

BOLD PEOPLE VISIONARY SCIENCE REAL IMPACT BOLD PEOPLE VISIONARY SCIENCE REAL IMPACT

Safety Moment | Opening Remarks

Nicole Colley, Operations Strategy Manager, Supply Chain Management SLAC National Accelerator Laboratory



Emergency information

Fire

- Evacuate Be aware of building exits
- Activate nearest alarm
- Follow building residents to the assembly area
- Do not leave until you are accounted for, and have been instructed to do so

Earthquake

- Remain in building duck, cover, and hold position
- When shaking stops, evacuate building via a safe route to the assembly area
- Do not leave until you are accounted for, and have been instructed to do so



Incident Notification

Dial **9-911** from any Stanford University landline or **911** non-SU phone





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Welcome

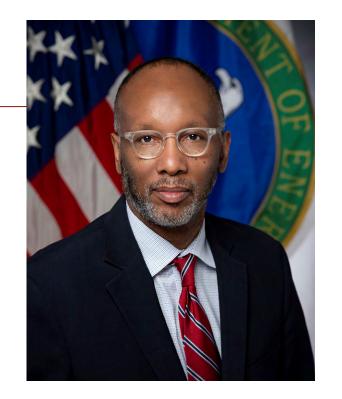
Bill Zangara, Supply Chain Management Director SLAC National Accelerator Laboratory



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Welcome

Ron Pierce, Director Office of Small and Disadvantaged Business Utilization, DOE



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Doing Business with DOE's Office of Science

DeWillican Middleton, Small Business Program Manager Office of Science Consolidated Service Center, DOE





Doing Business with Department of Energy Office of Science Consolidated Service Center

April 30 2024

DeWillican W. Middleton

Agenda

Introduction

What Type of Business Are You?

Successful Steps for Department of Energy Acquisitions

DOE Laboratories under CSC

Other Programs

Brief summary of main topic

Consolidate Service Center

- Created October 2019
- Combined two (2) offices: Lemont IL and Oakridge TN

What Kind of Business Are You?

- "Never Done Business with the Federal Government" an existing or new small business who has never done business with a federal agency. Column 1 in the table below provides links to introduce you to federal government contracting.
- "Done Some Business with the Federal Government, but not with the DOE" — an existing small business who may have some federal government procurement experience, but not with the DOE or the National Nuclear Security Administration (NNSA). Column 2 in the table below provides links to help navigate the complex DOE and NNSA government contracting environment.
- "Experienced DOE Contractor" an existing small business who has
 experience working in the complex DOE and NNSA procurement
 environment. Column 3 in the table below provides links to assist you with
 advanced information

NEVER DONE BUSINESS WITH THE FEDERAL GOVERNMENT	DONE SOME BUSINESS WITH THE FEDERAL GOVERNMENT, BUT NOT WITH THE DOE	EXPERIENCED DOE CONTRACTOR	
NAICS Codes and SAM	Doing Business with DOE 102 Video	Policies and Regulations	
Steps to Success	Complex Nature of DOE Procurement	<u>Programs</u>	
Advocacy and Support	Small Business Points of Contact	Newsroom	
FAQ	Advocacy and Support	Acquisition Forecast	
Educational Materials	Contact Us	Submit a Notice of Alleged Undue Restriction	
<u>Upcoming Events Calendar</u>	Acquisition Forecast		
Contact Us	Mentor-Protégé Program		
Newsroom	Newsroom		



Office of Science Top NAICS Codes

423430	Computer and Computer Peripheral Equipment and Software			
	Merchant Wholesalers			
541519	Other Computer Related Services			
541611	Administrative Management and General Management Consulting Services			
519130	Internet Publishing and Broadcasting and Web Search Portals			
511210	Software Publishers			
541690	Other Scientific and Technical Consulting Services			
423210	Furniture Merchant Wholesalers			
511120	Periodical Publishers			
541990	All Other Professional, Scientific and Technical Services			
561320	Temporary Help Services			
611430	Professional and Management Development Training			

STEPS TO SUCCESS

- Research the Government Market
- Does your business supply what DOE buys?
- Search for current contracting opportunities and historical purchasing information on <u>SAM.gov</u>, <u>FedConnect</u>, and <u>GSA eBuy</u>;
- View upcoming prime contracting opportunities on <u>DOE Headquarters and</u>
 <u>Federal Field Office Acquisition Forecast;</u>
- View upcoming prime and subcontracting opportunities by visiting the websites for <u>DOE's Management and Operating Contractors' and DOE Field</u> <u>Offices' forecasts</u>; and
- View a list of **Expiring DOE Contracts** to allow you to see what future contracts may be coming up for recompete.

STEPS TO SUCCESS

- APEX Accelerator (fmr: Procurement Technical Assistance Center). APEX accelerator's assist and provide training on:
 - writing proposals, developing contracting planning tools, contacts and bid preparations
 - PTAC's work with local trade associations and other small business resources, that are valuable contacts
 - <u>Small Business Administration's (SBA) Learning Center</u>. The Government Contracting Classroom will enable participants to take courses on contracting terms, on how the government buys, on how to sell to the government, and offers guidance specifically for small business concerns.
- Department of Commerce's Minority Business Development Agency
 (MBDA) business centers
 visit their website to obtain technical assistance,
 information on access to capital, subcontracting opportunities and more.

