



THE HANFORD SITE

Hanford Opportunities

Dennis Brown

Office of Hanford Acquisitions

Office of Hanford Acquisitions created in 2015

- Leading the major prime acquisitions for the DOE Office of River Protection and Richland Operations Office (with the exception of Bechtel National, Inc.)
- Works closely with DOE Office of Environmental Management (EM), DOE Office of Acquisition Management, and EM Consolidated Business Center

Hanford Acquisition Status

Current Contracts

Occupational Medical Services (OccMed): Awarded 12/31/2018 to HPMC

- Firm Fixed Price, Cost Reimbursement, Indefinite Delivery Indefinite Quantity (IDIQ)
- 7-year contract (3+2+2)

Mission Support Contract (MSC): Expires 11/25/2019

- Cost-effective Infrastructure and Site Services to Support the Cleanup Mission

Additional Opportunities for Small Business

Plateau Remediation Contract (PRC): Expires 9/30/2019

- Facility and Waste Site Cleanup
- Groundwater Remediation
- Waste Management

Similar Scope

Tank Operations Contract (TOC): Expires 9/30/2019

- Store, Retrieve, and Treat Tank Waste
- Store and Dispose of Treated Waste
- Close the Tank Farm Waste Management Areas

Similar Scope

222-S Analytical Laboratory Services (222-S): Expires 9/20/2020

- Analytical Services Production Functions of Receiving and Handling
- Analysis and Storing of Samples
- Reporting Results of Analyses to DOE Contractors

Includes New Scope

Future (fiscal year 2019-2029)

Note: Bechtel National, Inc. provides engineering, procurement, construction, and commissioning of the Hanford Tank Waste Treatment and Immobilization Plant and is not part of these acquisitions.

Hanford Mission Essential Services Contract (HMESC)

- Cost Plus Award Fee, Cost Reimbursement, IDIQ
- 10-year Contract (5+3+2)
- **Status:** In Evaluation

Central Plateau Cleanup Contract (CPCC)

- IDIQ
- 10-year Ordering Period
- **Status:** In Evaluation

Tank Closure Contract (TCC)

- IDIQ
- 10-year Ordering Period
- **Status:** In Evaluation

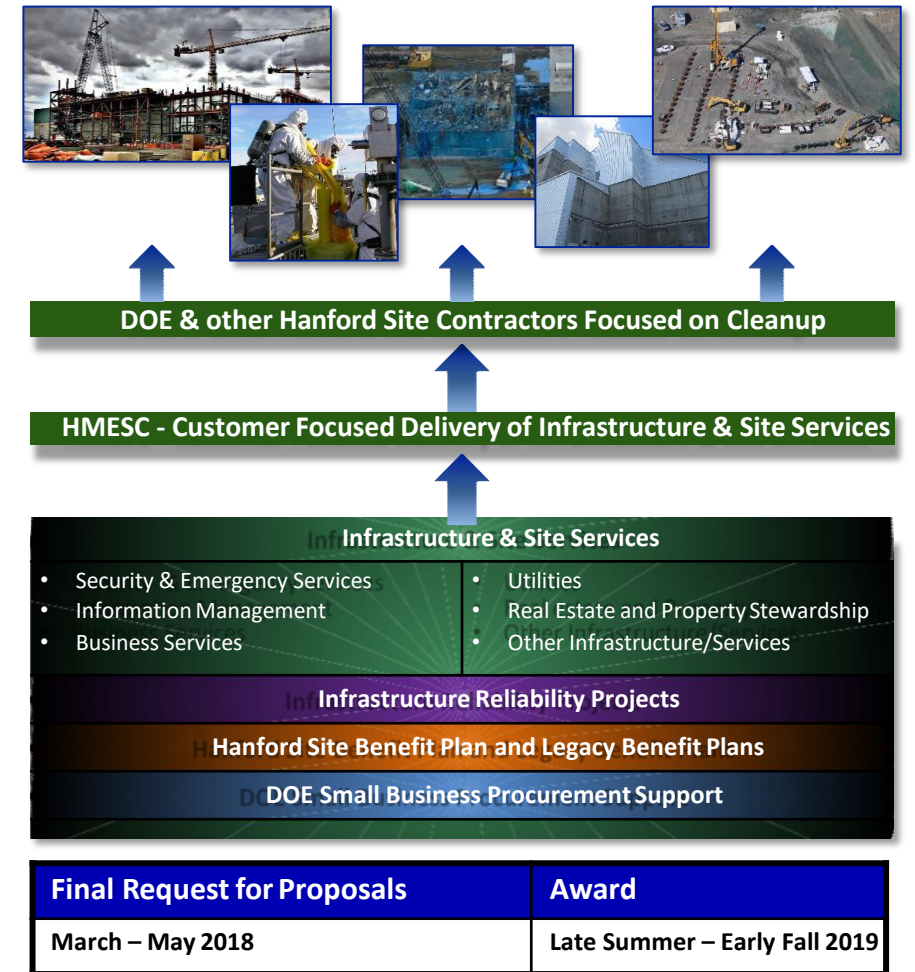
222-S Laboratory (222-S Lab)

- Cost Plus Award Fee, Cost Reimbursement
- 7-year Contract (3+2+2)
- **Status:** In Evaluation

