'Application and Submission Information' of the published announcement to learn more about the required application content requirements.

#### Full Application

- [DE-FOA-0002756 Project Narrative Template](#) (Last Updated: 11/28/2022 06:08 PM ET)
- [DE-FOA-0002756 SF-424a Budget Information](#) (Last Updated: 11/28/2022 06:08 PM ET)
- [SF-424 Application for Federal Assistance](#) (Last Updated: 11/29/2022 11:42 AM ET)
- [DE-FOA-0002756 Summary Slide Template](#) (Last Updated: 11/28/2022 06:08 PM ET)
- [SF-LLL Disclosure of Lobbying Activities](#) (Last Updated: 11/29/2022 11:42 AM ET)

[Hide Application Forms and Templates](#)

### WEBINAR DETAILS

An information webinar is scheduled for December 8, 2022 at 1:00 PM ET

Please register in advance at the link provided below:

<https://doe.webex.com/webex/join?register=dd331a42e0fb06050ad96a39aa7d85c>

### CONTACT INFORMATION

- [SchoolsFOA@doe.gov](mailto:SchoolsFOA@doe.gov)  
For questions about this FOA
- [EERE-ExchangeSupport@doe.gov](mailto:EERE-ExchangeSupport@doe.gov)  
For questions related to the use of the EERE Exchange website

### SUBMISSION DEADLINES

- Concept Paper Submission Deadline: 1/28/2023 5:00 PM ET
- Full Application Submission Deadline: 4/21/2023 5:00 PM ET
- View Full Application Reviewer Comments Period: 5/8/2023 5:00 PM ET – 5/12/2023 5:00 PM ET

### DOCUMENTS

- [DE-FOA-0002756 - BIL 40541 Renew Americas Schools](#) (Last Updated: 11/29/2022 10:31 AM ET)
- [DE-FOA-0002756 Teaming Partner List](#) (Last Updated: 12/4/2022 10:34 PM ET)

### APPLICATION FORMS AND TEMPLATES

The following forms and templates may be used as part of the application submission. Note that these forms and templates do not necessarily constitute all the documents required for a complete application. Please refer to the 'Application and Submission Information' of the published announcement to learn more about the required application content requirements.

#### Full Application

- [DE-FOA-0002756 Project Narrative Template](#) (Last Updated: 11/28/2022 06:08 PM ET)
- [DE-FOA-0002756 SF-424a Budget Information](#) (Last Updated: 11/28/2022 06:08 PM ET)
- [SF-424 Application for Federal Assistance](#) (Last Updated: 11/29/2022 11:42 AM ET)
- [DE-FOA-0002756 Summary Slide Template](#) (Last Updated: 11/28/2022 06:08 PM ET)
- [SF-LLL Disclosure of Lobbying Activities](#) (Last Updated: 11/29/2022 11:42 AM ET)

[Hide Application Forms and Templates](#)

<https://eere-exchange.energy.gov/Default.aspx#Foald06985843-f32c-494e-880a-cb5db6d787a4>

DE-FOA-0002756

- I. Funding Opportunity Description
- II. Award Information
- III. Eligibility Information
- IV. Application & Submission Information
- V. Application Review Information
- VI. Award Administration Information
- VII. Conclusion

# I. Funding Opportunity Description

# Background and Context (I.A)

The Office of State and Community Energy Programs is issuing this Funding Opportunity Announcement (FOA). Awards made under this FOA will be funded, in whole or in part, with funds appropriated by the Infrastructure Investment and Jobs Act, more commonly known as the Bipartisan Infrastructure Law (BIL).

The BIL appropriates more than \$62 billion to the Department of Energy (DOE) to invest in American manufacturing and workers; expand access to energy efficiency and clean energy; deliver reliable, clean and affordable power to more Americans; and demonstrate and deploy the technologies of tomorrow through clean energy demonstrations.

This FOA supports the implementation of [Section 40541 of the BIL](#) , which provides \$500 million for grants for energy improvements at public school facilities for the five (5) year period encompassing Fiscal Years (FYs) 2022 through 2026.



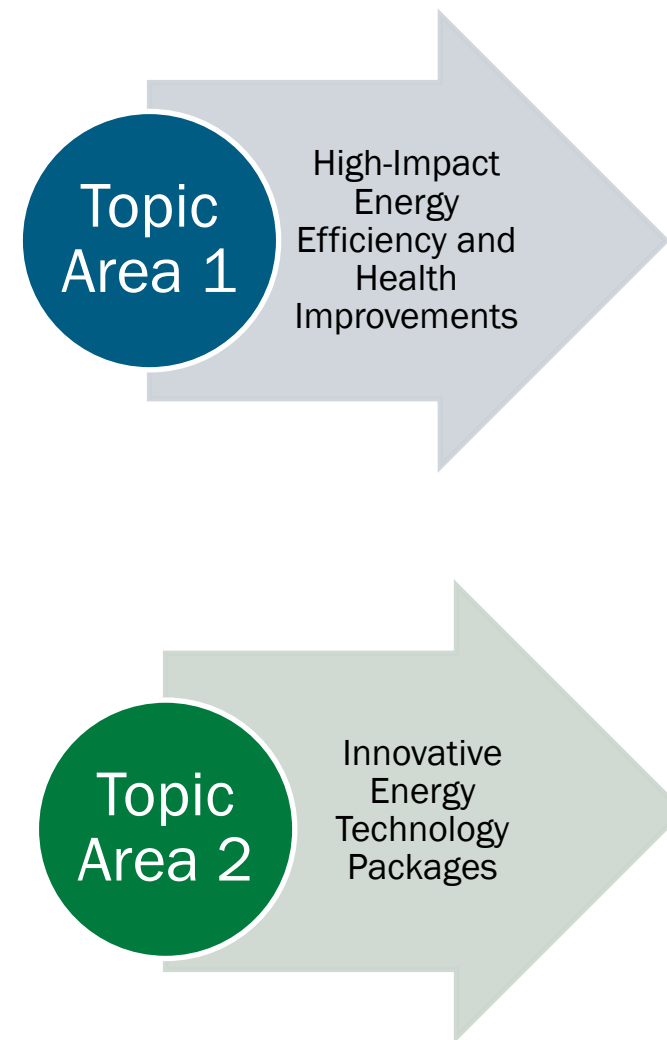
DE-FOA-0002756

# Background and Context (I.A)

The activities to be funded under this FOA to support BIL section 40541:

- enable replicable and scalable impacts,
- create innovative, sustaining partnerships,
- leverage funding and economies of scale,
- target disadvantaged communities,
- improve student, teacher, and occupant health,
- enrich learning and growth,
- prioritize schools that serve as community assets (e.g. neighborhood cooling centers or disaster recovery shelters), and
- are crafted thoughtfully within the context of public school facilities (e.g. procurement restraints, construction windows, etc.).

These projects should maximize the benefits of the clean energy transition as the nation works to curb the climate crisis, empower workers, and advance environmental justice.