Helpful links

- DOE Headquarters and Field Offices, federally funded Research and Development Centers etc.
- <u>Electronic Subcontracting Reporting System</u> (<u>eSRs</u>) information on federal subcontracting accomplishments
- Government Services Administration (GSA) research the GSA schedules, ebuys and more

•

DOE/SITE FACILITY MANAGEMENT CONTRACTS

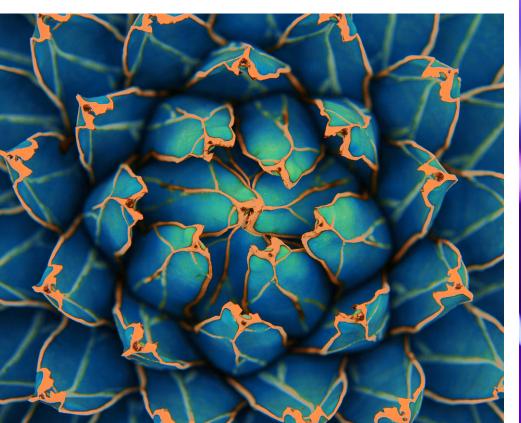
- Ames Laboratory (AMES)
- Argonne National Laboratory (ANL)
- Brookhaven National Laboratory (BNL)
- Fermi National Accelerator Laboratory (FNAL)
- Lawrence Berkeley National Laboratory (LBNL)
- Oak Ridge Institute for Science and Education (ORISE)
- Oak Ridge National Laboratory (ORNL)
- Pacific Northwest National Laboratory (PNNL)
- Princeton Plasma Physics Laboratory (PPPL)
- SLAC National Accelerator Laboratory (SLAC)
- Thomas Jefferson Laboratory (TJNAF)

DOE SBIR and STTR Program

- The SBIR and STTR programs are, intended to help certain small businesses conduct R&D. At DOE, funding takes the form of grants. Projects must have the potential for commercialization and meet specific DOE mission-specific R&D needs.
- The SBIR/STTR Programs Office works collaboratively with 13 program offices throughout the DOE. DOE offers more than 60 technical topics and 250 subtopics, they support DOE mission in Energy Production, Energy Use, Fundamental Energy Sciences, Environmental Management, and Defense Nuclear Nonproliferation.

Questions?

- DeWillican W Middleton
- SBP@science.doe.gov
- (312)519-9263





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DOE Office of Chief Information Officer

Andrew Petry, Senior Advisor to the Deputy Chief Information Officer for Resource Management



Office of the Chief Information Officer (OCIO)



ANDREW PETRY

SENIOR ADVISOR TO THE DEPUTY CIO FOR RESOURCE MANAGEMENT









Opening Remarks



OCIO Mission

• To advance the Department's missions through policy, standards, and services, which meet mission requirements, balance risk and innovation, and set clear performance goals and expectations for the enterprise information ecosystem.

OCIO Vision

- To be the DOE Trusted Partner for Information Management, Cybersecurity, Innovation, and Enterprise Solutions.
- Guiding Principles
 Understanding, Innovation, Enablement, Collaboration, and Stewardship



Opening Remarks – OCIO Strategy Video





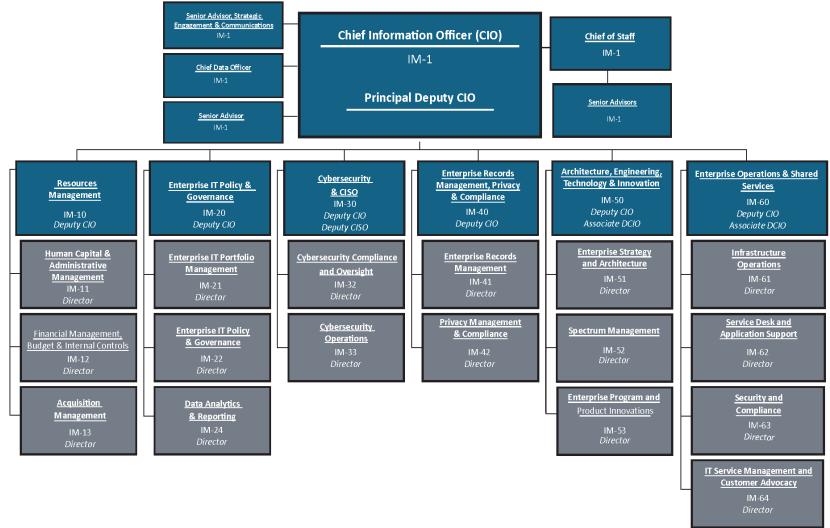
https://f.io/iFlDhrem





OCIO Organizational Chart







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SLAC IT Overview and Opportunities

Jonathan Russell, Chief Information Technology Officer



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Break

15 minutes





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SLAC Cyber Security Overview and Opportunities

Erwin Lopez, Chief Information Security Officer



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Opportunities with SLAC National Accelerator Laboratory

Jennifer Aral, Procurement Manager







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Outline

- About SLAC National Accelerator Laboratory
- SCM Procurement Organization
- Small Business & Supplier Diversity Program
- Procurement Process Overview
- Solicitation Expectations
- IT Opportunities

About SLAC National Accelerator Laboratory



Multi program laboratory

- Founded in 1962 with 200
 employees. Today we have 1,600
 employees from 55 countries plus
 470 postdocs and grad students.
- SLAC works with Stanford in 5 joint research centers and facilities that focus on cosmology and astrophysics, materials and energy science, cryogenic electron microscopy, catalysis and ultrafast science
- Our LCLS-II X-ray laser beam will be 10,000x brighter and fire 8,000x faster than the first LCLS beam, up to 1 million pulses per second.
- In 1991 we opened the 1st website in North America. It helped physicists share their research results.

SLAC National Accelerator Laboratory

One of 17 Department of Energy national labs.

SLAC invents the tools that make those discoveries possible and share them with researchers all over the world.





Our 2-mile-long particle accelerator is the lab's backbone. Today it generates the world's brightest X-rays for our revolutionary X-ray laser, the Linac Coherent Light Source (LCLS)



Fundamental Science, Practical Benefits

Research has contributed to the development of medications for melanoma, flu and HIV and is aiding the fight against COVID-19, Ebola, high blood pressure and other ills.

Key Partnerships

Stanford University operates SLAC for the DOE Office of Science.

