



**BUILDING AMERICA INDUSTRY
PARTNERSHIPS FOR HIGH PERFORMANCE
HOUSING INNOVATIONS**

[Building America FOA@ee.doe.gov](mailto:FOA@ee.doe.gov)

**FOA Webinar
DE-FOA-0001117
11/17/2014**

Notice

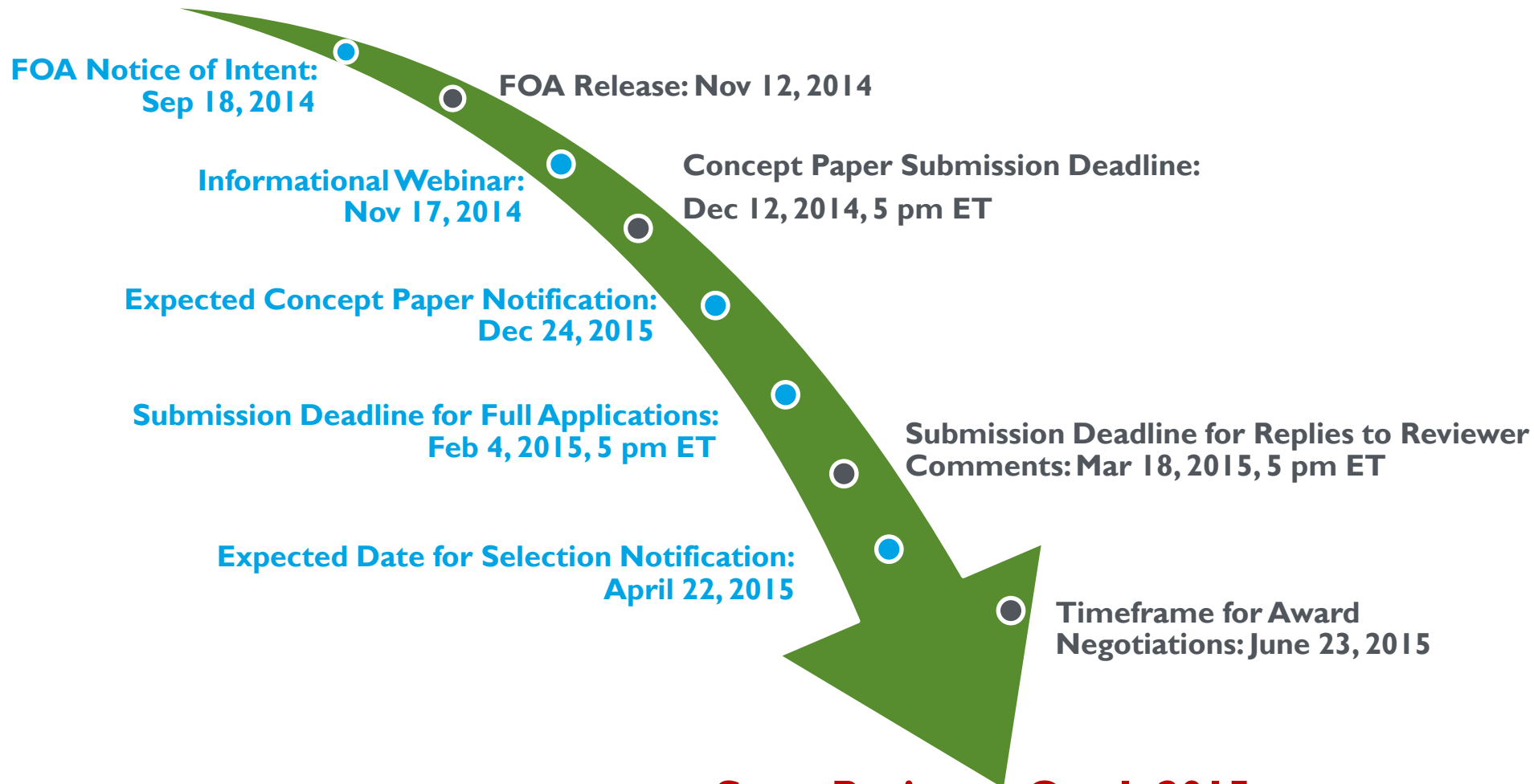
- ***None of the information presented here is legally binding.***
- All applicants are strongly encouraged to carefully read the Funding Opportunity Announcement DE-FOA-0001117 (**“FOA”**) and adhere to the stated submission requirements.
- If there are any inconsistencies between the FOA and this presentation or statements from DOE personnel, ***the FOA is the controlling document and applicants should rely on the FOA language*** and seek clarification from EERE.
- If you believe there is an inconsistency, please contact Building_America_FOA@ee.doe.gov.