End State Contracts

Scope of Work

- Operate and maintain site utilities (e.g., water, electrical, wastewater treatment, and roads)
- Construct and upgrade general site infrastructure
- Provide safeguards and security, fire and emergency services, public safety and resource protection, operation of the Hazardous Material Management and Emergency Response training facility, interface management, regulatory compliance, and environmental permitting
- Manage site information technology, telecommunications and records
- Provide site business activities such as real property asset management, administration of site legacy and market-based pension savings and welfare benefits plans, and business/operations systems management
- Support DOE land management and long-term stewardship functions



Central Plateau Cleanup Contract

Scope of Work

- Conduct Central Plateau cleanup operations (including groundwater operations)
- Deactivate, decommission, decontaminate, and demolish facilities; remediate waste sites
- Retrieve, store cesium and strontium capsules
- Retrieve, treat and dispose of transuranic (TRU) waste
- Initiate closure of tank farms
- Develop and finalize approval of regulatory decision documents (RCRA/CERCLA)



200 West Pump and Treat Facility

PUREX Canyon

Draft Request for Proposals	Award
February 2019	2019

Tank Closure Contract

Scope of Work

- Provide routine tank waste management, surveillance and maintenance
- Design and construct tank farm upgrades necessary for safe storage, tank waste retrieval operations and vitrification feed
- Provide routine solid and liquid radioactive/hazardous waste operations
- Retrieve transuranic tank waste so it can be processed and shipped to Waste Isolation Pilot Plant (New Mexico)
- Develop multiple disposition pathways for tank waste
- Operate low-activity waste vitrification facility and associated systems

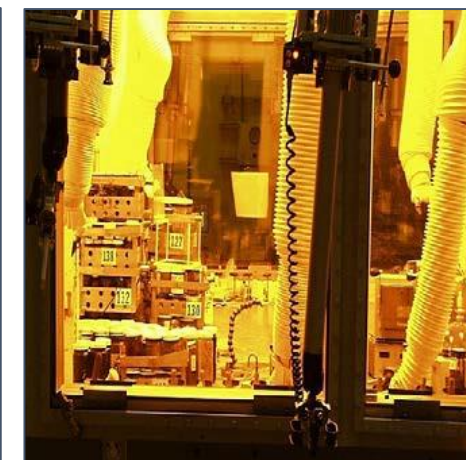


Draft Request for Proposals	Award
February 2019	2019

222-S Laboratory Contract (Small Business Set-Aside)

Scope of Work

- Operate and maintain the Hanford 222-S Laboratory Complex in support of the Hanford cleanup mission
- Provide analysis of highly radioactive samples, including samples that are extremely hazardous and cannot easily be sent offsite
- Perform inorganic, organic, and radionuclide analyses
- Store and/or dispose of nuclear waste
- Maintain an aging Category 3 nuclear facility that includes 11 hot cells



Final Request for Proposals	Award
February 2019	2019

Small Business Subcontracting Fee Reduction

Below are the goals from Section L.9(k)(3), Table L-3

Small Business Category	Small Business Goals
Small Businesses	[Proposed]*
Veteran-Owned Small Business	3%
Service-Disabled Veteran-Owned Small Business	3%
HUBZONE	3%
Small Disadvantaged Business	5%
Women-Owned Small Business	5%
<p>*The overall SB goal percentage of total subcontracted work shall be proposed by the Offeror and be consistent with the requirements of Section H clause entitled, "Subcontracted Work." The small business subcategories may not necessarily add up to the overall percentage in the "Small Business" category, because some small businesses may not fall into any of the subcategories, while others may fall into more than one subcategory.</p>	

HMESC DOE Small Business Procurement Post-Award Support

- In first year of contract performance, unless otherwise directed by DOE Contracting Officer, contractor shall identify meaningful work, (as defined in the H Clause entitled, “Subcontracted Work”), from the HMESC Performance Work Statement, that shall be awarded to small businesses as prime contracts to DOE
- The contractor shall submit a Small Business Prime Contract Acquisition Plan for DOE approval that provides a description of meaningful work scopes (as defined in Section H entitled, “Subcontracted Work”) to be awarded as small business prime contracts to DOE

- Concerted effort within EM to reinvigorate the nuclear waste cleanup completion mindset
- End State Contracting Model employs a **two-step** process:
 - 1) Competitive qualifications-based Single Award Indefinite Delivery Indefinite Quantity Request for Proposal (RFP)
 - 2) Post-award negotiation of discrete work scopes through effective partnering on a Task Order basis (Firm-Fixed-Price or Cost Reimbursement)
- Provides EM the ability to partner with industry and stakeholders at this critical juncture of the program to openly negotiate the right risk-based Interim and Final End States to reach completion
- Developed with detailed consideration of industry feedback on the draft Request for Proposal issued last year on the Hanford Central Plateau Cleanup Contract and Nevada Environmental Program Services Contract

End State Contracts (cont.)

- Central Plateau Cleanup and Tank Closure contracts are EM’s first End State Contracts
- The contractor’s Task Order Proposals shall include separate small business subcontracting goals that afford small businesses with the maximum practicable opportunity to participate in Task Order performance consistent with efficient performance
- In developing its proposed separate small business subcontracting goals, the contractor shall establish minimum goals for each small business category

Small Business Category	Small Business Goals*
Veteran-Owned Small Business (VOSB)	3%
Service-Disabled Veteran-Owned Small Business (SDVOSB)	3%
HUBZONE	3%
Small Disadvantaged Business	5%
Women-Owned Small Business	5%
*The small business subcategories may not necessarily add up to the overall percentage in the Small Business category, since some small businesses may not fall into any of the subcategories, while others may fall into more than one subcategory.	