# Topic Areas (I.B)



## Topic Area 1

High-Impact  
Energy  
Efficiency and  
Health  
Improvements

## Topic Area 2

Innovative  
Energy  
Technology  
Packages

# Applications Specifically Not of Interest (I.C)

The following types of applications will be deemed nonresponsive and will not be reviewed or considered (See Section III.D. of the FOA):

- Applications that fall outside the technical parameters specified in Sections I.A. and I.B. of the FOA.
- Applications for proposed technologies that are not based on sound scientific principles (e.g., violates the laws of thermodynamics).
- Applications that fall outside the eligible activities described in Section 40541 of the BIL.
- Applications that do not include an LEA and therefore do not qualify as an “eligible entity” under Section 40541(a)(4) of the BIL. See Section III, Eligibility Information for more information.

## 34 CFR 303.23

**General. Local educational agency or LEA** means a public board of education or other public authority legally constituted within a State for either administrative control or direction of, or to perform a service function for, public elementary schools or secondary schools in a city, county, township, school district, or other political subdivision of a State, or for a combination of school districts or counties as are recognized in a State as an administrative agency for its public elementary schools or secondary schools.



DE-FOA-0002756

## II. Award Information

# Award Overview - (II.A)

Total Amount to be Awarded	<ul style="list-style-type: none"><li>• Approximately \$80,000,000*</li></ul>
Average Award Amount	<ul style="list-style-type: none"><li>• SCEP anticipates making awards that range from \$500,000 to \$15,000,000</li></ul>
Types of Funding Agreements	<ul style="list-style-type: none"><li>• Cooperative Agreement (a type of grant)</li></ul>
Anticipated Period of Performance	<ul style="list-style-type: none"><li>• 24 to 60 months</li></ul>
Cost Share Requirement	<ul style="list-style-type: none"><li>• At least 5% of Total Project Costs</li></ul>

\*Subject to the availability of appropriated funds

DE-FOA-0002756

## III. Eligibility Information

# Who is Eligible to Apply? (III.A)



As described in Section 40541(a)(3) of the BIL, an eligible entity is a consortium of:

- (a)** one local educational agency (LEA) and
- (b)** one or more schools; nonprofit organizations; for-profit organizations; or community partners that have the knowledge and capacity to partner and assist with energy improvements.

# Cost Share – III.B & Appendix A

This FOA has a cost share of at least 5% of the total allowable costs.

5%

## Cash Cost Share

Encompasses all contributions to the project made by the recipient or subrecipient(s), for costs incurred and paid for during the project. This includes when an organization pays for personnel, supplies, equipment for their own company with organizational resources. If the item or service is reimbursed for, it is cash cost share.

## In-Kind Cost Share

Encompasses all contributions to the project made by the recipient or subrecipient(s) that do not involve a payment or reimbursement and represent donated items or services. In-Kind cost share items include volunteer personnel hours, donated existing equipment, donated existing supplies.

## Funds from other Federal Sources

MAY NOT be counted as cost share. This prohibition includes FFRDC subrecipients. Non-federal sources include any source not originally derived from federal funds. Cost sharing commitment letters from subrecipients must be provided with the original application.

## Fee or Profit

Are not allowable as project costs (including cost share) under any resulting award. The project may only incur those costs that are allowable and allocable to the project (including cost share) as determined in accordance with the applicable cost principles prescribed in FAR Part 31 for For-Profit entities and 2 CFR Part 200 Subpart E - Cost Principles for all other non-federal entities.

# Appendix A – Cost Share Information

## How Cost Sharing is Calculated

As stated above, cost sharing is calculated as a percentage of the Total Project Cost. FFRDC costs must be included in Total Project Costs. The following is an example of how to calculate cost sharing amounts for a project with \$1,000,000 in federal funds with a minimum 20% non-federal cost sharing requirement:

Formula: Federal share (\$) divided by federal share (%) = Total Project Cost

Example: \$1,000,000 divided by 80% = \$1,250,000

Formula: Total Project Cost (\$) minus federal share (\$) = Non-federal share (\$)

Example: \$1,250,000 minus \$1,000,000 = \$250,000

Formula: Non-federal share (\$) divided by Total Project Cost (\$) = Non-federal share (%)  
Example: \$250,000 divided by \$1,250,000 = 20%

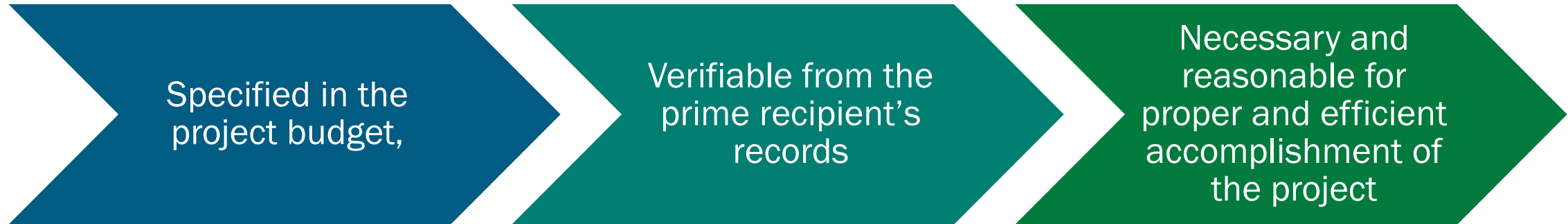
5%

*FFRDC – Federally Funded Research and Development Center aka National Laboratory*

DE-FOA-0002756

# Cost Sharing – Types & Allowability (III.B.iii)

Cost share contributions must be:

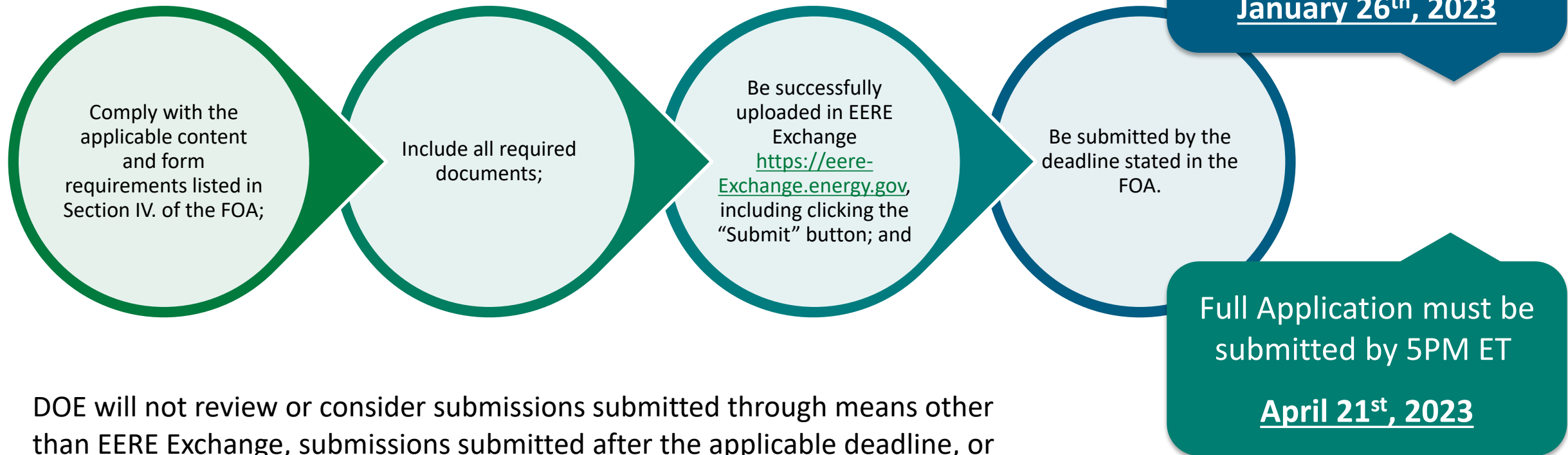


As all sources of cost share are considered part of total project cost, the cost share dollars will be scrutinized and subject to the same federal regulations as federal dollars to the project. Every cost share contribution must be reviewed and approved in advance by the Contracting Officer and incorporated into the project budget before the expenditures are incurred.