Location in Silicon Valley connection with DOE and Stanford and other research centers speed our progress



Supply Chain Management Procurement Organization

Procurement Mission

 The Mission of the SCM Procurement Department is to provide acquisition services to support the accomplishment of the goals and objectives of SLAC's world class research program activities.

Procurement Vision

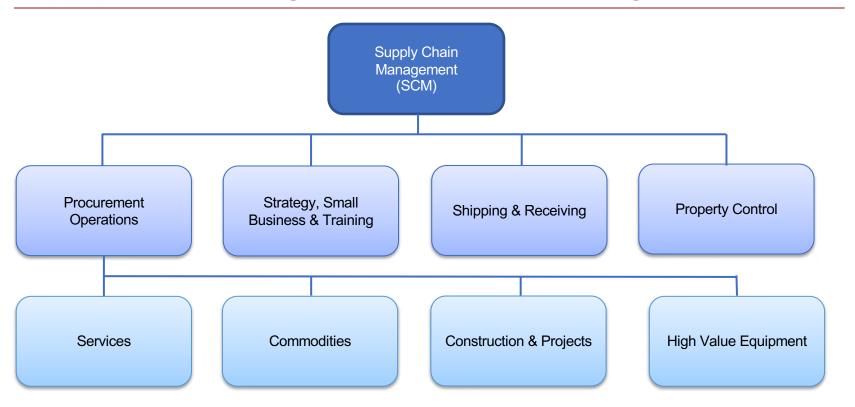
 The Vision of the SCM Procurement Department is to deliver products or services to our customers on a timely basis that provide the best value, are responsive to customer needs, in accordance with established compliance requirements, and employ the best business practices to the maximum extent possible.

Supply Chain Management Procurement Organization

- SLAC is a Federally Funded Research & Development Center (FFRDC) managed and operated by Stanford University, in accordance with its prime contract with the Department of Energy (DOE)
- Congressional appropriated (taxpayer) funds
- SLAC General Terms and Conditions are in line with the prime contract with the DOE
 - Includes specific Federal Acquisition Regulations (FAR)
- Procurement policy and processes are developed to ensure <u>compliance</u> to the prime contract
 - Multiple routine internal and external audits
 - Focus is on the process of <u>how</u> we procure
- Only Procurement is authorized to <u>contractually obligate</u> SLAC to spend or delegate DOE Funds

Do not start work until a Purchase Order/Subcontract is issued by SLAC Procurement!

Supply Chain Management Procurement Organization





Small Business and Supplier Diversity Program @ SLAC

The Small Business and Supplier Diversity Program at SLAC is an extension of SLAC's commitment to diversity, equity, and inclusion by providing equitable competitive contract opportunities to our communities to drive down cost and increase innovation in support of SLAC's mission.

Socio-economic metrics

It is SLAC's policy to provide opportunities to small business concerns, in accordance with our prime contract with the Department of Energy.

Business Classification	Actual % FY22	Actual % FY23	Target % FY24	Actual % FY24 - YTD	# of Suppliers FY24 - YTD
Small Business	62.86%	70.39%	50%	70.60%	393
Small Disadvantaged Business	16.91%	29.29%	5%	15.25%	76
Hub Zone	1.92%	.53%	3%	.60%	6
Veteran Owned	12.13%	11.01%	4%	10.57%	20
Service-Disabled Veteran	3.91%	1.99%	3%	2.99%	5
Women-Owned	9.24%	2.98%	3%	14.33%	54

Small Business Award Value:

FY22 \$62,950,694
FY23 \$90.260.794

Procurement Process Overview

What do we buy?

- Construction
- Facilities & Operations (F&O)/ Environment, Safety, and Health (ES&H) Services
- Scientific Equipment/Technology
- Supplies
- Chemicals/Gases
- IT Hardware/Software
- Staff Augmentation
- Consulting/Engineering Services
- Fabricated Goods

What does SLAC Purchase?

SLAC Top UNSPC by Total Spend for FY23

UNSPC	UNSPC Description	FY23 Total Spend
64800000	MPO-Goods and Services	\$41.2M
26000000	Power Generation, Distribution Machinery and Accessories	\$20.3M
41000000	Laboratory, Measuring, Observing and Testing Equipment	\$8.5M
81000000	Engineering and Research and Technology Based Services	\$8.1M
31000000	Manufacturing Components and Supplies	\$7.6M
0000001	All Item Categories Root Node	\$6.1M
39120000	Electrical equipment and components	\$5.5M
81100000	Professional engineering services	\$5.3M
43230000	Software	\$5.2M
9999999	Default Category	\$4.5M
43211501	Computer servers	\$4.0M



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HUBZone and Service-Disabled Veterans Small Businesses

HUBZone Top 5 UNSPC	Awards FY-24 YTD	Service-Disabled Veteran Top 5 UNSPC	Awards FY-24 YTD
43230000 – Software	\$312,658	43211500 – Computers	\$1,839,997
41000000 - Laboratory, Measuring, Observing and Testing Equipment	\$28,406	30190000 - Construction and maintenance service	\$1,065,558
43232200 - Content management software	\$20,000	43230000 – Software	\$393,685
26120000 - Electrical wire and cable and harness	\$9,431	43211900 - Computer displays	\$162,527
48000000 - Service Industry Machinery and Equipment and Supplies	\$1,305	43000000 - Information Technology Broadcasting and Telecommunications	\$98,107



Procurement Process Overview

Four (4) Spend Channels to acquire goods and services

- **E-Shop** Online ordering service for regular Commercial Off-the-Shelf/Catalog commodities
 - Purchase Orders are auto-generated and sent electronically to our eShop Supplier for fulfillment
- Pcard Used for one-time purchases via SLAC issued credit card
 - Typical single purchase limit is \$3,000 (varies by card holder)
- <u>IT Marketplace (ITMP)</u> One-stop shop to research and order SLAC IT approved standard desktop computers, laptops, and accessories
- <u>ERP Requisitions</u> Traditional purchasing process via DOE approved ERP system for goods and services not available via Pcard / eShop / ITMP