**Pacific
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NATIONAL LABORATORY

Economics of PNNL

HANFORD SMALL BUSINESS
COUNCIL

Bridging Partnerships Small
Business Symposium

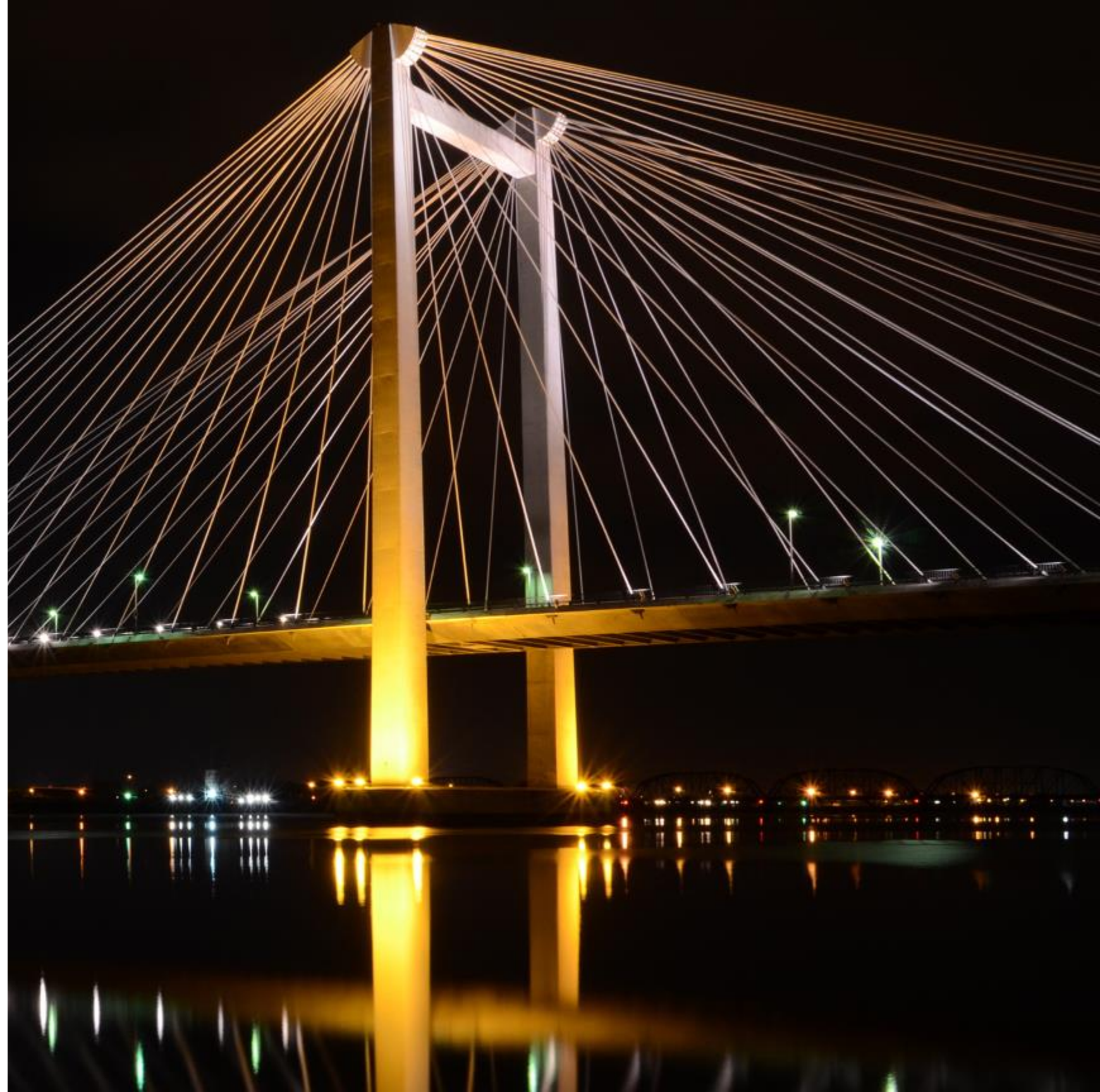
Janie Treadway
Business Services

May 9, 2019

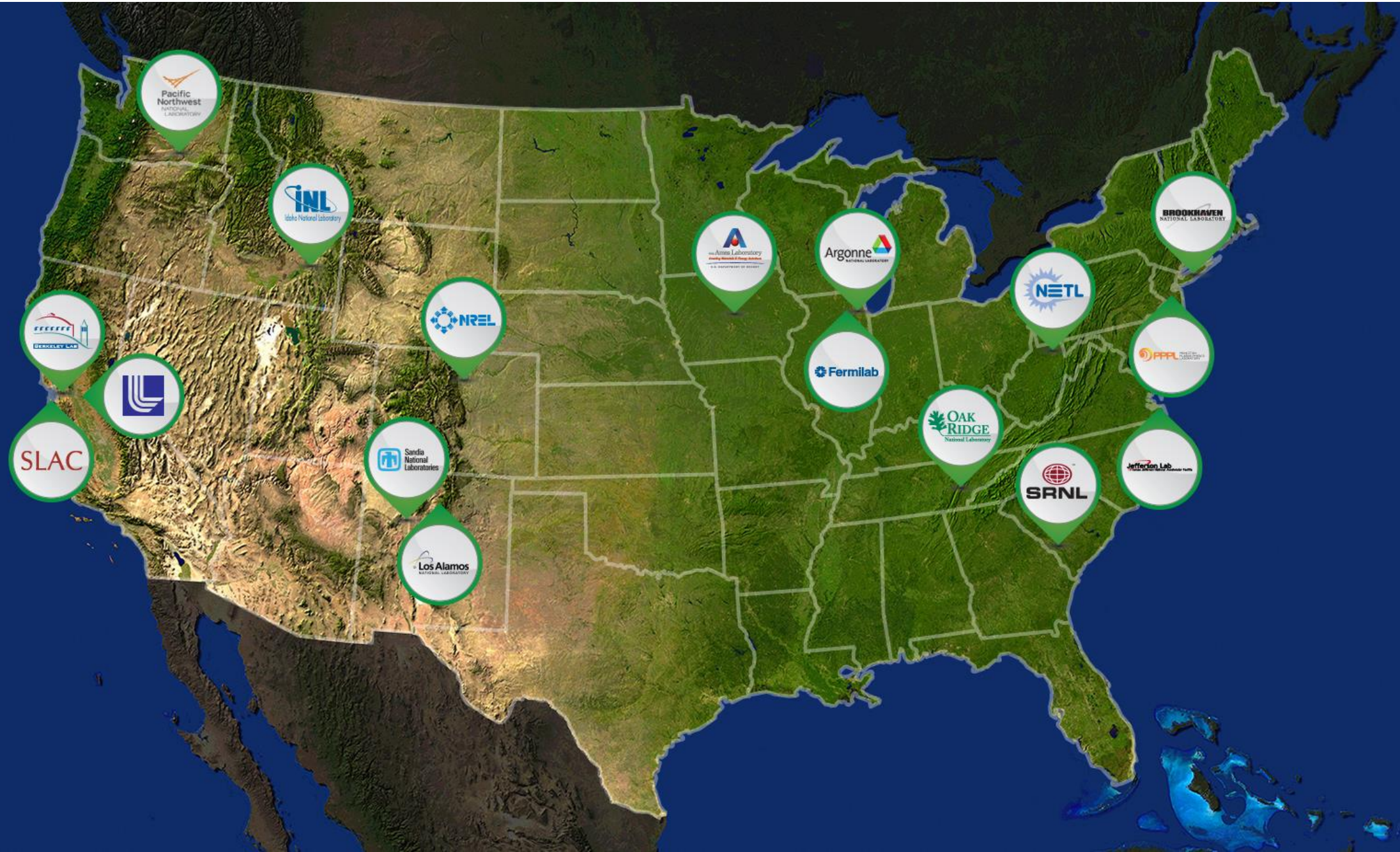