What is a Funding Opportunity Announcement?

1. Contains instructions for potential applicants;
2. Provides the objectives of the funding opportunity;
3. Outlines directions for successfully submitting the application:
 - Eligibility,
 - Required documents,
 - Technical objectives,
 - Review criteria and scoring; and
4. Includes conditions associated with federal funding.

Schedule

FOA = Funding Opportunity Announcement



*Questions to:

Building_America_FOA@ee.doe.gov

**Start Projects: Oct 1, 2015
(or sooner)**

Award Information

Total Amount to be Awarded	\$4,000,000*
Average Award Amount	EERE anticipates making awards that range from \$1,000,000 to \$4,000,000.
Types of Funding Agreements	Cooperative Agreements
Period of Performance	24 to 36 months
Cost Share Requirement	20% of Total Project Costs

*Subject to the availability of appropriated funds

FOA Description

- With this FOA, RBI will select and fund 1 to 4 building science teams in 2015
- Selected teams will conduct applied R&D in real world houses to demonstrate market-relevant strategies that will enable:
 - 40% energy savings in existing homes (pre-post retrofit) by 2030 and
 - 50% savings in new homes (over IECC 2009) by 2025.

FOA Description

- Building America teams selected in 2015 will focus on developing and implementing solutions to three inter-related core technical challenges in the next three years:
 - A. High performance building envelope assemblies and systems for low-load homes
 - B. Optimal comfort systems (i.e., heating, cooling, air distribution & humidity control) for low-load homes
 - C. High performance ventilation systems & indoor air quality (IAQ) strategies

FOA Description

- Primarily focused on solutions for ...
Hot/humid, Mixed Humid, and Cold climates
- Applicants may propose either of the following approaches:
 1. Substantially solve one of these three core technical challenges comprehensively and cost-effectively without exacerbating the other two, or
 2. Address all three problems at once for high impact target market segments (identified & quantified).

Additional Requirements for Selected Teams:

- Develop and manage industry partnerships
- Attend Building America ... meetings
- Present results of Building America projects
- Collect and submit building ... data
- Participate in Building America technical peer review process
- Participate in BTO Peer Review upon request
- Building Science Education infrastructure development
- DOE Challenge Home Student Design Competition
- Develop & submit Building America ...
 - case studies
 - guidance documents, and
 - Building America Solution Center content

Topic Areas/Technical Areas of Interest

- This is a single topic FOA, addressing three integrated technology gaps focused on achieving high performance residential buildings and overcoming market barriers to adoption at scale.
- Each core technical challenge is described in further detail in the FOA, including:
 - problem summary,
 - justification (i.e., evidence that the problem hinders adoption of high performance homes), and
 - acceptable Building America activities to develop solutions.
- See FOA for details

Difference from Recent Building America Awards

- Cooperative agreements:
 - not contracts or subcontracts
 - EERE substantial involvement
- Full funding requirement (2-3 years)
- Tighter technical focus

Statement of Substantial Involvement

EERE has substantial involvement in work performed under Awards made following this FOA. EERE does not limit its involvement to the administrative requirements of the Award. Instead, EERE has substantial involvement in the direction and redirection of the technical aspects of the project as a whole. Substantial involvement includes, but is not limited to, the following:

- EERE shares responsibility with the Recipient for the management, control, direction, and performance of the Project.
- EERE may intervene in the conduct or performance of work under this Award for programmatic reasons. Intervention includes the interruption or modification of the conduct or performance of project activities.
- EERE may redirect or discontinue funding the Project based on the outcome of EERE's evaluation of the Project at that the Go/No Go decision point.
- EERE participates in major project decision-making processes.
- EERE reserves the right to direct which resources, including the assistance of and input from National Laboratories and FFRDC's that it will use to conduct the independent validation and analysis of project results.