Procurement Process Overview



Acquisition Planning:

Ensures SLAC meets its needs in the most effective, economical, and timely manner

• Requisition:

Submitted via ERP System; provides the funding source and initiates the Procurement process

Solicitation:

Ranges from an oral request for quote to formal Requests for Proposal (RFP)

Award:

Subcontract/Purchase Order is signed and issued for the Subcontractor to begin work or deliver goods

Subcontract & Supplier Management:

Manage and track Subcontract and Supplier performance

Close Out:

Notify Subcontract Administrator (SCA) / Buyers that there has been a completion of goods, services or constructioN

How to become a SLAC Supplier

Register at SLAC's Website: https://suppliers.slac.stanford.edu/become-slac-supplier

- Supplier Registration Requirements:
 - 1. Completed/signed current IRS W9 Form
 - 2. Address Information: Main, Order/Invoice, and Remittance
 - 3. Current billing/Accounts Receivable and Main Point of Contact (name, title, phone, and email)
 - 4. Bank information on company or bank letterhead
 - 5. Must have an <u>active</u> SAM.gov Account
 - SAM.gov Registration: https://sam.gov/
 - No-charge (free) registration
 - Unique Entity Identification (UEI) Number
- Prospective Supplier Information

<u>Reminder</u>: SAM.gov and SLAC Supplier accounts must be maintained







Solicitation Expectations

SLAC competes more than 85% of our acquisition needs

- SLAC utilizes SEWP (Solutions for Enterprise-Wide Procurements) primarily for software needs
 - Bidders must be an approved authorized Reseller
- Request for Proposal (RFP) packages may be posted full and open on SAM.gov Contract Opportunities and/or directed to known and qualified sources
- RFP packages provide detailed guidance for the development, issuance and evaluation of offers
 - Technical and Business Documentation
 - **Evaluation Criteria and Evaluation Method**
 - SLAC Terms and Conditions
- Competitive Evaluation Methods:
 - Lowest Price Technically Acceptable (LPTA)
 - Best Value / Trade-Off (BVTO)



Supplier Solicitation Expectations

Solicitation Amendments

- Issued only by the noted SLAC Procurement Specialist
- Requires acknowledgement by the potential Bidder
- Amendments issued before proposal due date will be issued to all suppliers receiving the solicitation (including updating the public posting on SAM.gov or SEWP)
- Amendments issued after proposal due date will be issued only to the suppliers that are eligible for award
- SLAC can cancel original solicitation and issue a new one for *significant* changes
- Proposals may be modified if the request is made before the proposal due date

Solicitation Questions/Clarifications

- Complex acquisitions may include a Questions/Clarification deadline (typically 2 weeks after RFP release)
 - Bidder may submit questions/clarification in the form provided for SLAC response
 - Full Questions/Clarifications document will be posted to all potential bidders

Direct communications during an open solicitation is only permitted with the noted Procurement Specialist

Supplier Solicitation Expectations

Solicitation Timeline Considerations

- Varies by acquisition value, complexity, category (goods/services/construction), or if there are changes in the Federal Acquisition Regulations (FAR)
- Estimated Procurement Award Lead Times (business days)*
 - <\$25K = 1 to 10 days</p>
 - \$25K \$250K = 15 to 45 days
 - \$250K \$500K = 30 to 60 days
 - \$500K \$25M = 90 to 180+ days
 - >\$25M = 180 to 365+ days
- Each threshold has different policy and procedural requirements
- Any procurement can have its own set of challenges leading to variation in time to award.

Actual Subcontract awards in each threshold may be more or less than noted lead times

IT Opportunities – S3DF

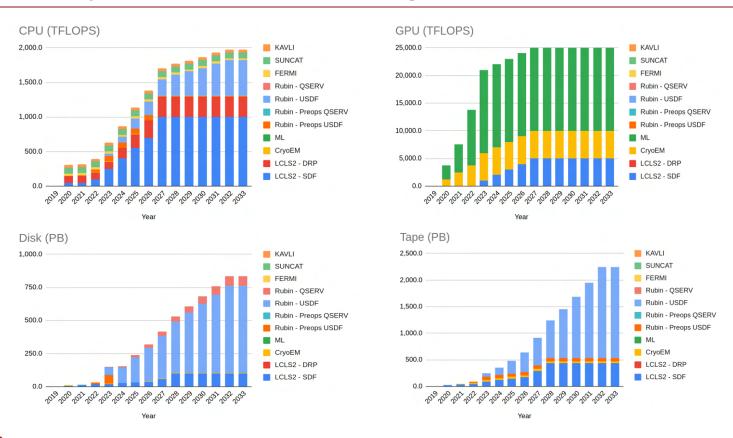
A diverse portfolio of experiments, initiatives and research programs at SLAC demands cutting edge scientific computing

SLAC Shared Science Data Facility (S3DF)

- S3DF provides modern hardware for massive scale analytics in a modern data center designed ground-up for research computing
- Storage solutions capable of supporting data-intensive pipelines/applications and scaling to 100s of Petabytes
- Support for the entire data pipeline from detector input through to results publication
- Funding plans that incorporate hardware lifecycle
- Raising the bar for baseline SLAC Scientific Computing benefits from a shared resource model

S3DF is in production, but has <u>continued needs</u> over several years for: servers, storage, networking, and datacenter components over several years

S3DF Projected Compute/Storage Needs





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S3DF Storage Platforms and Rack Deployment

- S3DF online capacity is projected to exceed 250PB by 2026, reaching 750PB by 2031
- 24x7 production workflows require scalable throughput, I/O performance and resiliency
- Storage has proven to the most critical and impactful service
- Integrating analytics from input to final publication requires access to storage platforms in all phases









Photos credit: Yemi Adesanya



Thank You!