PNNL-SA-94292

PNNL is operated by Battelle for the U.S. Department of Energy



The National Laboratory System





**Pacific
Northwest**
NATIONAL LABORATORY

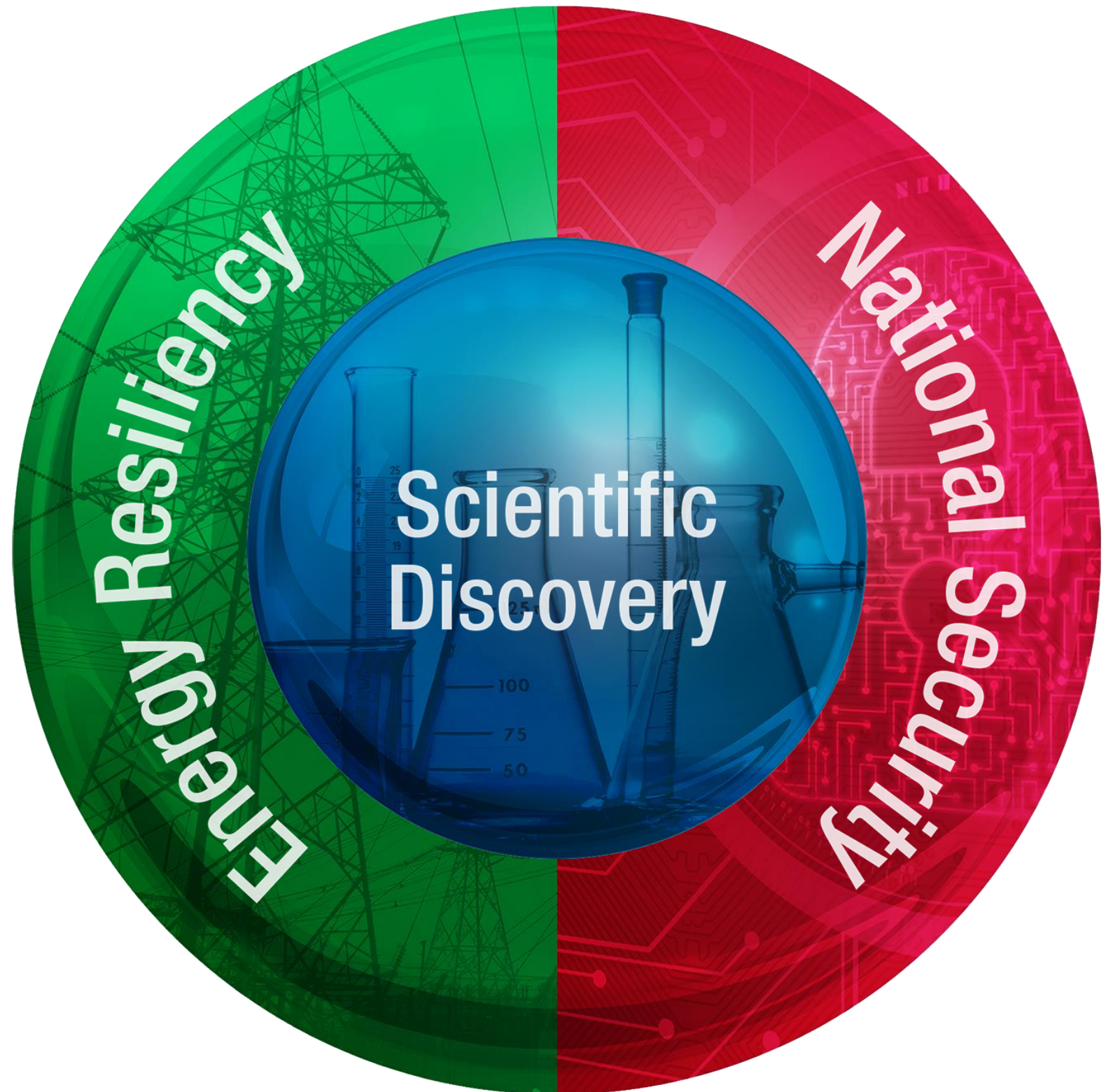
PNNL is addressing **complex challenges** and providing solutions to critical **national needs**

