

**Notice of Intent (NOI) no. DE-FOA-0002086**  
**Issue Date: February 1, 2019**

DISCLAIMER: The "Notice of Intent to Issue" is for informational purposes only; the Department of Energy is not seeking comments on the information in this notice and applications are not being accepted at this time. Any information contained in this notice is subject to change.

**This is a Notice of Intent to Issue**  
**Funding Opportunity Announcement No. DE-FOA-0002000**

**"Regional Initiative to Accelerate CCUS Deployment"**

The Department of Energy (DOE) National Energy Technology Laboratory (NETL) intends to issue a Funding Opportunity Announcement (FOA) on behalf of the Office of Fossil Energy (FE), Carbon Storage Program. The FOA is anticipated to be issued in the second quarter of Fiscal Year 2019. The FOA will competitively award cooperative agreements that identify and address regional challenges to accelerate commercial deployment of carbon capture, utilization, and storage (CCUS) through a new regional initiative. DOE envisions awarding up to 4 financial assistance awards that will last 3-5 years.

This regional initiative may be based upon an established Regional Partnership region or a newly proposed region. ***The FOA will be an open solicitation that encourages consolidation of expertise and stakeholders within current Regional Carbon Sequestration Partnerships (RCSPs) to define regions that include expertise and stakeholders to accelerate commercial deployment of carbon storage.***

The FOA will seek to preserve, share, and advance the existing research and development (R&D) through activities to include:

1. **Addressing Key Technical Challenges** - Facilitate regional deployment of integrated CCUS by advancing the critical knowledge and capabilities needed for successful storage operations towards commercial deployment beginning in 2025 that ensures safe, secure, efficient, and affordable Carbon Dioxide (CO<sub>2</sub>) injection and containment in potential regional storage complexes in diverse geologic settings.
2. **Facilitating Data Collection, Sharing, and Analysis** - Collaborate with other DOE FE funded research efforts, including academia, National Laboratories and industry, to coordinate and facilitate collection and analysis of new data, and analysis of existing data in the region to improve understanding of the impacts of CO<sub>2</sub> injection/storage and ensure safe, secure, efficient, and affordable CO<sub>2</sub> injection and containment.

3. **Evaluating Regional Infrastructure** - Evaluate the regional needs and challenges for the development of a safe and environmentally sound CO<sub>2</sub> infrastructure that would transport CO<sub>2</sub> captured from fossil power generating plants and/or industrial sources and distribute for associated storage in enhanced oil recovery (EOR), saline storage, and/or other suitable storage sites.
4. **Promoting Regional Technology Transfer** – Identify and engage industry, utilities, potential site operators, regional non-governmental organizations, local authorities, and regulators to inform and educate on CCUS technologies.

#### **ELIGIBILITY**

All types of entities will be eligible to apply except Federal agencies, Federally Funded Research and Development Centers (FFRDC), and nonprofit organizations described in section 501(c)(4) of the Internal Revenue Code of 1986 that engaged in lobbying activities after December 31, 1995. Although FFRDC contractors are not eligible for an award as a prime, they may be proposed as a team member if, in aggregate, their effort does not exceed 30% of the total estimated cost of the project, including the applicant's and the FFRDC contractor's portions of the effort. The National Energy Technology Laboratory may not participate as a project team member or sub-awardee.

#### **SUBMISSION AND REGISTRATION REQUIREMENTS FOR FULL APPLICATION**

If the FOA is released, it will be posted at Grants.gov (<http://www.grants.gov>) and at FedConnect (<http://www.fedconnect.net>). Entities interested in applying for awards under the FOA are strongly encouraged to register at these sites to receive notification of announcements regarding the FOA. If DOE decides to issue the FOA, applications can only be submitted through Grants.gov.

**There are several one-time actions an applicant must complete to submit a Full Application in Grants.gov** (e.g., obtain a Dun and Bradstreet Data Universal Numbering System (DUNS) number, register with the System for Award Management (SAM), register with Grants.gov, and register in FedConnect.net to submit questions). Applicants who are not registered with SAM and Grants.gov, should allow at least 44 days to complete these requirements. It is suggested that the process be started as soon as possible.

- **DUNS** - Applicants must obtain a DUNS number (including the plus 4 extension, if applicable) from Dun and Bradstreet (D&B). DUNS website: <http://fedgov.dnb.com/webform>.
- **SAM** - Applicants must register with SAM at <http://www.sam.gov/> prior to submitting a Full Application in response to an FOA. NOTE: Designating an Electronic Business Point of Contact (EBiz POC) and obtaining a special password called an MPIN are important steps in SAM registration. Failure to register with SAM will prevent an organization from applying through Grants.gov. **The SAM registration must be updated annually.** More information

about SAM registration for applicants is found at:

[https://www.sam.gov/sam/transcript/Quick Guide for Grants Registrations v1.7.pdf](https://www.sam.gov/sam/transcript/Quick%20Guide%20for%20Grants%20Registrations%20v1.7.pdf).

- **Grants.gov** - Applicants must register with Grants.gov and set up a Workspace. An applicant cannot submit a Full Application through Grants.gov unless it is registered. Please read the registration requirements carefully and start the process immediately.

1) The Authorized Organizational Representative (AOR) must register at:

<https://apply07.grants.gov/apply/OrcRegister>

2) An email is sent to the E-Business (E-Biz) POC listed in SAM. The E-Biz POC must approve the AOR registration using their MPIN from their SAM registration.

**More information about the registration steps for Grants.gov is provided at:**

<https://www.grants.gov/web/grants/applicants/registration.html>

- **FedConnect.net** - Applicants must register with FedConnect to submit questions to an FOA. FedConnect website: [www.fedconnect.net](http://www.fedconnect.net).

#### **DISCLAIMER**

The DOE will **not** entertain questions at this time. Details on how to submit questions will be provided in the FOA (if released).

This NOI is to provide awareness that DOE may issue a FOA on this topic. Any information contained in this NOI is subject to change.

Full Applications are **not** being accepted at this time.