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Opportunities with Pacific Northwest National Laboratory

Brianna Yi, Small Business Program Manager







Doing Business with PNNL

Brianna Yi

Small Business Program Manager

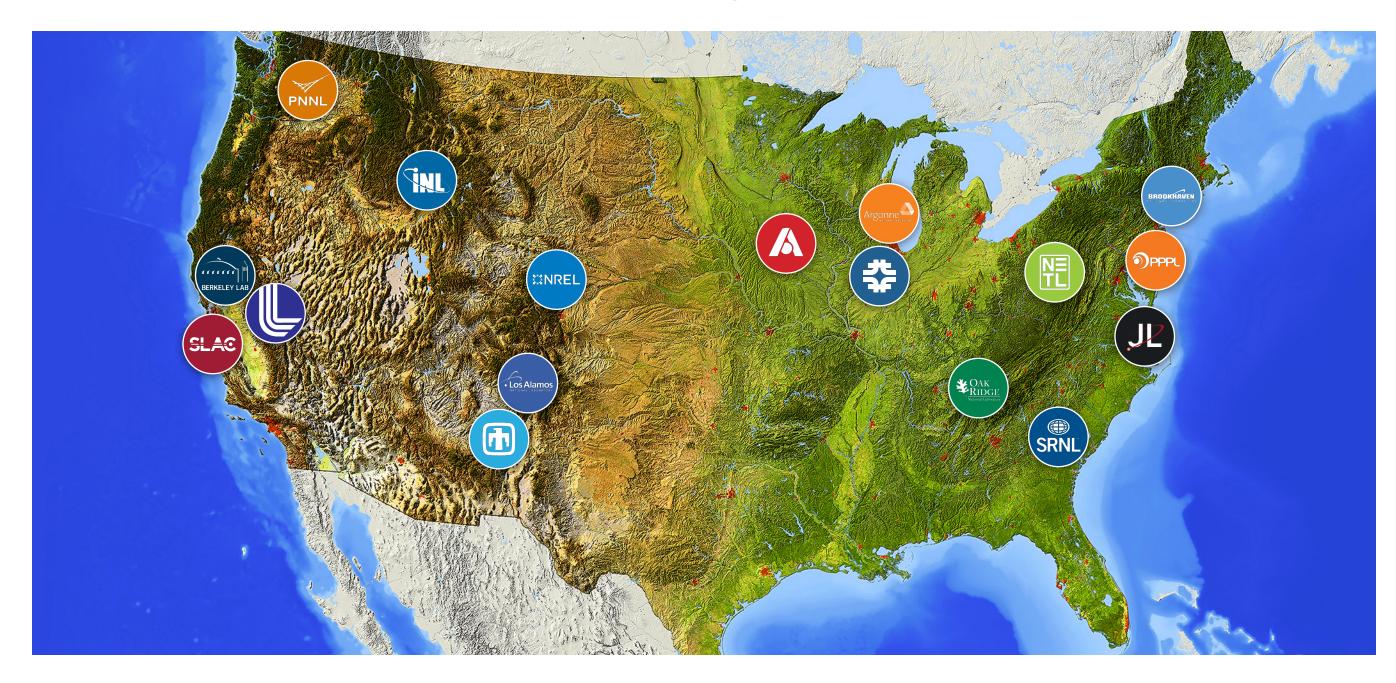


PNNL is operated by Battelle for the U.S. Department of Energy



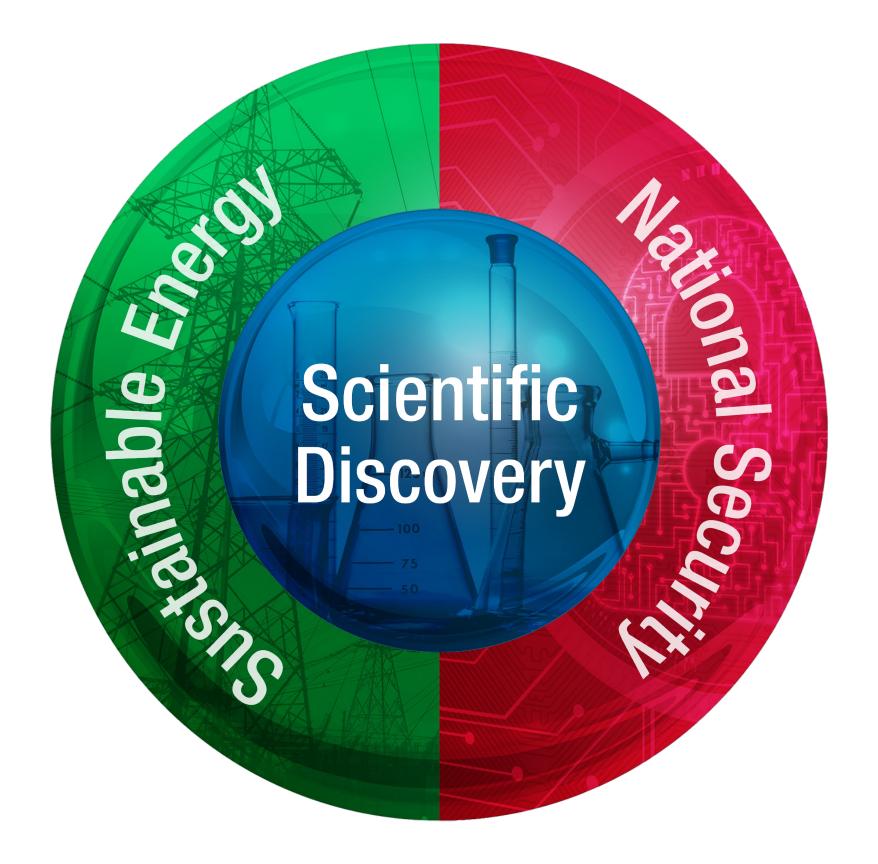


DOE's 17 national laboratories tackle critical scientific challenges



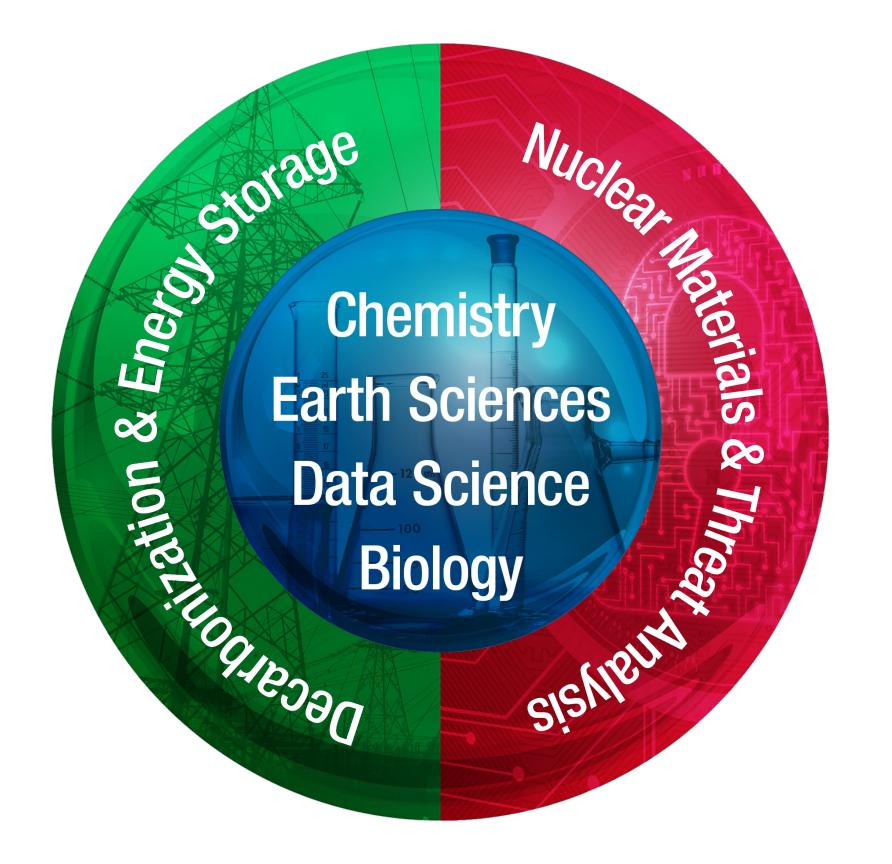


PNNL is advancing scientific frontiers and providing solutions to critical national needs