Additional information will be shared on Cost Sharing under agenda item IX – Appendices.

# Compliance Criteria (III.C)

All applicant submissions must:



DOE will not review or consider submissions submitted through means other than EERE Exchange, submissions submitted after the applicable deadline, or incomplete submissions.

## IV. Application and Submission Information

# Application Process (IV.A)

The application process includes multiple phases: a Concept Paper phase and a Full Application phase.

**Only applicants who have submitted an eligible Concept Paper will be eligible to submit a Full Application.**



DE-FOA-0002756

Each Concept Paper must be targeted to a specific topic area. The Concept Paper must conform to the requirements listed in the FOA, including the stated page limits.

DOE makes an independent assessment of each Concept Paper based on the criteria in Section V. of the FOA. DOE will encourage a subset of applicants to submit Full Applications. Other applicants will be discouraged from submitting a Full Application. See Section VI.A.

Concept Papers must be  
submitted by **5PM ET**  
**January 26<sup>th</sup>, 2023**  
through EERE eXCHANGE

## “Statement of Need”

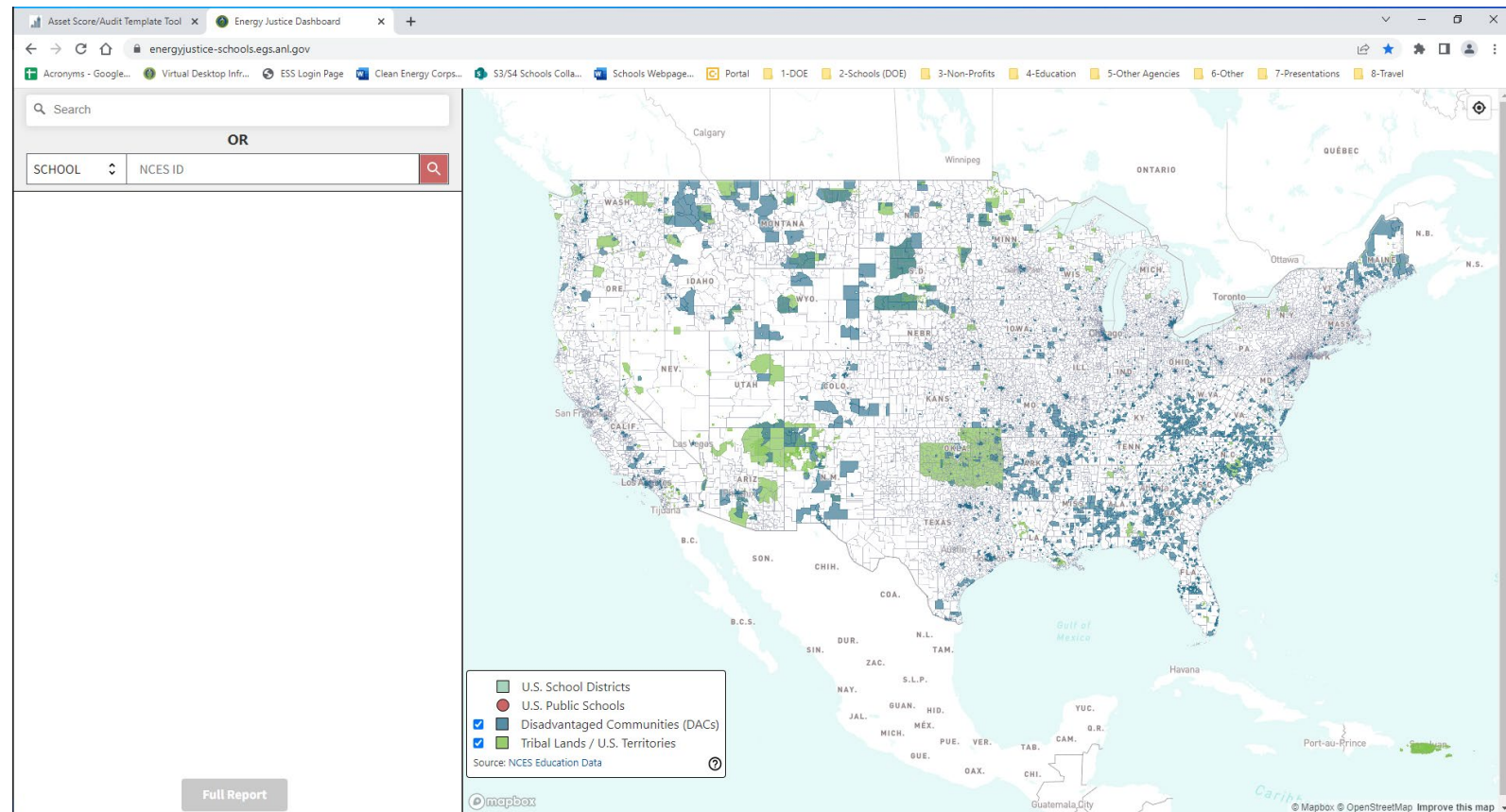


DE-FOA-0002756

# Community Need (IV.C)

DOE has developed the “Energy Justice Mapping Tool for Schools” (<https://energyjustice-schools.egs.anl.gov>) to help applicants derive relevant needs information on a school-by-school basis.

**Applicants must use this tool to generate a report for each facility of the proposed project. All reports should be included with the concept paper and full application submission as a standalone attachment.**




<https://www.energy.gov/clean-energy-infrastructure/grants-energy-improvements-public-school-facilities>


DE-FOA-0002756

# Facility Needs Assessment (IV.C)

DOE has compiled a variety of tools that can be used to assess needs that can be found on the DOE webpage (<https://www.energy.gov/bil/grants-energy-improvements-public-school-facilities>) under “Related Resources”. **Applicants can either utilize these tools to generate a facility needs assessment(s) or include a facility needs assessment(s) performed by a certified professional.** Regardless, applicants must include a facility needs assessment for each school addressed in the proposal. All assessments should be included with the concept paper and full application submission as a standalone attachment.



**SCEP**  
STATE & COMMUNITY ENERGY PROGRAMS



**EFFICIENT AND HEALTHY SCHOOLS**

### I. Introduction: School Energy Assessment (SEA) Form

This form is designed to help you walk through your school and collect specific information that will be useful for providing an assessment of the facility, capturing important building characteristics including heating, ventilation and air conditioning (HVAC) system details, and site energy use intensity (EUI). Collecting this information is an important first step in identifying potential retrofit opportunities for your school and estimating costs, savings, and health and safety benefits from implementing Energy Conservation Measures (ECMs).