Via **Mission Areas:**

Energy & Environment
Science
National Security

Through **Simultaneous Excellence** in

Science & Technology,
Management & Operations,
Community Engagement

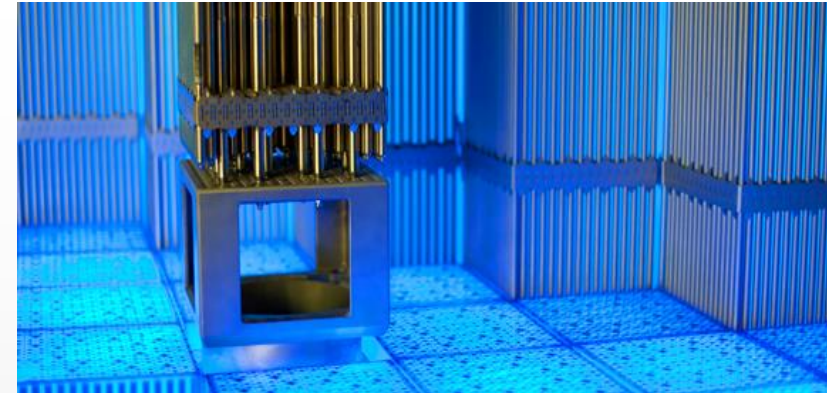


Energy and Environment mission: *Innovations for a cleaner energy future*

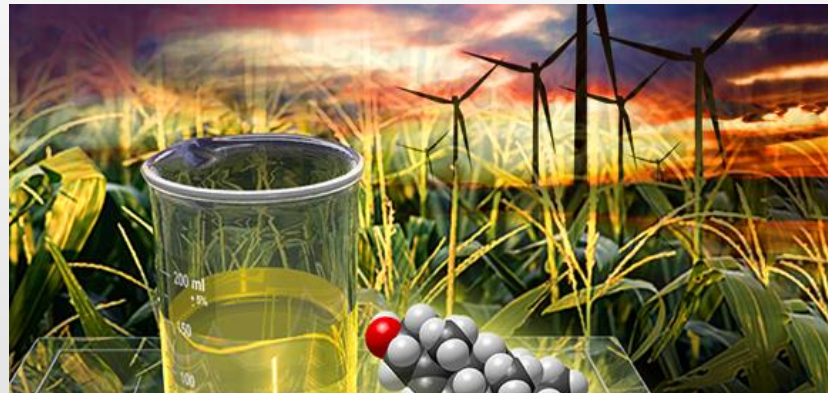
\$230M
in FY18



**Grid and
Electricity
Infrastructure**



**Nuclear
Energy**



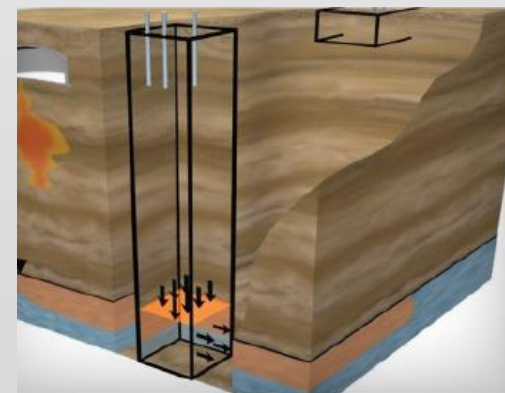
**Energy
Efficiency
and Renewable
Energy**