PNNL's distinguishing strengths enable mission impact





PNNL is one of DOE's most diversified national laboratories



\$1.5B Spending



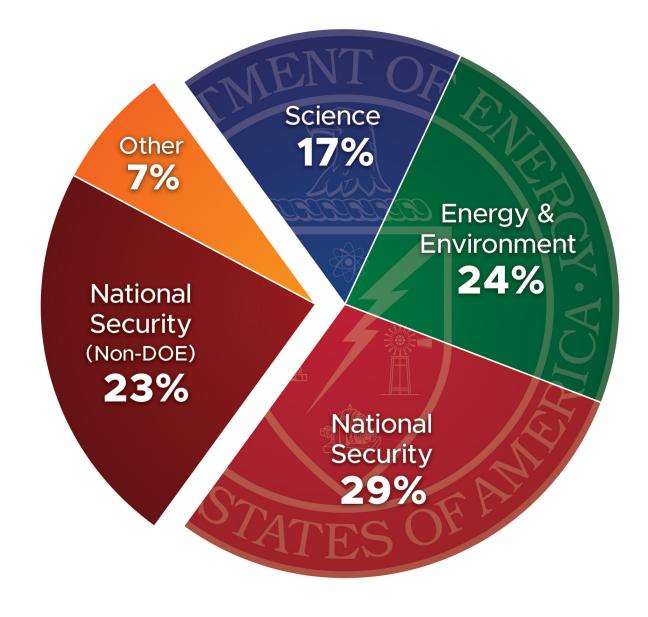
6,088 Staff



1,980 Peer-reviewed Publications **Publications**



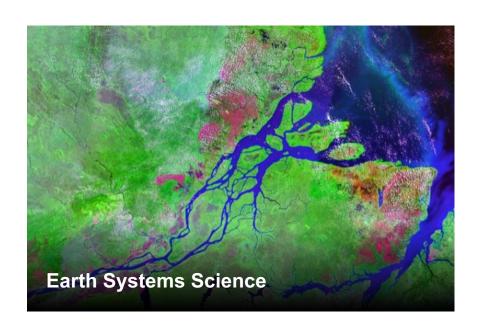
Invention Disclosures

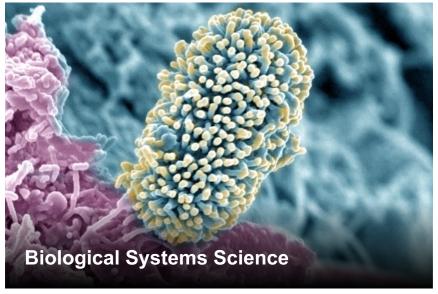


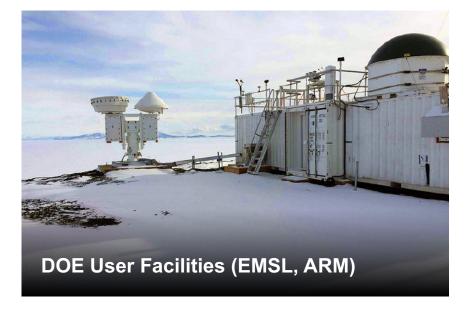
FY 2023 Spending

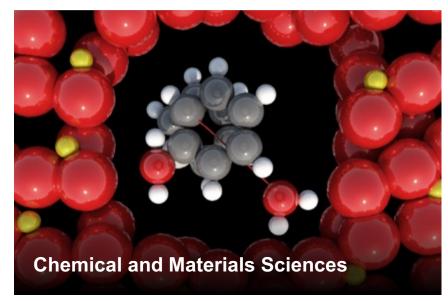


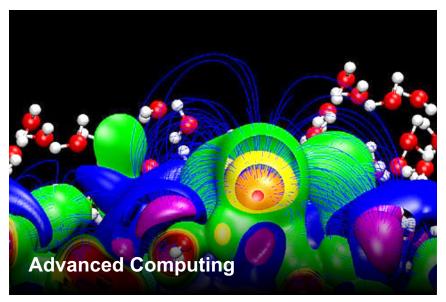
PNNL's Science mission advances understanding of the world around us

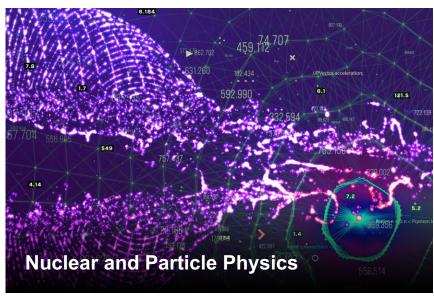






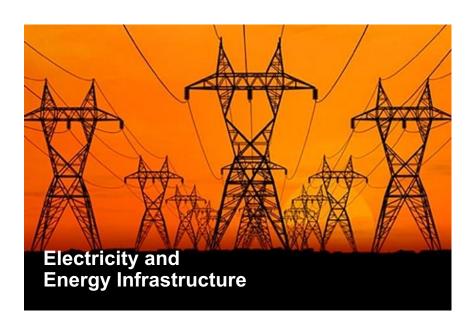








PNNL's Energy and Environment mission delivers innovations for our energy future