As the flow chart on the right illustrates, after using this form to collect important facility information, there are two options that you may follow to complete ECM identification and costing. In the first option on the right, this form may be used in conjunction with the U.S. Department of Energy's Quick Building Assessment Tool (QBAT), a web-based software application within the DOE's Asset Score platform. Asset Score is a standardized tool to assess commercial building energy efficiency and identify retrofit potential using whole-building simulation. QBAT is a quick, simplified option in Asset Score designed to enable building owners, managers, and operators to assess the energy performance of their building under standardized operational conditions and identify energy improvement opportunities, recommendations for energy efficiency measures, and associated health and safety benefits. Using the outputs from this form, QBAT provides users with feedback for potential energy savings opportunities based on a building's existing equipment and simulated energy performance. QBAT also provides users with an ECM Cost Estimates spreadsheet to calculate high-level installed cost estimates for implementing the identified energy savings opportunities. To use QBAT, you will need to create an account in Asset Score.

If you choose not to use QBAT and Asset Score to generate ECM recommendations and cost estimates, a second option is also illustrated. After completing this form, you may provide it to a contractor or consultant involved in your facility assessment and retrofit planning. It will contain many useful details about your facility that will aid them with ECM identification and costing.

1 Fill out the SEA Form

2 Follow these steps if using the Quick Building Assessment Tool for ECM recs and cost estimates

3 Follow these steps if you're working with a consultant or contractor

4 Enter building in QBAT (using Tab VI of this form)

5 Provide completed SEA form to local consultant/contractor

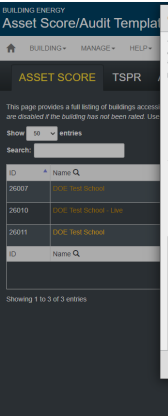
6 Consultant/Contractor performs ECM identification and recommendations, provides results to school

7 Consultant/Contractor prepares ECM cost estimates for selected ECMs for school

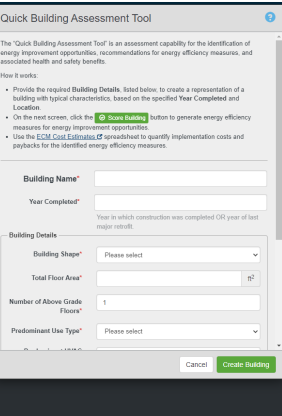
8 Output from QBAT: Asset Score Report, which contains: ECM recommendations, Associated health & safety benefits

9 Enter recommended ECMs into Cost Estimates spreadsheet

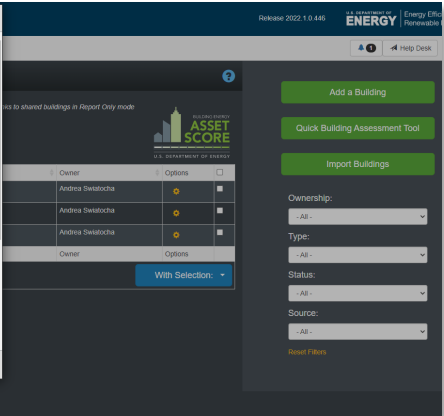
SEA Form



ASSET SCORE TSPR

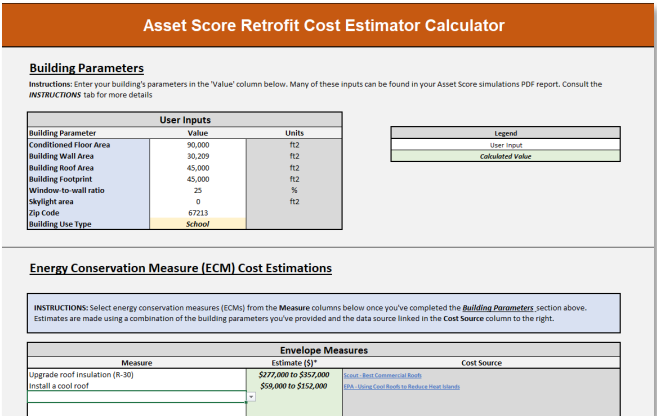


Quick Building Assessment Tool



ASSET SCORE

QBAT



Asset Score Retrofit Cost Estimator Calculator

ECM Cost Estimator

# Full Application (IV.D.i)

Each Full Application must be limited to a single concept. Full Applications must conform to the following requirements and must not exceed the stated page limits.

Section	Component	Required/ Optional	File Format	Page Limit	File Name
ii.	Project Narrative including Community Benefits Plan	Required	PDF or MS Word	15 pages (max)	ControlNumber_LeadOrganization_ProjectNarrative
iii.	Budget Justification Workbook (SF-424A)	Required	MS Excel Workbook	2 pages (including instructions)	ControlNumber_LeadOrganization_Budget_Justification
iv.	Resumes	Required	PDF	2 pages (max)	ControlNumber_LeadOrganization_Resumes
v.	Letters of Commitment	Required	PDF	1 page each (max)	ControlNumber_LeadOrganization_LOCs
vi.	Energy Justice Mapping Tool Report(s)	Required	PDF	n/a	ControlNumber_LeadOrganization_Energy_Justice_School_Report
vii.	Facility Needs Assessments	Required	PDF	n/a	ControlNumber_LeadOrganization_Facility_Needs_Assessment
viii.	Community Partnership Documentation	Required	PDF	n/a	ControlNumber_LeadOrganization_CPD
ix.	SF-424: Application for Federal Assistance	Required	PDF	n/a	ControlNumber_LeadOrganization_App424
x.	Summary for Public Release	Required	PDF	1 (max)	ControlNumber_LeadOrganization_Summary
xi.	Summary Slide	Required	MS Power-point	1	ControlNumber_LeadOrganization_Slide
xii.	SF-LLL Disclosure of Lobbying Activities	Required	PDF	n/a	ControlNumber_LeadOrganization_SF-LLL
xiii.	Current and Pending Support	Optional	PDF	n/a	ControlNumber_LeadOrganization_CPS
xiv.	Authorization for non-DOE/NNSA or DOE/NNSA FFRDCs (if applicable)	Required if applicable	PDF	n/a	ControlNumber_LeadOrganization_FFRDCAuth

Full Application must be submitted by 5PM ET

**April 21<sup>st</sup>, 2023**  
through EERE eXCHANGE

# Full Application – Project Narrative (IV.D.ii)

Applicants are encouraged to use the “Project Narrative Template” provided. If applicants do not use the template, the Project Narrative must conform to the following content and form requirements. This volume must address the technical review criteria as discussed in Section V.A.ii of the FOA. Save the Project Narrative in a single PDF file using the following convention for the title: “ControlNumber\_LeadOrganization\_ProjectNarrative”.