**Nuclear
Regulatory**



**Clean Fossil
Energy**

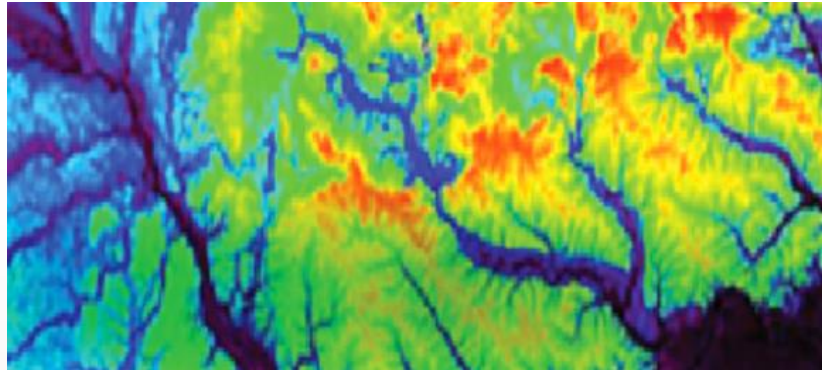


**Environmental
Health and
Remediation**

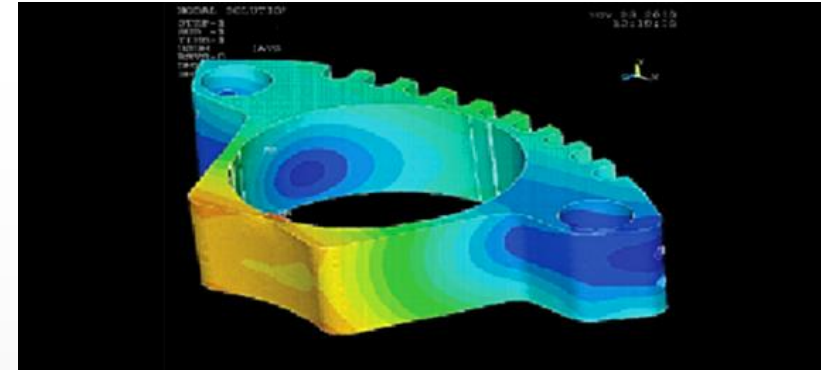
Science mission:

