

Doing Business with the Office of Fossil Energy

Miranda Johnson, Office of Fossil Energy

Small Business Program Manager



FOSSIL.ENERGY.GOV

MISSION

The U.S. Department of Energy's Office of Fossil Energy (FE) plays a key role in helping the United States meet its continually growing need for secure, reasonably priced and environmentally sound fossil energy supplies. Put simply, FE's primary mission is to ensure the nation can continue to rely on traditional resources for clean, secure and affordable energy while enhancing environmental protection.

Office of Fossil Energy

The Energy Department's Fossil Energy organization is made up of about 1,000 scientists, engineers, technicians and administrative staff. Its headquarters offices are in downtown Washington, DC, and in Germantown, Maryland. The organization also includes the National Energy Technology Laboratory with offices in Morgantown, WV, Pittsburgh, PA, Sugar Land, TX, Albany, OR, and Anchorage, AK; the Strategic Petroleum Reserve based in New Orleans, LA; and the Rocky Mountain Oilfield Testing Center in Casper, Wyoming.

The Office of Fossil Energy is responsible for several high-priority initiatives including implementation of the \$2 billion, 10-year Clean Coal Power Initiative to develop a new generation of environmentally sound clean coal technologies, the Fossil Energy elements of the American Recovery and Reinvestment Act of 2009, and the nation's Strategic Petroleum Reserve and Northeast Home Heating Oil Reserve, both key emergency response tools available to the President to protect Americans from energy supply disruptions.

Services

Petroleum Reserves
International Cooperation
Natural Gas Regulation
Advisory Committees

Science & Innovation

Clean Coal
Carbon Capture & Storage
Oil & Gas

Small Businesses Make Up 25% of Fossil Energy's Acquisition Procurement Base

Small Business Total

\$112,127,125

- **Small Disadvantaged Non-(8a)** **\$ 25,333,433**
- **8(a)** **\$ 37,512,344**
- **Woman-Owned** **\$ 20,049,666**
- **HubZone** **\$ 8,831,482**
- **Service-Disabled & Veteran-Owned** **\$ 9,432,715**

Fossil Energy Opportunities in FY2014

- Management Support Services
 - Administrative & Management Support of Clean Power Generation for the U.S. DOE, Office of Clean Energy Systems.
 - 8A Set Aside for Small Business
 - Estimated Dollar Range: \$9M-\$10M
- Management Support Services
 - Technical & Management Support of Clean Power Generation for the U.S. DOE, Office of Clean Energy Systems.
 - Set Aside for Small Business
 - Estimated Dollar Range: \$14M-\$15M
- Engineering Services
 - Provide Engineering Services to the Office of Clean Energy Systems (OECS) in the Office of Clean Coal
 - Set aside for Small Business
 - Estimated Dollar Range: \$5M - \$10M

Fossil Energy Opportunities in FY2014

- Information Technology
 - Graphics Design Services, Custom Computer Programming Services, Computer Systems Design Services, Other Computer Related Services.
 - Set Aside for Small Business
 - Estimated Dollar Range: \$1M-\$5M
- Mission Execution and Strategic Analysis (MESA) Support Services
 - Mission Execution and Strategic Analysis Support Services for National Energy Technology Laboratory NETL, Office of Fossil Energy.
 - 100% Set Aside for Small Business
 - Estimated Dollar Range: \$35M
- Research and Development
 - Research and Development – Implementation and Support Service (RADIS) for National Energy Technology Laboratory NETL, Office of Fossil Energy.
 - Set Aside for Small Business
 - Estimated Dollar Range: \$TBD

National Energy Technology Laboratory

- Full-service DOE federal laboratory
 - Program planning
 - Budget formulation and execution
 - Procurement
 - Contracting & financial assistance
 - Project management
 - Including NEPA
 - Legal
 - Financial management & reporting
 - Onsite research
 - Program performance & benefit analysis
- Dedicated to energy RD&D, domestic energy resources
 - Fossil Energy
 - Support Offices of Electricity and Energy Efficiency
- Fundamental science through technology demonstration
- Unique industry–academia–government collaborations



Responsible for Substantial Infrastructure

- Pittsburgh, PA, and Morgantown, WV
 - Facilities 65 miles apart
 - 61 acres (Pittsburgh) and 137 acres (Morgantown)
 - 80 permanent and temporary buildings, > 969,000 sq. ft.
- Sugar Land, TX, and Anchorage, AK
 - Housed in leased space
 - 3,100 sq. ft. (Texas)
 - 750 sq. ft. (Alaska)
- Albany, OR
 - 44 acres
 - 38 buildings, > 258,000 sq. ft.
- Fleet of ~65 federal vehicles



Technology Support Facility, Morgantown

Site-Support Contractors Assist Lab Operations

Alliant Enterprises JV, LLC

Small Business

*Information Technology Operations &
Maintenance Support Services (ITOMS)*



Booz Allen Hamilton, Inc.