Enter Control Number

**Project Narrative Template**

[The instructional blue and red text throughout the template should be removed in the final version of the Project Narrative]

**Project Narrative Cover Page(s)**

*Note: Cover page(s) is counted towards the maximum number of Project Narrative pages (15 pages).*

**FOA Title:** 2022 Funding Opportunity Announcement for Energy Improvements at Public K-12 School Facilities

**FOA Number:** DE-FOA-0002756

**FOA Topic Area Name:** Enter the Topic Area Name form the FOA

**FOA Topic Area:** Enter the Topic Area Number (e.g., Topic Area 1, Topic Area 2)

**Name of Applicant:** Enter Applicant Name

**Control Number:** Enter Control Number

**Project Title:** Enter Proposed Project Name

**Project Location(s):** Enter Proposed Project Address(es) – include street address, city, state, and zip code + 4 for each location

**Project Contacts:**

Technical Contact	Business Contact
[Name] [Title] [Address] [City, State, Zip] [Office Phone Number] [Mobile Phone Number] [Email address]	[Name] [Title] [Address] [City, State, Zip] [Office Phone Number] [Mobile Phone Number] [Email Address]

Page 1 of 8

Enter Control Number

**Additional Key Project Participants and Organizations**

Please provide the name(s) and type of organization(s) of each additional key participating organization including the name, title, address, telephone number, and electronic mail addresses of participant contacts here, if applicable.

Organization	Role & Function	Point of Contact Information
[Name of Organization]	[Examples: Equipment Supplier, Owner's rep, EPC contractor, labor union/training provider, etc.]	[Name] [Title] [Address] [City, State, Zip] [Office Phone Number] [Mobile Phone Number] [Email address]
[Name of Organization]	[Examples: Equipment Supplier, Owner's rep, EPC contractor, labor union/training provider, etc.]	[Name] [Title] [Address] [City, State, Zip] [Office Phone Number] [Mobile Phone Number] [Email address]

**1.0 Project Overview**

*(Approximately 20% of total project narrative content)  
We suggest expanding on language from your submitted concept paper to respond to the project overview requirements*

**1.1 Background**

*The applicant should discuss the background of their organization, including the history and state of the current facilities. The applicant should summarize the findings of their needs assessment and the community served.*

**1.2 Project Goals**

*The applicant should explicitly identify the targeted improvements to school facility and the critical success factors in achieving that goal, including the ways in which the proposed project location and related infrastructure, skilled workforce, community benefits, etc. will contribute to the success of the overall project. The applicant should provide a clear and concise (high-level) statement of the goals and*

Page 2 of 8

Enter Control Number

*objectives of the project as well as the expected outcomes. The applicant can utilize the project goals from their concept paper to fill in this section.*

**1.3 Technical Project Description (Workplan)**

*The Applicant should provide a detailed description of the energy improvements and intended achievements for the particular topic area selected (High-Impact Energy Efficiency and Health Improvements or Innovative Energy Technology Packages). This should include the expected energy efficiency, energy savings, and safety benefits of the energy improvements. The applicant should also state whether the project will involve the construction, alteration, maintenance and/or repair of a public facility. See Appendix B of the FOA for applicable definitions and other information regarding the Buy America Requirement.*

**1.3.1 Technical Scope Summary**

*The applicant should provide a summary description of the overall work scope and approach to achieve the project objective(s). The overall work scope is to be divided by performance periods that are separated by discrete, approximately annual decision points (see below for more information on Go/No-Go decision points). The applicant should describe the specific expected results of each performance period, including milestones in the Community Benefits Plan.*

**1.3.2 Work Breakdown Structure (WBS) and Task Description Summary**

*Describe the work to be accomplished and how you will achieve the milestones, will accomplish the final project goal(s), and will produce all deliverables. The Workplan is to be structured with a hierarchy of performance period (approximately annual), task and subtasks, which is typical of a standard WBS for any project. The Workplan shall contain a concise description of the specific activities to be conducted over the life of the project. The description shall be a full explanation and disclosure of the project being proposed (i.e., a statement such as “we will then complete a proprietary process” is unacceptable). It is the applicant’s responsibility to prepare an adequately detailed task plan to describe the proposed project and the plan for addressing the objectives of this FOA. The summary provided should be consistent with the SOPO. The SOPO will contain a more detailed description of the WBS and tasks.*

**1.3.3 Go/No-Go Decision Points**

*Provide a summary of project-wide Go/No-Go decision points at appropriate points in the Workplan. At a minimum, each project must have at least one project-wide Go/No-Go decision point for each budget period (12 to 18-month period) of the project. See Section VI.B.xiv in the FOA document. The applicant must also provide the specific technical and community benefits plan criteria to be used to evaluate the project at the Go/No-Go decision point. The summary provided should be consistent with the SOPO. Go/No-Go decision points are considered “SMART” and can fulfill the requirement for an annual SMART milestone.*

**1.3.4 End of Project Goal**

*The applicant should provide a summary of the end of project goal(s). At a minimum, each project must have one SMART end of project goal.*

Page 3 of 8

DE-FOA-0002756

U.S. DEPARTMENT OF ENERGY    OFFICE OF STATE AND COMMUNITY ENERGY PROGRAMS (SCEP)

30

# Full Application – Project Narrative (IV.D.ii)

The following is a summary of the Project Narrative. The Project Narrative to the Full Application may not be more than 15 pages, including the cover page, and all citations, charts, graphs, maps, photos, or other graphics, and must include all of the information in the table below. The applicant should consider the weighting of each of the technical review criterion (see Section V.A.ii of the FOA) when preparing the Project Narrative.

<b>1.0 Project Overview</b> (~ 20% of Project Narrative)	The Project Overview should contain Background, Project Goals, and Technical Project Description (Workplan).
<b>2.0 Statements of Need</b> (~ 20% of Project Narrative)	The Statements of Need should contain: Community Need, Facility Needs Assessment, and Fiscal Need Capacity.
<b>3.0 Benefits and Impact</b> (~ 20% of Project Narrative)	The Benefits and Impact should contain: Benefits Metrics and Community Benefits Plan.
<b>4.0 Innovation and Scalability</b> (~ 20% of Project Narrative)	The Innovation and Scalability should contain: Project Innovation and Leveraging Funds and Investments.
<b>5.0 Qualifications and Workforce</b> (~ 20% of Project Narrative)	The Qualifications and Workforce should contain: Qualifications and Expertise, Operation and Maintenance Workforce Training, and Project Management.

# Full Application – Community Benefits Plan

To foster equitable implementation of the Bipartisan Infrastructure Law (BIL), DOE requests that Community Benefits Plans accompany all agency funding opportunity announcements (FOAs).

The Community Benefits Plan is included within the Project Narrative of the full application. The Community Benefits Plan is based on a set of four core policy priorities:

- Investing in America's workforce;
- Engaging communities and labor;
- Advancing diversity, equity, inclusion, and accessibility; and
- Implementing Justice 40.