Advancing scientific frontiers and providing leadership

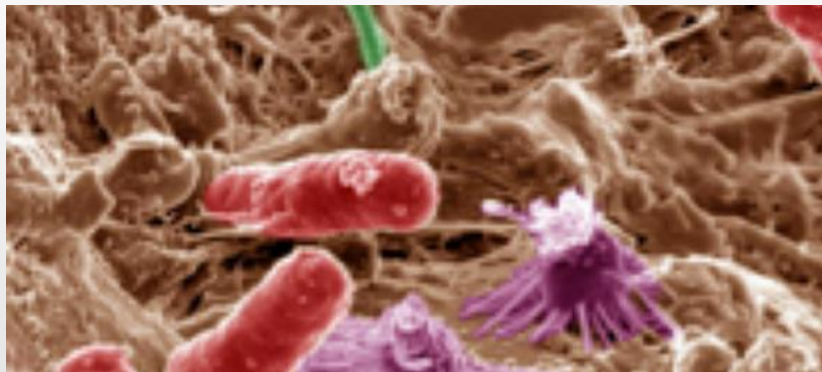
\$207M
in FY18



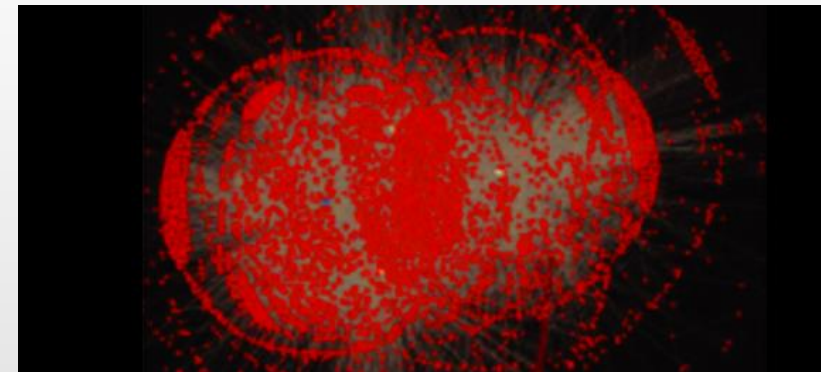
**Climate and
Earth Systems
Science**



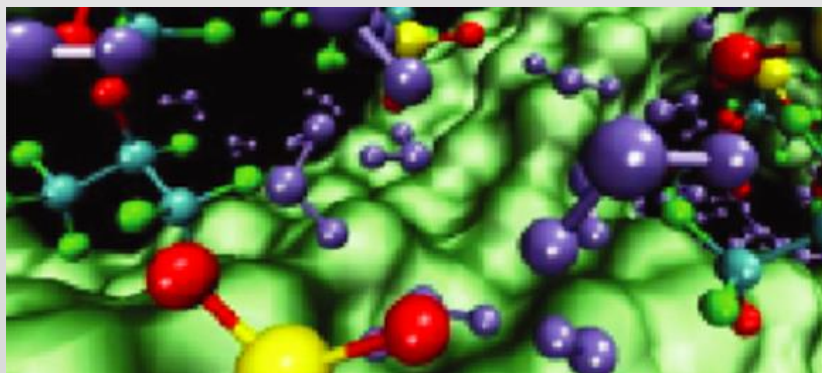
**Nuclear and
Particle
Physics**



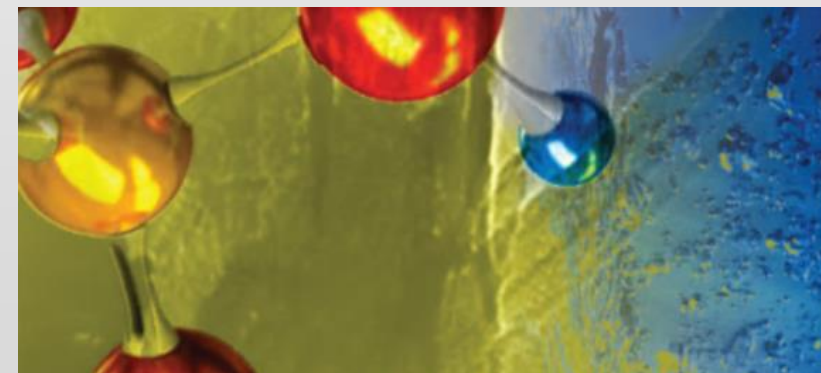
**Biological
Systems
Science**



**Advanced
Computing**



**Chemical
and Materials
Sciences**



**DOE User
Facilities
(EMSL, ARM)**



National Security mission:

