

www.inl.gov



Working with INL

Stacey Francis
*Small Business Program
Manager*

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Our Vision, Mission, and Values Position us as a Vital Resource to Meet the Nation's Energy and Security Future

INL Vision

INL will change the world's energy future and secure our critical infrastructure.

INL Mission

Discover, demonstrate and secure innovative nuclear energy solutions, clean energy options and critical infrastructure.

INL Values

Excellence, Integrity, Ownership, Teamwork, Safety





What is a National Laboratory?

National Labs are Capability Machines



They do what industry and universities can't, won't or shouldn't do

Building on Our History to Secure Our Future

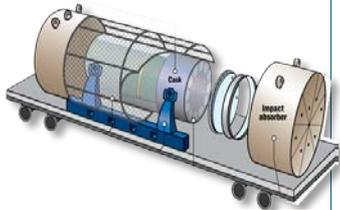
- 70-year anniversary - 1949-2019
- Nuclear Energy Research
 - Transient Reactor Test Facility
 - Small Modular Reactors
- Space Nuclear
 - Mars Rover
 - Pluto
- Critical Infrastructure Protection
 - Control systems for grid, water, transportation
- Data centers to support research
 - Collaborative Computer Center
 - Cybercore



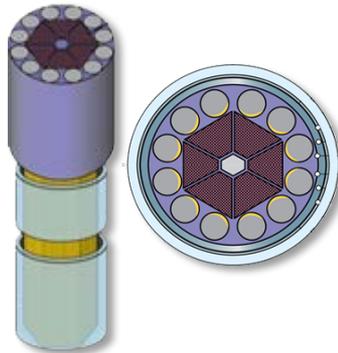
The Opportunity Ahead of Us – (estimates as of Jan 2020)

Demonstrate microreactor

- Resolve key advanced reactor issues
- Open new markets for nuclear energy
- Provide a 'win' to build positive momentum



Commercial microreactors deployed

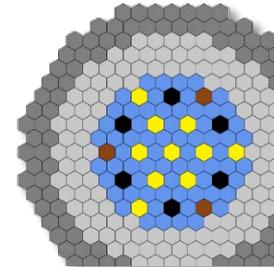


SMR-NuScale operating



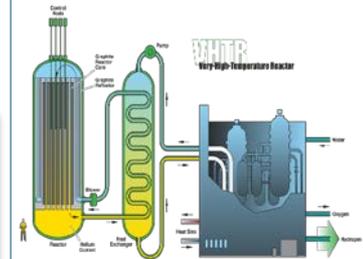
Versatile Test Reactor (VTR) operating by 2026

- Re-establish leadership in fast-spectrum testing and fuel development capability
- Supported by micro-reactor demonstration
- Support non-LWR advanced reactor demonstration



Non-LWR advanced demonstration reactors by 2030

- Demonstrate non-LWR technology replacement of U.S. baseload clean power capacity



Naval Reactors Facility

- Naval Spent Fuel Handling Facility
- Cask Shipping and Receiving Facility and Overpack Storage Facility



2021

2025

2026

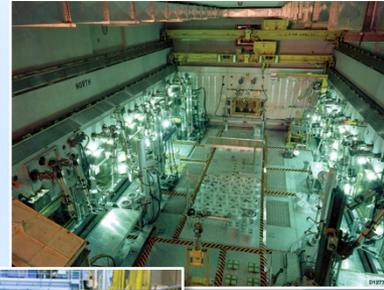
2028

2030

Idaho National Laboratory Site

We Maintain:

- 890 square miles
- 111 miles of electrical transmission and distribution lines
- 579 buildings
- 177 miles of paved roads
- 14 miles of railroad lines
- 4 operating reactors
- 2 spent fuel pools
- Mass transit system
- Security
- Museum
- Educational and research partnerships – CAES



INL Economic Impact

FOR EVERY 1 INL JOB, ANOTHER 2.19 JOBS ARE CREATED IN OTHER INDUSTRIES

Nearly 10,200 other Idaho jobs depend on INL and its operations

\$222 MILLION SPENT WITH IDAHO BUSINESSES

TOP 5 SUBCONTRACTING CATEGORIES

- Commercial & Institutional Building Construction
- Custom Computer Programming Services
- Professional, Scientific and Technical Services
- Computer Terminal & Other Peripheral Equipment
- Telecommunications Reseller

\$100K INL AVERAGE SALARY



332 IDAHO BUSINESSES IN PARTNERSHIP WITH INL



\$2.64 BILLION TOTAL ECONOMIC IMPACT

6th LARGEST PRIVATE EMPLOYER

9th LARGEST EMPLOYER



"To see the positive impact the Laboratory has on Idaho's economy is incredibly rewarding. Not just because we are helping improve the quality of life in our own backyard, but also because INL's steady growth shows that we are serving our fellow citizens by striving to resolve the nation's big energy and security issues."

