THE UNIVERSITY OF NEW MEXICO

To: Distribution List

From: Faculty Research Development Office (FRDO)
Office of the Vice President for Research

Subject: Limited Competition: DOE, Bipartisan Infrastructure Law (BIL) FOA to Address Key Deployment Challenges for Offshore, Land-Based, and Distributed Wind (DE-FOA-0002828)

Date: 12/20/2022

The Wind Energy Technologies Office (WETO) of the Department of Energy (DOE) is issuing this Funding Opportunity Announcement (FOA) to Address Key Deployment Challenges for offshore, land-based, and distributed wind technology. The activities to be funded under this FOA support BIL section 41007(b)(1) and the broader government-wide approach to enable the innovations needed to advance U.S. wind systems, reduce the cost of electricity, and accelerate the deployment of wind power, maximize the benefits of the clean energy transition as the nation works to curb the climate crisis, empower workers, and advance environmental justice. The FOA consists of four Topic Areas as summarized in the table below:

Topic Area	**Title**	**Summary**
Topic Area 1, Subtopic 1a	High-Voltage Direct Current (HVDC) Standards and Benchmark System Development for Offshore Wind	Understand gaps in U.S. HVDC standards and begin addressing by developing a benchmark system and proposing and revising standards, especially to incorporate transmission for offshore wind.
Topic Area 1, Subtopic 1b	Multi-terminal HVDC Controls and Functional Requirements	Develop HVDC controls and identify functional requirements to address multi-terminal HVDC deployment barriers.
Topic Area 1, Subtopic 1c	HVDC Curriculum Development for Education and Workforce Training	Develop HVDC curriculum for education and workforce training.
Topic Area 2	Advancing Deployment of Distributed (ADD) Wind	Develop innovative zoning and permitting processes to make distributed wind (DW) more accessible to community members in localities where DW can be deployed cost-effectively and equitably to support

		community-based energy transition.
Topic Area 3, Subtopic 3a	Community Impacts of Offshore Wind Development	Social science research that characterizes the impacts of offshore wind development on affected communities through time, with particular interest in interactions between offshore wind and local economies.
Topic Area 3, Subtopic 3b	Capacity Building for Community Participation in Offshore Wind	Connect communities with the full offshore wind development process through community-driven, collaborative capacity building.
Topic Area 4	Bat Deterrent Technology Development	Advance bat deterrent technologies through behavioral research, field testing, and hardware development.

DOE expects to make a total of approximately $27.9M of federal funding available for new awards under this FOA, subject to the availability of appropriated funds. DOE anticipates making approximately 18 – 35 awards under this FOA. DOE may issue one, multiple, or no awards. Individual awards may vary between $500k and $8M. DOE anticipates making awards that will run from 12 months up to 72 months in length. More details can be found in the solicitation: https://eere-exchange.energy.gov/Default.aspx#FoaIdac8901f4-e765-482b-9931-f425cb8e1fbd. The deadline for submitting mandatory Concept Papers to the agency is **January 20, 2023.** Full proposals will be due **March 10, 2023**.

This is a limited competition for Topic Areas 1 and 2. **Each institution is limited to ONE Concept Paper for each subtopic area under Topic Area 1 (i.e. ONE for 1a, ONE for 1b, and ONE for 1c) and ONE concept paper for Topic Area 2.** Topic Areas 3 and 4 are *not* limited. You may submit a concept paper for those topic areas without pre-approval. If you are interested in submitting a concept paper for Topic Area 1 or 2, please submit a statement of interest with a tentative project title and a brief description (200 words) by **NOON on January 3, 2023** via UNM's **InfoReady Review portal**. **Because of the short turnaround time (DOE only announced this competition this week), this limited competition will be conducted on a first-come, first-served basis. This means that the first SOIs received for each subtopic area will be given the UNM slot for that area.**

Should you have any questions please feel free to contact us at limited@unm.edu.

If you are affiliated with HSC, please contact HSC Limited Competition at HSC-LimitedComps@salud.unm.edu for more information.