Enter Control Number	Enter Control Number
<ul style="list-style-type: none"><li>• The current and historic ability of the partnering local educational agency to raise funds for construction, renovation, modernization, and major repair projects for schools;</li><li>• The ability of the partnering local educational agency to issue bonds or receive other funds to support the current infrastructure needs of the partnering local educational agency for schools; and</li><li>• The bond rating of the partnering local educational agency.</li></ul> <p><b>3.0 Benefits and Impact</b> (Approximately 20% of total project narrative content)</p> <p><b>3.1 Benefits Metrics</b> The applicant shall outline the expected benefits of the proposed project such as expected energy savings, energy efficiency improvements, health and safety benefits, greenhouse gas reductions and impacts to student learning.</p> <p><b>3.2 Community Benefits Plan</b> Applicants shall address the following four areas in their community benefits plan:</p> <p><b>3.2.1 Community and Labor Engagement</b> The Community Benefits Plan must describe the applicant's actions to date and future plans to engage with labor unions, Tribal and local governments and community stakeholders – such as community-based organizations that support or work with underserved communities, including disadvantaged communities as defined for purposes of the Justice40 Initiative.</p> <p>For more guidance, see BIL FOA FAQ found at <a href="https://www.energy.gov/bil/community-benefits-plan-frequently-asked-questions-faq">https://www.energy.gov/bil/community-benefits-plan-frequently-asked-questions-faq</a>.</p> <p><b>3.2.2 Supporting quality jobs</b> Describe your approach to investing in workforce education and training of both new and incumbent workers to support career-track learning and ensuring jobs are of sufficient quality to attract and retain skilled workers in the industry.</p> <p><b>3.2.2.1 Workforce Attraction, Training and Retention</b> A summary of your plan to attract, train, and retain a skilled and well-qualified workforce for both construction and ongoing operations/production activities. A collective bargaining agreement, project labor agreement, labor-management partnership, or other similar agreement would provide evidence of such a plan. Alternatively, you may describe:</p> <ul style="list-style-type: none"><li>• wages, benefits, and other worker supports to be provided;</li><li>• commitments to support workforce education and training, including measures to reduce employee turnover costs for employers, increase productivity from a committed and engaged workforce, and promote a nimble, resilient, and stable workforce for the project; and</li><li>• Skill standards and certifications to ensure equipment is installed by skilled and trained workers</li></ul>	<ul style="list-style-type: none"><li>• efforts to engage employees in the design and execution of workplace safety and health plans.</li></ul> <p><b>3.2.2.2 Collective Bargaining</b> Employees' ability to organize, bargain collectively, and participate, through labor organizations of their choosing, in decisions that affect them contributes to the effective conduct of business and facilitates amicable settlements of any potential disputes between employees and employers, providing assurances of project efficiency, continuity, and multiple public benefits.</p> <p>Describe any trade unions with whom you are working or describe how workers and trainees will have free and fair access to join a union.</p> <p><b>3.2.3 Diversity, Equity, Inclusion, and Accessibility (DEIA)</b> Describe how diversity, equity, inclusion, and accessibility (DEIA) objectives will be incorporated into the project. Detail how you will partner with underrepresented businesses, educational institutions, and training organizations that serve workers who face barriers to accessing quality jobs, and/or other project partners to help address DEIA.</p> <p>The following is a non-exhaustive list of potential DEIA actions that could be included in a Plan. This list is offered to provide guidance to applicants and is not intended to be comprehensive or mandatory.</p> <ul style="list-style-type: none"><li>• Commitment to partner with Minority Business Enterprises, Minority Owned Businesses, Woman Owned Businesses, and Veteran Owned Businesses for contractor support needs; and</li><li>• To fill open positions for the DOE-funded project, partner with workforce training organizations serving under-represented communities and those facing systemic barriers to quality employment such as those with disabilities, returning citizens, opportunity youth, and veterans.</li></ul> <p><b>3.2.4 Justice40 Initiative</b></p> <p><b>3.2.4.1 Benefit Delivery Plan</b> A description of how and when anticipated benefits are expected to flow to disadvantaged communities. For example, will the benefits be provided directly within the disadvantaged communities identified in the Justice40 Initiative action, or are the benefits expected to flow in another way? Further, will the benefits flow during project development or after project completion, and how will applicant track benefits delivered?</p> <p><b>3.2.4.2 Anticipated and Existing Environmental Impacts</b> A discussion of anticipated negative and cumulative environmental impacts on disadvantaged communities. Are there anticipated negative or positive environmental impacts associated with the project, and how will the applicant mitigate any negative impacts? Within the context of cumulative impacts created by the project, applicants should use Environmental Protection Agency EJSCREEN tool to quantitatively discuss existing environmental impacts in the project area.</p>

# Full Application – Budget Workbook SF-424A

Applicant Name: \_\_\_\_\_ Control Number: \_\_\_\_\_

## Budget Information - Non Construction Programs

OMB Approval No. 0348-0044

### Section A - Budget Summary

Grant Program Function or Activity (a)	Assistance Listing Number (b)	Estimated Unobligated Funds		New or Revised Budget			
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)		Total (g)
1. Budget Period 1	81.086			\$611	\$5		\$616
2. Budget Period 2	81.086			\$0			\$0
3. Budget Period 3	81.086			\$0			\$0
4. Budget Period 4	81.086			\$0			\$0
5. Budget Period 5	81.086			\$0			\$0
6. Totals		\$0	\$0	\$611	\$5		\$616
<b>7. Object Class Categories</b>							
<b>Grant Program, Function or Activity</b>						<b>Total (5)</b>	
		Budget Period 1	Budget Period 2	Budget Period 3	Budget Period 4	Budget Period 5	
a. Personnel		\$616					\$616
b. Fringe Benefits							\$0
c. Travel							\$0
d. Equipment							\$0
e. Supplies							\$0
f. Contractual							\$0
g. Construction							\$0
h. Other							\$0
i. Total Direct Charges (sum of 7a-7h)		\$616	\$0	\$0	\$0	\$0	\$616
j. Indirect Charges							\$0
k. Totals (sum of 7i-7j)		\$616	\$0	\$0	\$0	\$0	\$616
<b>8. Program Income</b>							
							\$0

Previous Edition Usable  
Authorized for Local Reproduction

Prescribed by OMB Circular A-102

SF-424A (Rev. 4-92)

DE-FOA-0002756

# Appendix B – Buy America Requirements

In accordance with Section 70914 of the BIL, none of the project funds (includes federal share and recipient cost share) may be used for a project for infrastructure unless:

- 1** all iron and steel used in the project are produced in the United States--this means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States;
- 2** all manufactured products used in the project are produced in the United States—this means the manufactured product was manufactured in the United States; and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation; and
- 3** all construction materials are manufactured in the United States—this means that all manufacturing processes for the construction material occurred in the United States.

# Replies to Reviewer Comments (IV.E)

DOE will provide applicants with reviewer comments following the evaluation of all eligible Full Applications. Applicants have a brief opportunity to prepare a short Reply to Reviewer Comments (Reply). **The Reply must not exceed three (3) pages. If a Reply is more than three (3) pages in length, DOE will review only the first three (3) pages and disregard any additional pages.** Applicants may use the Reply to respond to one or more comments or to supplement their Full Application. The Reply may include text, graphs, charts, or data.

DOE will post the reviewer comments in EERE Exchange. The expected submission deadline is on the cover page of the FOA; however, it is the applicant's responsibility to monitor EERE Exchange in the event that the expected date changes. The deadline will not be extended for applicants who are unable to timely submit their Reply due to failure to check EERE Exchange or relying on the expected date alone. Applicants should anticipate having approximately three (3) business days to submit a Reply.



DE-FOA-0002756

## V. Application Review Information

# Review Criteria - Concept Papers (V.A.i)

Concept Papers are evaluated based on consideration of the following factors. All sub-criteria are of equal weight.