Mark Peters, Director
Idaho National Laboratory

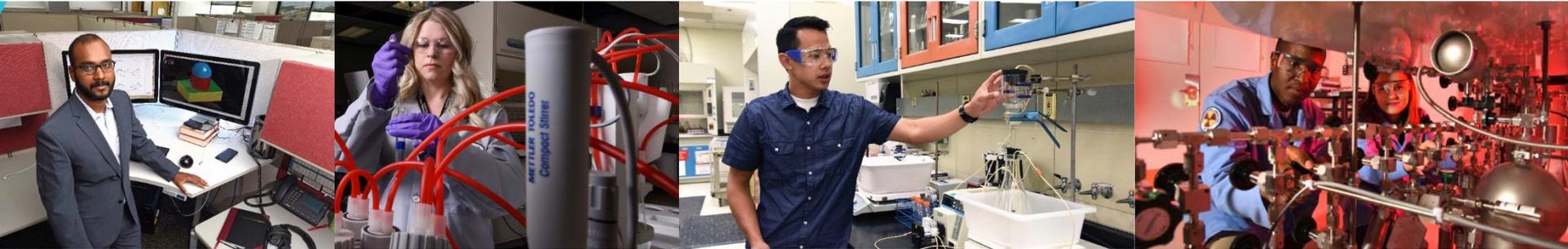
4,724 INL EMPLOYEES AS OF SEPT. 2019



INL GAVE \$674,000* COMMUNITY GIVING, TECHNOLOGY-BASED ECONOMIC DEVELOPMENT GIVING, K-12 STEM GIVING



Workforce Opportunities of Highest Need at INL



- Construction- skilled and non-skilled
- Advanced technician/skills: welding, operations, radiological and lab technicians
- Advanced Energy Systems
- Advanced Manufacturing
- Biological Processing
- Catalysis
- Chemistry/Chemical Engineering
- Computational Science
- Control Systems Cyber Security
- Critical infrastructure analysts
- Cyber Security
- Electrical Engineering
- Electrochemistry
- Industrial Controls/Control Systems
- Material Science (including Ceramics)
- Materials Engineering
- Mechanical Engineering
- Membrane Science/Separations
- Nuclear Engineering/Science (multi sub disciplines)
- Power Engineering
- Reactor Physics
- Supercritical Fluids/Pressure Chemistry
- Wireless Communications Engineers

Where Do We Need to Focus to Build a Sustainable Supply Chain for Energy Industry Growth?

What is Idaho's Opportunity?