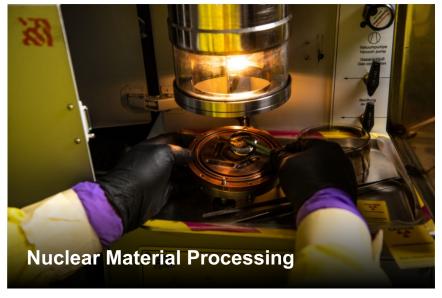




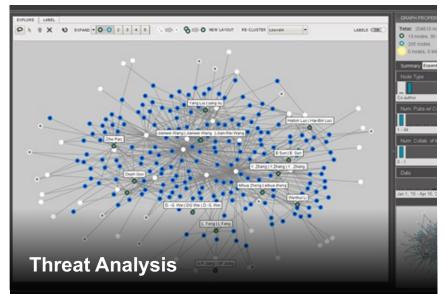


PNNL's National Security mission is reducing the threat from weapons of mass effect









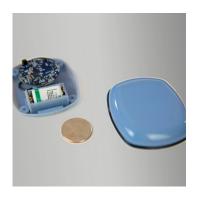




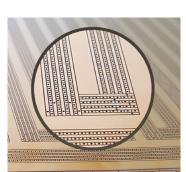


We are transitioning our technology to industry



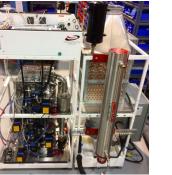














In FY 2023:



73

U.S. and International Patents



13

Licenses and Options



Nearly

1.5
PATENTS
received per week

Active
BUSINESSES
with PNNL roots
since 1965





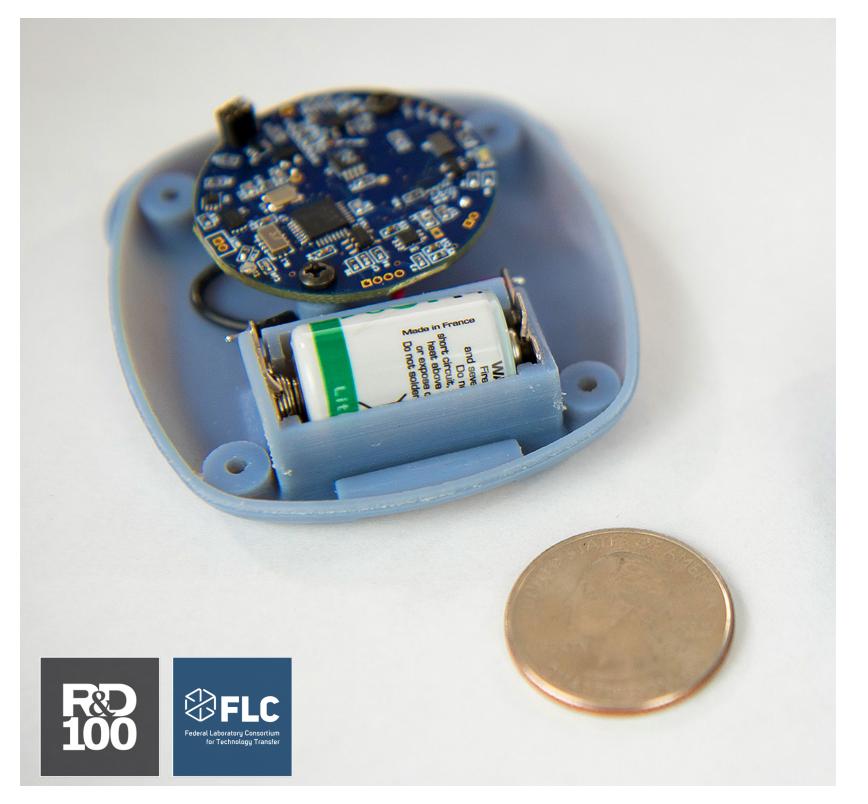
Improving air travel safety
through deployment of
holographic millimeter wave
imaging technology at
airports worldwide