## **Concept Paper Criterion: Overall FOA Responsiveness and Viability of the Project (Weight: 100%)**

This criterion involves consideration of the following factors:

The proposed work, if successfully accomplished, would clearly meet the objectives as stated in the FOA including:

- Facility/Facilities demonstrate a **facility needs assessment**;
- Facility/Facilities serve a community considered high-need;
- Applicant demonstrates a large discrepancy between facility need and fiscal capacity;
- Proposed energy improvements will likely result in significant energy cost savings;
- Proposed energy improvements will likely result in health and safety improvements;
- Project represents an innovation and scalability of technology packages partnership structures and/or financing options; and
- Applicant articulates a feasible plan to execute and maintain improvements.

DE-FOA-0002756

# Review Criteria – Full Application(V.A.ii)

For Full Applications, applications will be evaluated against the technical review criteria shown below. All sub-criteria are of equal weight.

## Criterion 1: Need (20%)

- Degree to which the school facility demonstrates a high need for renovation, repair or improvement due to lack of capital funding;
- Extent to which the project demonstrates a large discrepancy between facility needs and fiscal capacity and ability to fund improvements; and
- Degree to which the project is based in and serves a community of high need (e.g. rural, high percentage of students qualifying for free and reduced priced lunch, tribal, disadvantaged communities (DAC), etc.).

# Review Criteria – Full Application(V.A.ii)

Applications will be evaluated against the technical review criteria shown below. All sub-criteria are of equal weight.

## Criterion 2: Benefits and Impact (40%)

- Degree to which the proposed project will likely result in significant energy and cost savings;
- Degree to which the proposed project will likely result in health and safety benefits;
- Degree to which the proposed project will likely result in significant greenhouse gas emissions reductions;
- Degree to which the proposed project will likely result in improvements to student learning and growth; and
- Extent to which applicant's Community Benefits Plan illustrates project viability and social risk mitigation through community and labor engagement; investment in the American workforce; diversity, equity, inclusion and accessibility (DEIA) goals, and "Justice 40 Initiative" benefits to DAC.

# Review Criteria – Full Application(V.A.ii)

Applications will be evaluated against the technical review criteria shown below. All sub-criteria are of equal weight.

## Criterion 3: Innovation and Scalability (20%)

- Extent to which the proposed technology, process, or project is innovative;
- Extent to which the project is scalable both within the applicants LEA as well as how this could be replicable in other LEAs; and
- Extent to which the project leverages additional funds.

# Review Criteria – Full Application(V.A.ii)

Applications will be evaluated against the technical review criteria shown below. All sub-criteria are of equal weight.

## Criterion 4: Qualifications and Workplan (20%)

- The capability of the Project Manager(s) and the proposed team to address all aspects of the proposed work with a high probability of success;
- The qualifications, relevant expertise, and time commitment of the individuals on the team;
- Adequacy, reasonableness, and soundness of the project schedule, as well as annual Go/No-Go decisions prior to a budget period continuation application, interim milestones, and metrics to track process;
- Soundness of a plan to expeditiously address environmental, siting, and other regulatory requirements for the project, including evaluation of resilience to climate change;
- The likelihood that the partnering local educational agency or eligible entity will maintain, in good condition, any school and school facility that is the subject of improvements.

# Evaluation and Selection Process (V.D.i)



The evaluation process consists of multiple phases; each includes an **initial eligibility review** and a **thorough technical review**. Rigorous technical reviews of eligible submissions are conducted **by reviewers that are experts** in the subject matter of the FOA.

The Selection Official may consider the technical merit, the Federal Consensus Board's recommendations, **program policy factors**, and the amount of funds available in arriving at selections for this FOA.

DE-FOA-0002756

## VI. Award Administration Information

# Registration Requirements (VI.B.i)

There are several one-time actions before submitting an application in response to this FOA, and it is vital that applicants address these items as soon as possible. **Some may take several weeks, and failure to complete them could interfere with an applicant's ability to apply to this FOA, or to meet the negotiation deadlines and receive an award if the application is selected.** These requirements are as follows:

## 1. EERE Exchange

Register and create an account on EERE Exchange at <https://eere-Exchange.energy.gov>. This account will then allow the user to register for any open EERE FOAs that are currently in EERE Exchange.

On July 29, 2022\*, eXCHANGE was updated to integrate with Login.gov. As of September 29, 2022\*, potential applicants are required to have a Login.gov account to access EERE eXCHANGE. As part of the eXCHANGE registration process, new users will be directed to create an account in [Login.gov](https://login.gov). Please note that the email address associated with Login.gov must match the email address associated with the eXCHANGE account. For more information, refer to the Exchange Multi-Factor Authentication (MFA) Quick Guide in the [Manuals section](#) of eXCHANGE.

- Applicants must designate primary and backup points-of-contact in EERE eXCHANGE with whom EERE will communicate to conduct award negotiations
- It is imperative that the Applicant/Selectee be responsive during award negotiations and meet negotiation deadlines

# Registration Requirements (VI.B.i)

## 2. System for Award Management (SAM)

Register with the SAM at <https://www.sam.gov>. Designating an Electronic Business Point of Contact (EBiz POC) and obtaining a special password called a Marketing Partner ID Number (MPIN) are important steps in SAM registration. Please update your SAM registration annually.

## 3. FedConnect

Register in FedConnect at <https://www.fedconnect.net>. To create an organization account, your organization’s SAM MPIN is required. For more information about the SAM MPIN or other registration requirements, review the FedConnect Ready, Set, Go! Guide at [https://www.fedconnect.net/FedConnect/Marketing/Documents/FedConnect\\_Ready\\_Set\\_Go.pdf](https://www.fedconnect.net/FedConnect/Marketing/Documents/FedConnect_Ready_Set_Go.pdf).

## 4. Grants.gov

Register in Grants.gov (<http://www.grants.gov>) to receive automatic updates when Amendments to this FOA are posted. However, please note that Letters of Intent, Concept Papers, and Full Applications will not be accepted through Grants.gov.

Registration Requirement	Website
SAM	<a href="https://www.sam.gov">https://www.sam.gov</a>
FedConnect	<a href="https://www.fedconnect.net">https://www.fedconnect.net</a>
Grants.gov	<a href="http://www.grants.gov">http://www.grants.gov</a>

## VII. Conclusion

# FOA Modifications (VIII.A)



Amendments to this FOA will be posted on the **EERE Exchange** website and the **Grants.gov** system. However, you will only receive an email when an amendment or a FOA is posted on these sites if you register for email notifications for this FOA in Grants.gov. DOE recommends that you register as soon as possible to ensure you receive timely notice of any amendments or other FOAs.

# Teaming Partner List (I.A.iii)

DOE is continuing to gather information for the “Teaming Partner List,” first presented in the Notice of Intent (DE-FOA-0002858), in order to facilitate the formation of new project teams for this FOA. The Teaming Partner List allows organizations who may wish to participate on an application to express their interest to other applicants and to explore potential partnerships.

Updates to the Teaming Partner List will be available on the EERE Exchange website under this funding opportunity. The Teaming Partner List will be regularly updated to reflect new teaming partners who provide their organization’s information.