Preventing and countering terrorism and proliferation

\$558M
in FY18



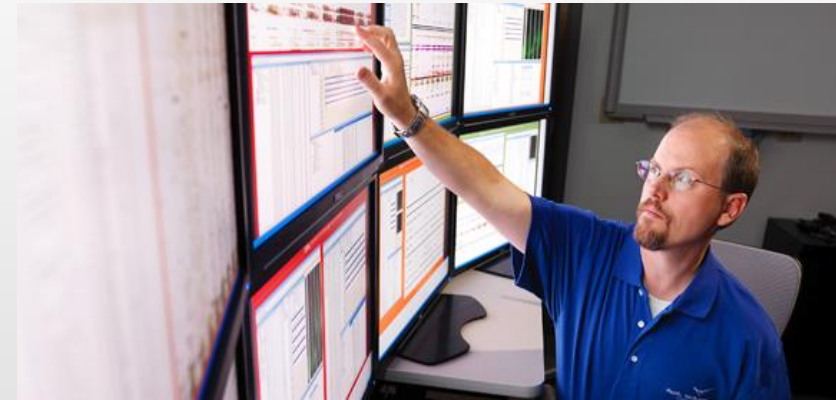
Non-proliferation



Explosives Detection



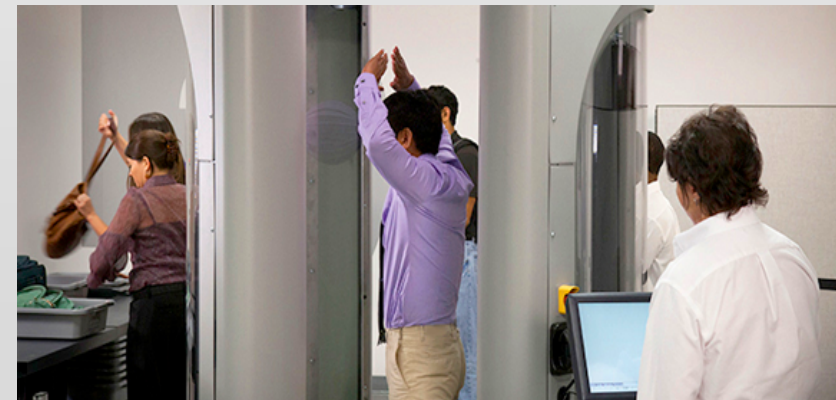
Rad/Nuc Monitoring & Detection



Cyber Situational Awareness

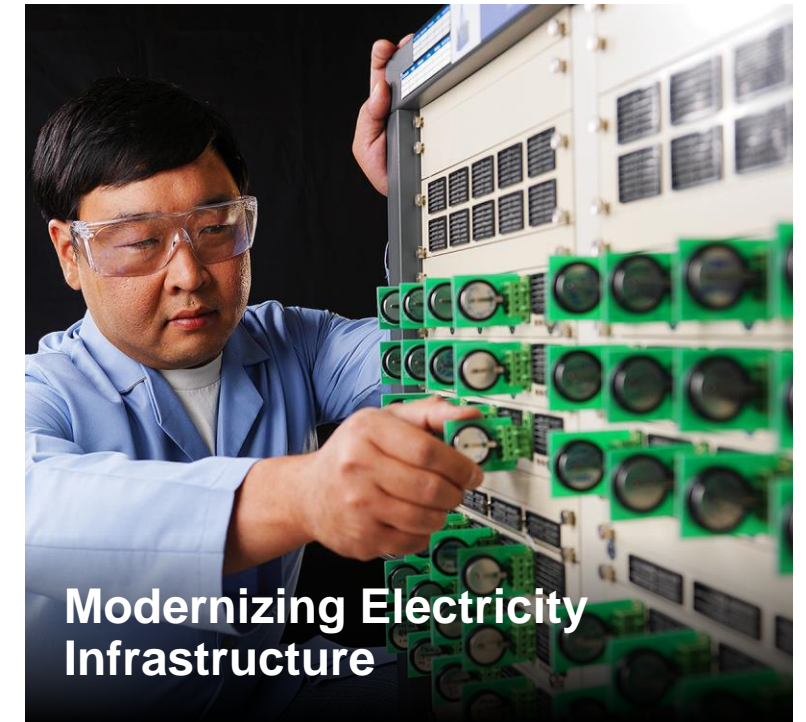


Chem/Bio



Systems Engineering & Deployment

Addressing Regional Challenges



PNNL in Washington State



Region's
LARGEST
employer



6,000
Students and
1,500
teachers engaged



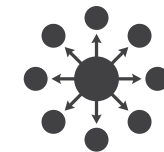
7,100
Jobs Generated
In Washington



\$456M
Total Payroll



\$1.46B
Total Economic
Output



187
Companies
with PNNL Roots



\$26M
Invested in
our community



254,000
Hours Volunteered
by staff to
community projects

Business Support Focus Areas

Deliberate and measured growth is resource dependent

Business activity

- Annual budget (cost) of nearly \$1B – including purchased goods and services

Staff – *sustaining and growing our 21st century workforce*

- ~4500 staff positions and growing (122 open and active job postings)
- Intern season starting – hundreds of summer hires coming to PNNL from ‘everywhere’

Facilities, equipment, and resources

- Opened Discovery Hall in 2018 – collaboration-meeting space
- Two new research buildings in the planning stage
- Campus modernization remains a priority

Continued and expanded partnerships

- University, Industry, State and Regional engagements

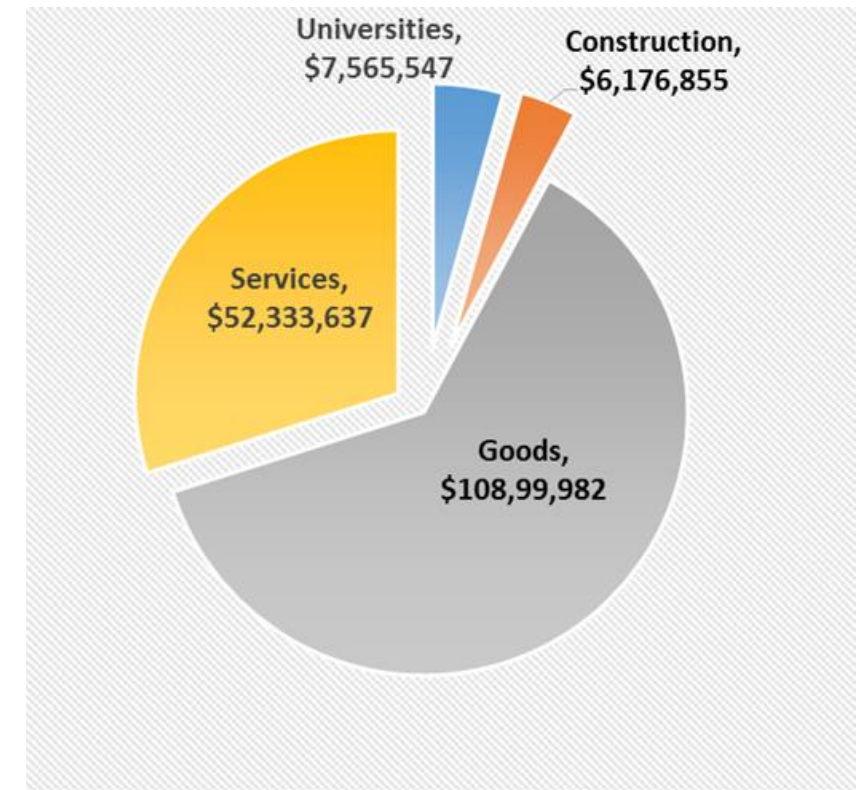
Vendor partners are critical – that’s you!

What We Buy & How We Buy

Typical Purchases: scientific & laboratory equipment; energy & efficiency resources; security software systems and products; computational tools and information technology services; construction and facilities infrastructure equipment

Three (3) purchasing mechanisms:

- Subcontracts/Purchase Orders – high-risk, high dollar; **\$278M** in FY18
- P-Card – low dollar goods (< \$5,000) and services (<\$2,500); **\$20M** in FY18
- B2B – COTS materials (<\$25,000); **\$15M** in FY18



FY18

FY 2019 Small Business Goals

Category	FY2019 SB Goals
Small Business (SB)	45%
Small Disadvantaged Business (SDB)	5%
Women-Owned Small Business (WOSB)	5%
HUBZone Small Business (HUBZone)	3%
Service-Disabled Veteran-Owned Small Business (SDVOSB)	3%

PNNL subcontracted nearly \$120M to small business concerns in FY18

What Can You Do To Partner with PNNL?

Register on PNNL Acquisition Supplier Portal – only takes a moment!

Watch the PNNL **Solicitations** website – it changes frequently!

Look at **forecasts** on the DOE Acquisition Forecast and PNNL Solicitations website.

Solicitation Number	Title	Location	Issue Date	Due Date	Solicitation Type
0000521025	RPL Fire Riser #1 and #2 Replacement	Richland, WA	4/9/2019	05/15/2019	Construction

PNNL Acquisition Opportunities Forecast

Make sure your company's profile is up to date in www.SAM.gov.

Contact PNNL's Small Business Program Manager.

PNNL is an Economic Engine for Washington State

Known for addressing many of America's most pressing issues in science, energy, the environment, and national security, we also deliver significant economic impact in the form of funding and spending, spinoff companies, educational support, and charitable contributions. We believe in the power of science and technology institutions and embrace our role to help sustain vibrant, educated communities.





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Questions?

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PNNL – ‘Connect with Us’

<https://www.pnnl.gov/connect-us>