Large Business

*Energy Sector Planning and
Analysis Services (ESPA)*

Booz | Allen | Hamilton

Goldbelt Eagle, LLC

Alaska Native Small Disadvantaged
8(a) Business

Site Operations Services (SOS)



KeyLogic Systems, Inc.

Small Business

*Project Execution and Integration
Services (PEI)*



Leonardo Technologies, Inc.

Small Business

*Program and Performance
Management Services (PPM)*



Smart Data Solutions

Small Disadvantaged Veteran- and
Minority-Owned 8(a) Business

Support Administrative Services (SAS)



URS Corporation (URS Washington Division)

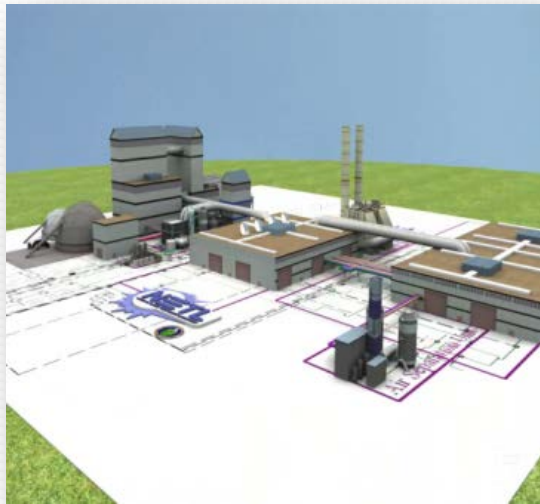
Large Business

Research and Engineering Services (RES)

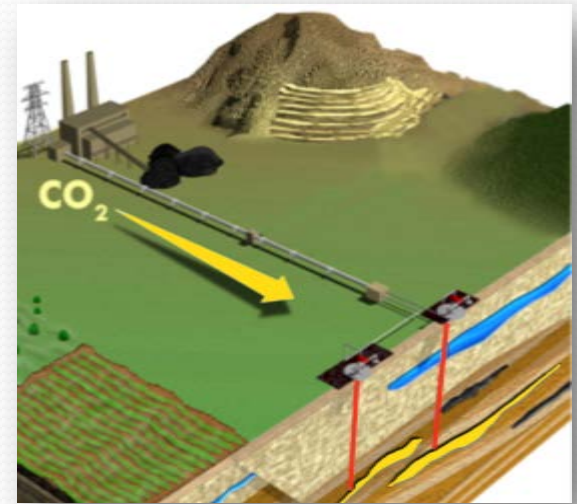


Establishing Strong National Laboratory Research Alliances

Carbon Capture Simulation Initiative (CCSI)



National Risk Assessment Partnership (NRAP)



Identify
Promising
Concepts



Develop Optimal
Designs



Quantify Technical
Risk in Scale-up



Lawrence Berkeley
National Laboratory



Lawrence Livermore
National Laboratory



Los Alamos
NATIONAL LABORATORY
EST. 1943



Pacific Northwest
NATIONAL LABORATORY

Accelerate Learning During Development & Deployment



NETL Procures Support / Supplies Through Contracts, Simplified Acquisitions, & Micro-purchases

Contracts

- **>\$150,000, Except for Commercial Items**

Simplified Acquisition

- **\$25,000 - \$150,000, FedConnect & FedBizopps**
- **\$15,000 - \$25,000, FedConnect**
- **\$3,000 - \$15,000, Oral Quotes**

Micro-purchases

- **<\$3,000, Purchase Card**

Acquisition Through FedConnect

FedConnect is an online marketplace where DOE and other Federal agencies post opportunities and make awards.

Any vendor can view public postings at www.FedConnect.net

FedConnect
Gateway to Federal Opportunities

[Sign In to Your FedConnect Account](#)

Don't have an account? Register now - It's Free!
Click here to register and gain access to federal contracting opportunities and/or grants and assistance funding.

[Have questions about how it works, click here to learn more.](#)

[Search Public Opportunities](#)

You can search federal opportunities that are available to the public without registering with FedConnect.
[Click here to see what is available today.](#)

FedConnect Information
- For Federal Agencies
- For Vendors
- For Grant Applicants
Latest FedConnect News
FedConnect Tutorial
- New Functionality Guide
Participating Agencies
FedConnect Accessibility Features
Contact Us

FedConnect Technical Support

Looking to do business with the US federal government? Are you seeking grants or assistance funding?
FedConnect can help you do both. The FedConnect portal is a one-stop location where you can find opportunities for federal contracts as well as opportunities for grants and assistance funds.
[Click here to learn more.](#)

FedConnect is free for vendors and applicants!
There is no charge for using FedConnect. Simply register with FedConnect and begin applying for contracts and grants. It is really that easy.
[Click here to register.](#)

If you submitted a registration request and are awaiting activation of your account, [click here to check the status.](#)

Are you a federal agency?
There is a lot of value to becoming a participating agency. [Click here](#) to learn how you can use FedConnect to electronically communicate with your vendor and/or applicant communities.