**SUBMISSION INSTRUCTIONS:** Any organization that would like to be included on this list should submit the following information: Organization name, generic organization contact email, generic contact phone, organization type, geographical area of interest, area of technical expertise (bulleted list less than 25 words), and brief description of capabilities (less than 100 words). Interested parties should email the information to [SchoolsFOA@doe.gov](mailto:SchoolsFOA@doe.gov) with the subject line “Teaming Partner Information.”

**DISCLAIMER:** By submitting a request to be included on the Teaming Partner List, the requesting organization consents to the publication of the above-referenced information. By facilitating the Teaming Partner List, DOE is not endorsing, sponsoring, or otherwise evaluating the qualifications of the individuals and organizations that are self-identifying themselves for placement on this Teaming Partner List. DOE will not pay for the provision of any information, nor will it compensate any applicants or requesting organizations for the development of such information.

# Key Submission Reminders

1

## Check entries in EERE eXCHANGE

Submissions could be deemed ineligible due to an incorrect entry

2

**DOE strongly encourages Applicants to submit 1-2 days prior to the deadline to allow for full upload of application documents and to avoid any potential technical glitches with EERE eXCHANGE**

3

## Make sure you click the “submit” button

Any changes made after you hit submit will un-submit your application and you will need to click the submit button again

4

For your records, **print out the EERE eXCHANGE page at each step**, which contains the application’s Control Number

Concept Papers must be submitted by **5pm ET**

**January 26<sup>th</sup>, 2023**

(Note – Concept Papers are required in order to submit for a full application)

Full Application must be submitted by **5PM ET**

**April 21<sup>st</sup>, 2023**

<https://eere-exchange.energy.gov/Default.aspx#Foald06985843-f32c-494e-880a-cb5db6d787a4>

DE-FOA-0002756

# Questions (VII)

Upon the issuance of a FOA, DOE personnel are prohibited from communicating (in writing or otherwise) with applicants regarding the FOA except through the established question and answer process as described below.



Specifically, questions regarding this FOA must be submitted to: [schoolsFOA@doe.gov](mailto:schoolsFOA@doe.gov). Questions must be submitted not later than 3 business days prior to the application due date and time. Please note, feedback on individual concepts will not be provided through Q&A.



All questions and answers related to this FOA will be posted on EERE Exchange at: <https://eere-exchange.energy.gov>. You must first select this specific FOA Number to view the questions and answers specific to this FOA. DOE will attempt to respond to a question within 3 business days, unless a similar question and answer has already been posted on the website.

Questions related to the registration process and use of the EERE Exchange website should be submitted to: [EERE-ExchangeSupport@hq.doe.gov](mailto:EERE-ExchangeSupport@hq.doe.gov).

# Q&A Spreadsheet

ADMINISTRATIVE QUESTION AND ANSWER LOG					
DE-FOA-0002756 - Bipartisan Infrastructure Law Section 40541: Energy Improvements at Public K-12 School Facilities - Renew America's Schools Grant Program					
Quest Type	Questi on	Date Submitted	Topi c	Question	Answer
DOE	DOE 1.1	N/A	Project Elig	What types of projects are eligible?	<p>See FOA Section I.B.</p> <p><b>Topic Area 1 – High-Impact Energy Efficiency and Health Improvements</b> Proposals contemplated under this topic area will include energy improvements that result in direct reduction to school energy costs, increase energy efficiency, and lead to improvements in teacher and student health, including indoor air quality. Energy cost savings may be realized by reduced loads and/or by demand flexibility and demand response approaches.</p> <p>These high-impact energy improvements may take the form of repairs, renovations, or installations to the facility envelope, air conditioning system, ventilation system, heating system, domestic hot water heating system, compressed air system, distribution system, lighting system, power system, and/or controls of a building. Applicants are encouraged to package multiple improvements for deeper savings and carbon reductions. (Section I.B.Topic Area 1)</p> <p><b>Topic Area 2 - Innovative Energy Technology Packages</b> Proposals contemplated under this topic include innovative energy technology packages. Applicants may include any improvement, repair, or renovation to a school that incorporates two or more of the following energy improvements.</p> <ul style="list-style-type: none"> <li>-Energy efficiency measures e.g. HVAC, building envelope improvements, lighting retrofits, sensors and controls</li> <li>-Installation of renewable energy technologies e.g. rooftop solar or micro wind turbines</li> <li>-Alternative fueled vehicle infrastructure on school grounds</li> <li>-Purchase or lease of alternative fueled vehicles to be used by a school (Section I.B.Topic Area 2)</li> </ul>
DOE	DOE 1.2	N/A	Project Elig	Where can we receive guidance on the types of projects that are appropriate to our buildings, and which would strengthen our applications?	<p>For a general overview of application expectations, see FOA Section V.A.</p> <p>The proposed work, if successfully accomplished, would clearly meet the objectives as stated in the FOA including:</p> <ul style="list-style-type: none"> <li>-Facility/Facilities demonstrate a facility needs assessment;</li> <li>-Facility/Facilities serve a community considered high-need;</li> <li>-Applicant demonstrates a large discrepancy between facility need and fiscal capacity;</li> <li>-Proposed energy improvements will likely result in significant energy cost savings;</li> <li>-Proposed energy improvements will likely result in health and safety improvements;</li> <li>-Project represents an innovation and scalability of technology packages partnership structures and/or financing options; and</li> <li>-Applicant articulates a feasible plan to execute and maintain improvements IV.C.Facility Needs Assessment and Section (Section V.A.i)</li> </ul> <p>To identify site-specific impacts of specific upgrades, see School Needs and Benefits Assessment Resources page: DOE has compiled a variety of tools that can be used to assess needs and benefits, which can be found on the <i>School Needs and Benefits Assessment Resources page</i></p>
					<p>See FOA Section I.B. For further information, see FOA Section V, Application Review Information.</p> <p><b>Topic Area 1 – High-Impact Energy Efficiency and Health Improvements</b> Proposals contemplated under this topic area will include energy improvements that result in direct reduction to school energy costs, increase energy efficiency, and lead to improvements in teacher and student health, including indoor air quality. Energy cost savings may be realized by reduced loads and/or by demand flexibility and demand response approaches.</p> <p>These high-impact energy improvements may take the form of repairs, renovations, or installations to the facility envelope, air conditioning system, ventilation system, heating system, domestic hot water heating system, compressed air system, distribution system, lighting system, power system, and/or controls of a building. Applicants are encouraged to package multiple improvements for deeper savings and carbon reductions. (Section I.B.Topic Area 1)</p> <p><b>Topic Area 2 - Innovative Energy Technology Packages</b> Proposals contemplated under this topic include innovative energy technology packages. Applicants may include any improvement, repair, or renovation to a school that incorporates two or more of the following energy improvements.</p> <ul style="list-style-type: none"> <li>-Energy efficiency measures e.g. HVAC, building envelope improvements, lighting retrofits, sensors and controls</li> </ul>

<https://eere-exchange.energy.gov/Default.aspx#Foald06985843-f32c-494e-880a-cb5db6d787a4>

DE-FOA-0002756

# THANK YOU

## Renew America's Schools – FOA Webinar

U.S. Department of Energy (DOE)  
Office of State and Community Energy Programs (SCEP)

FOA Webinar

DE-FOA-0002756

December 6, 2022