Workforce

Tier 1: Professional Services

Tier 2: Technology Vendor

Tier 3: Systems Integrators

Tier 4: Original Equipment Manufacturers

Tier 5: Sub-component Suppliers/ Distributors

Tier 6: Processors/Fabricators

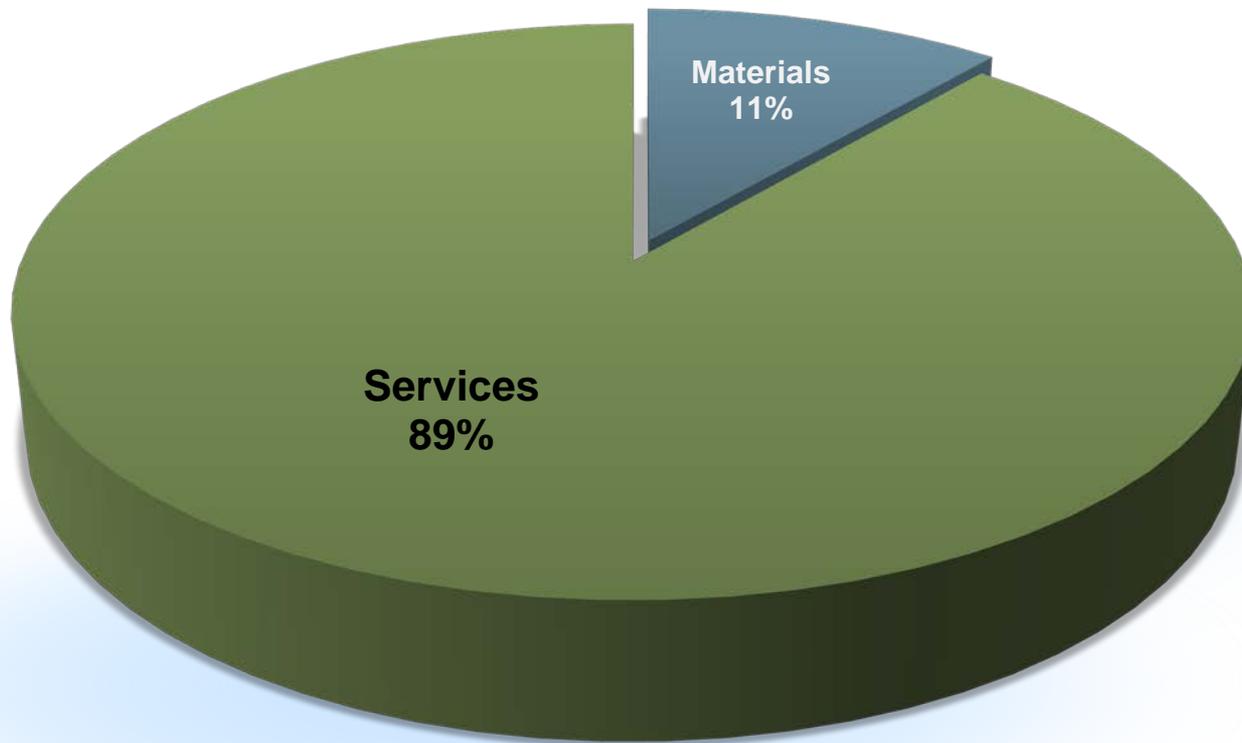
Tier 7: Raw Material Suppliers/Miners

Amy Lientz, Energy Supply Chain director
amy.Lientz@inl.gov

INL Small Business Goals

Small Business Category	INL FY20 Goals
Small Business	51%
Small Disadvantaged Business including 8(a)	5%
HUBZone Small Business	2.5%
Women-Owned Small Business	5%
Service-Disabled Veteran-Owned Small Business	3%
Idaho Business Concerns	30%

Where We Spend Our Money



Opportunities – What We Buy

The principle products and services to be procured in support of the INL Small Business Subcontracting Goals are those associated with an extremely diverse research and development environment and are vital to the vision and mission of the INL.

INL Principle Procurement Categories



- **Commodities:** office supplies; chemicals; industrial supplies; fasteners; tools; clothing; gasses; petroleum



- **Construction:** new facilities; infrastructure upgrades; leased buildings



- **Equipment:** capital equipment; heavy equipment; instrumentation; engineered hardware; nuclear fuels; reactor spare parts



- **Information Technologies:** specialty software; servers; programming telecommunications services and equipment; equipment systems;



- **Services:** technical services; engineering (civil, structural, mechanical, electrical) environmental support; facility support; janitorial; maintenance; university research and development

What We Are Looking For at INL

- Looking for the same things any other buyer
 - High quality products
 - Reliable suppliers
 - Fair prices

- We are also looking for certain things that might not as important to private sector customers:
 - Suppliers that help meet purchasing goals for small businesses and socio-economic goals
 - More than one potential supplier to ensure that contracts are awarded in a competitive environment to the maximum extent possible

Expectations and Responsibilities

- World-Class
- Safe Performance of Work
- On-time delivery/completion within performance period
- Services performed to the highest professional standards
- Apply best commercial purchasing practices and procedures
- Maximize opportunities for small businesses
- Competitive pricing

Getting Started with INL

- Obtain a Dun & Bradstreet (DUNS)
 - Soon to be a Unique Identifier assigned by the System for Awards Management – December 2020
- Obtain Employer Identification Number (EIN) from the Internal Revenue Service
- Small businesses **MUST** complete registration in the System for Awards Management (SAM.gov).
 - Soon all businesses will have to be registered in SAM
- Complete company registration in the INL vendor portal
 - vendor.inl.gov
- Forward line card or capability statement to Small Business Office
 - small.business@inl.gov