[Click here for a list of agencies who have subscribed to FedConnect.](#)

Premium Level Support Now Available. Click here to learn more.

Small Business Partnerships

SBIR and STTR

- Established under the Small Business Innovation Development Act of 1982 with the aim of strengthening small business involvement in federally-funded research
- Through FY2011 over 135,500 awards have been made totaling more than \$32.8 billion
- SBIR/STTR Reauthorization Act of 2011 extends these programs through September 2017



Small Business Partnerships

SBIR and STTR

Each year DOE invites small businesses to apply for SBIR and STTR grants

- Solicitations contain technical topics in energy-related research areas
- Grant applications **MUST** respond to a specific technical topic and subtopic
- Small businesses that win awards in these programs keep the rights to any technology developed and are encouraged to pursue commercialize

Small Business Partnerships

SBIR and STTR

SBIR and STTR programs have three phases

- **Phase I explores the feasibility of innovative concepts with awards up to \$150,000 for SBIR and \$100,000 for STTR, duration is about 9 months**
- **Phase II focuses on the principal R&D effort, with awards up to \$1,000,000 for SBIR awards and \$750,000 for STTR awards, over a two-year period**
- **Only Phase I award winners may compete for Phase II funding**

Small Business Partnerships

SBIR and STTR

- Phase III, in which non-Federal funding is used by the small business to pursue commercial applications
- Under Phase III, Federal agencies may award non-SBIR/STTR-funded, follow-on grants or contracts for products or processes that meet the mission needs of those agencies, or for further R&D

What are the chances of winning?

- Proposal-to-award ratios are about 5-to-1 for Phase I and 2-to-1 for Phase II

Doing Business with Fossil Energy

Unsolicited Proposals

Unsolicited proposal

- **Application for support of an idea, method, or approach submitted by an individual, business, or organization solely on the proposers initiative**

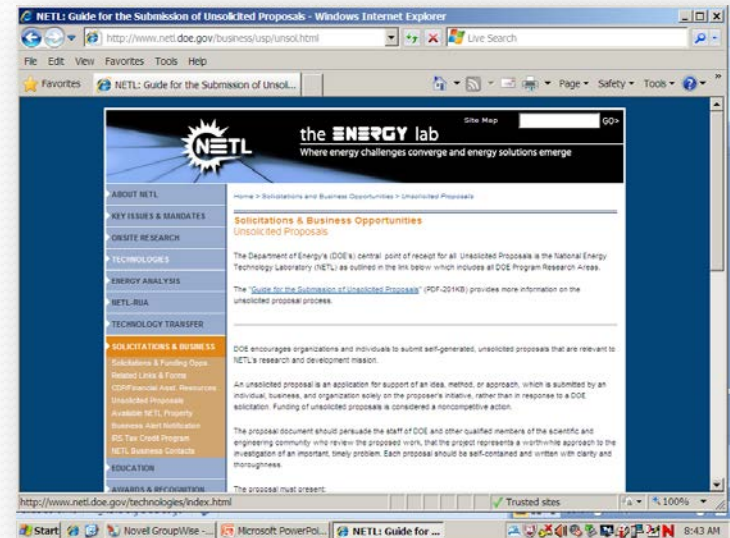
FE considers proposals in all areas of energy and energy-related R&D, with emphasis on long-term, high-risk, high-payoff technologies

Doing Business with Fossil Energy

Unsolicited Proposals

Unsolicited proposals must:

- **Demonstrate unique and innovative concepts by or capabilities of the submitter; or**
- **Offer a concept or service not otherwise available to the Federal government; and**
- **Not resemble the substance of a pending competitive solicitation**



<http://www.netl.doe.gov/business/usp/unsol.html>

Small Business Contacts

Miranda Johnson
Small Business Program Manager
202-586-7661
Miranda.johnson@hq.doe.gov

Larry Sullivan
Small Business Program Manager
412-386-6115
larry.sullivan@netl.doe.gov

Maria Reidpath
SBIR Coordinator
304-285-4140
maria.reidpath@netl.doe.gov

Mark Parker
Small Business Program Manager
307-233-4855
Mark.parker@rmotc.doe.gov

Robert Mohn
Contract Specialist
Simplified Acquisitions
412-386-4963
robert.mohn@netl.doe.gov

John Augustine
Unsolicited Proposals
Coordinator
412-386-4524
john.augustine@netl.doe.gov

Leslie Bourgeois
Procurement Analyst
504-734-4341
Leslie.bourgeois@spr.doe.gov

For More Information



Office of Fossil Energy
www.fe.doe.gov

NETL
www.netl.doe.gov