Concept Papers

- Applicants **MUST** submit a Concept Paper.
 - Each Concept Paper must be limited to a single approach as described in sections I.A and I.B.
- The Concept Paper must include a technology description (See Section IV.C of the FOA)
 - The project description is **limited to 4 pages**.
 - The Concept Paper can also include graphs, charts, or other data (limited to 10 pages).
- Concept Papers must be submitted by **12/12/2014, 5:00pm EST**, through EERE Exchange, and must comply with the content and form requirements in Section IV.C of the FOA .
- EERE provides applicants with: (1) an “encouraged” or “discouraged” notification, and (2) the reviewer comments .

Full Applications

- The Full Application includes:
 - **Technical Volume:** The key technical submission - info relating to the technical content, project team members, etc.
 - **SF-424 Application for Federal Assistance:** The formal application signed by the authorized representative of the applicant.
 - **EERE 159 Budget Justification:** a detailed budget and spend plan for the project.
 - **Summary for Public Release**
 - **Summary Slide**
 - **Subaward Budget Justification (EERE 159)** (if applicable)
 - **Budget for non-DOE FFRDC** (if applicable)
 - **Administrative Documents:** E.g., U.S. Manufacturing Plan, Non-DOE FFRDC Authorization (if applicable), Disclosure of Lobbying Activities, etc

Full Application Eligibility Requirements

- Applicants must submit a Full Application by **2/4/2015, 5:00pm EST.**
- Full Applications are eligible for review if:
 - The Applicant is an eligible entity Section III.A of FOA;
 - The Applicant ***submitted an eligible Concept Paper;***
 - The ***Cost Share requirement*** is satisfied Section III.B of FOA;
 - The Full Application is compliant Section III.C of FOA; and
 - The proposed project is responsive to the FOA Section III.D of FOA
 - The Full Application meets any other eligibility requirements listed in Section III of the FOA.

Merit Review and Selection Process (Full Applications)

- The Merit Review process includes an initial eligibility review and a thorough technical review
- Rigorous technical reviews are conducted by reviewers that are experts in the subject matter of the FOA
- The Selection Official considers the merit review recommendations, program policy factors, and the amount of funds available in arriving at selections for this FOA

Cost Share

1. Minimum of 20% of total project costs;
2. Must be eligible under the award conditions;
3. Verifiable from the recipient's records;
4. Not included as contributions for any other federally-assisted project or program;
5. Necessary and reasonable for proper and efficient accomplishment of project or program objectives; and
6. Allowable under the cost principles applicable to the type of entity incurring the cost.

See Appendix B

Logistics

Data Produced Under the Award

- The Government normally retains unlimited rights to technical data produced under Government financial assistance awards, including the right to distribute to the public.
- “Protected data” may be protected from public disclosure for up to 5 years.
- Invention disclosures may be protected from public disclosure for a reasonable time in order to allow for filing a patent application.

Annual Compliance Audits

- For-profit prime recipients: an annual compliance audit by an independent auditor may be required if expenditures of Federal funds > \$500,000 during a fiscal year
- Other recipients: A-133 audit is required if expenditures of Federal funds > \$500,000 in a fiscal year

- Submit Questions to [Building America FOA@ee.doe.gov](mailto:Building_America_FOA@ee.doe.gov).
- Answers posted at <https://EERE-Exchange.energy.gov> , DE-FOA-0001117

Effective 12/26/2014, the DOE Financial Assistance regulations contained in 10 CFR 600 will be superseded by the Financial Assistance regulations contained in 2 CFR 200 (codified in Part IX of 2 CFR)

Key Points

We recommend that you-

- Double check your entries in EERE Exchange
 - Submissions could be deemed non-compliant due to an incorrect entry
- Make sure you hit the **Submit** button
- Follow formatting criteria and page lengths stated in the FOA
- Use the tables provided in the FOA to help construct a compliant application
- Suggested 48 hours before the due date (*note 5 pm ET*)
 - Avoid last-minute rush with EERE Exchange. EERE will not accept submissions that are late due to heavy network traffic.

Questions

- Questions about this FOA? Email Building_America_FOA@ee.doe.gov.
 - All Q&As related to this FOA will be posted on EERE Exchange
 - You must select this specific FOA Number in order to view the Q&As
 - EERE will attempt to respond to a question within 3 business days, unless a similar Q&A has already been posted on the website
- Problems logging into EERE Exchange or uploading and submitting application documents with EERE Exchange? Email EERE-ExchangeSupport@hq.doe.gov.
 - Include FOA name and number in subject line
- All questions asked during this presentation will be posted on EERE Exchange