INL Vendor Portal

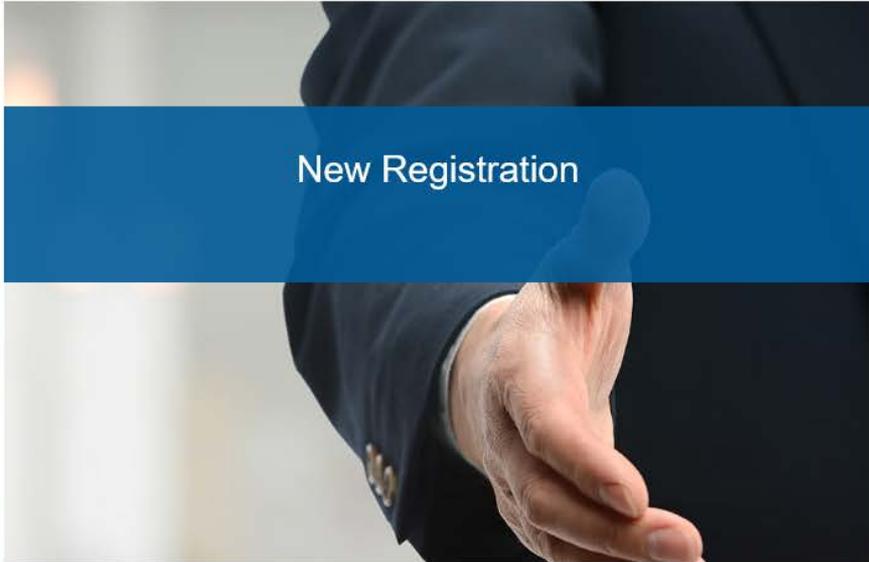


Welcome to the INL Vendor Registration Process

***** Registration in the INL Vendor Portal and the System For Awards Management (sam.gov) are FREE. There is no cost to register in SAM or for the annual renewal. There is a fraudulent email being sent from various email addresses about annual recertification in SAM and charging for the service. Please disregard those emails asking you to pay for the service. *****Fraudulent Purchase Orders--Suppliers and Vendors beware: Please be aware that fraudulent purchase orders are being circulated. If you do not recognize the INL contact name on a purchase order you've received, or you've never done business with INL and have received a purchase order, please contact us at 1-208-526-9554. Email addresses from INL end with "inl.gov" and not "inlgov.org", "inl.gov.", or "inl.gov.com". These are incorrect. Additionally, INL is not liable for unauthorized or fraudulent activities purporting to be from us. *****



Existing Registration



New Registration

Looking For Opportunities

- www.inl.gov
 - Partner with INL
 - Procurement Opportunities

Current Procurement Opportunities:

The listing below shows potential procurement opportunities at the laboratory. The items listed are planned activities, and they may or may not be awarded. If you are interested in one of the opportunities, you can express your interest by clicking on the opportunity number and completing the required information. In addition, you may want to complete the registration process in the [vendor portal](#).

Title	Category	Industry	Work Area	Estimated \$	Brief Description	RFP Date
TRA-609 2400 Volt Switchgear & MCCs	Material	236220 - Commercial and Institutional Building Construction	ATR	TBD	Upgrade switchgear in TRA-609	5/1/2018
TRA-781 Million Gallon Water Tank Recoat	Service	236220 - Commercial and Institutional Building Construction	ATR	TBD	Recoat of the water tank at TRA-781	5/1/2018
ATR Maintenance Support Building	Service	236220 - Commercial and Institutional Building Construction	ATR	\$5M-\$10M	BEA is seeking qualified firms (or firms willing to qualify) to compete for the award of a design-bid-build contract in support of the ATR Maintenance Support Building project. The building will be constructed at ATR on the INL. ATR is located approximately 50 miles west of Idaho Falls, Idaho. The building will be located inside the ATR security boundary. The facility will be divided into a weld shop, kitting/staging area, as well as two offices, tool crib, storage area, and mezzanine. Overall building size will be approximately 18,000 sq. ft. Conceptual floor plan and artist rendering of the facility are provided for information.	7/1/2018
Cold Waste Pumps	Service	236220 - Commercial and Institutional Building Construction	ATR	TBD	Cold Waste Pumps at ATR	4/1/2018

Upcoming Changes to be Aware Of

- beta.sam.gov
 - Unique Government Identifier being assigned
 - Will no longer use the Duns & Bradstreet numbers
 - Implementation starts this summer, transition by December 2020
- Woman-Owned Small Business Certification
 - Self-certification will no longer be accepted
 - The current self-certification process will remain available for firms until October 15, 2020, in [sba.gov](https://www.sba.gov);
 - Between now and July 15, 2020, WOSBs must download their documentation, currently housed in the WOSB Program Repository, from [sba.gov](https://www.sba.gov);
 - On July 15, 2020, firms can begin submitting applications for initial processing; and
 - On October 15, 2020, SBA will begin issuing decisions on certification.

Idaho National Laboratory

Department of Energy – Idaho

- Trevor Bluth, bluthtm@id.doe.gov, 208-526-3277

Prime Contractors

Office of Nuclear Energy

- Idaho National Laboratory – Managed and Operated by Battelle Energy Alliance, LLC
 - Stacey Francis - stacey.francis@inl.gov, 208-526-8564

Office of Environmental Management

- Idaho Cleanup Project – Fluor Idaho, LLC
 - Jennifer Lloyd- jennifer.lloyd@icp.doe.gov, 208-533-0017

Office of Naval Propulsion

- Naval Reactors Facility – Fluor Marine Propulsion Corporation
 - Bryce Wheeler – bryce.wheeler@unnpp.gov, 208-533-5392