Innovations to Industry HIGHLIGHT

Protecting schools with Acoustic Gunshot Detection technology that can detect a gunshot and automatically trigger lockdowns and alert emergency responders





State-of-the-art capabilities enable world-class research















Building for the future – Richland Campus 10-Year Vision





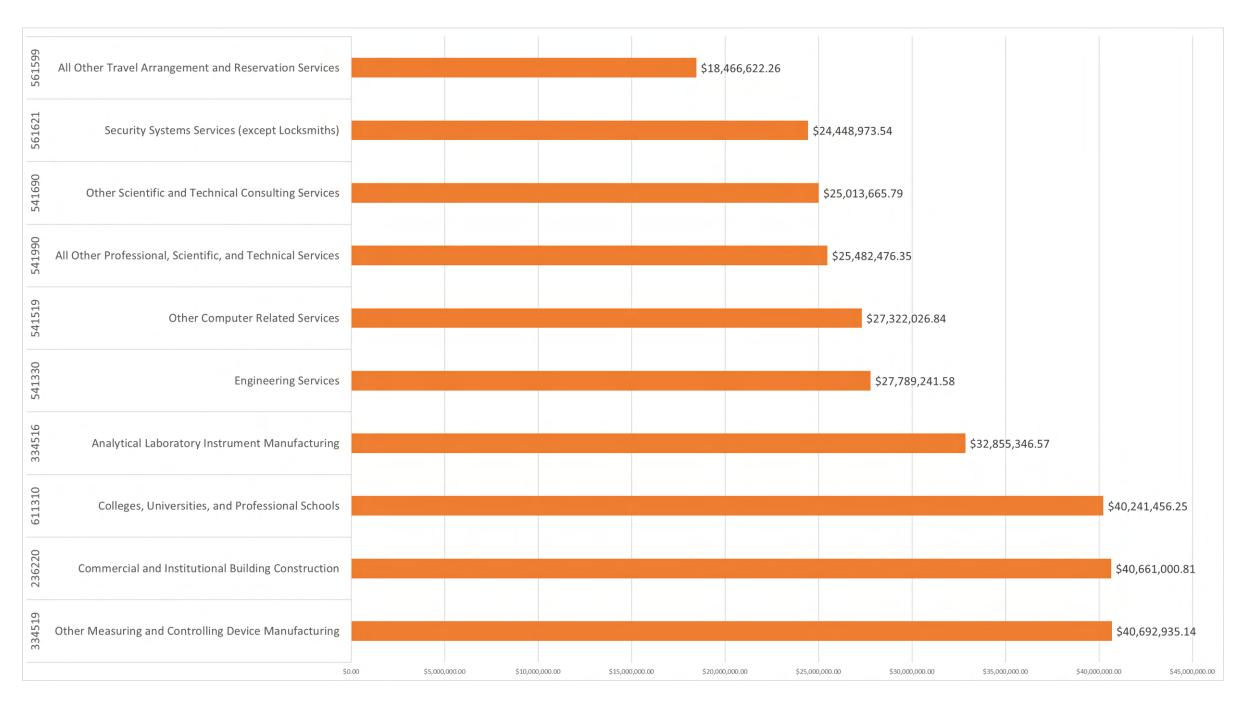
What we buy and how we buy it

- PNNL purchases a VERY broad spectrum of goods and services through three purchasing mechanisms:
 - Subcontracts/Purchase Orders high-risk/high dollar goods and services; \$517M in FY23
 - P-Card low dollar goods (< \$10K) and services (<\$2,500); \$31M FY23
 - B2B Commercial Off-The-Shelf goods (<\$35,000) via eCommerce; \$18M in FY23
- PNNL supports DOE's small business objectives
 - Exceeded all goals in FY23
 - Goal for FY24 include:
 - √ Small Business 49%
 - ✓ SDB 8.15%
 - ✓ WOB 5%
 - ✓ HUBZone 3%
 - ✓ VO 5%
 - ✓ SDVO 5%

Total	Totals		Goal
	\$	%	%
Large	\$149,297,397	41.2%	
Small	\$213,465,671	58.8%	50.0%
Total	\$362,763,068		
SDB	\$36,605,753	10.1%	5.0%
WOB	\$21,683,721	6.0%	5.0%
HUBZ	\$14,956,257	4.1%	3.0%
VO	\$38,402,725	10.6%	5.0%
SDV	\$27,248,400	7.5%	3.0%



FY23 Top NAICS Codes





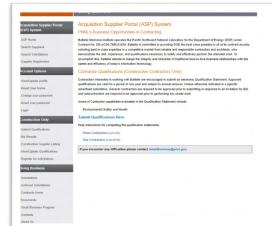
Tips for working with PNNL

- Prior to Award/doing work with PNNL, you should:
 - Take a few minutes to learn about PNNL and how you can help its mission
 - Become familiar with Battelle's <u>Prime Contract</u> with the DOE for scope and requirements

Reach out to PNNL's <u>Small Business Program Manager</u> to submit your Capability

Statement/Line Card

- Register in PNNL's <u>Acquisition Supplier Portal</u> (ASP)
 - ✓ ASP approved profile required for onsite construction
- Partner with a small business (if large)
- Become familiar with the requirements for vendor setup
 - ✓ SAM UEI # required
 - ✓ Registration in PNNL's Vendor Database
- Review past "Doing Business with PNNL" webinars on website
- PNNL utilizes leveraged agreements to purchase many of its services
 - ✓ GSA Schedules and ICPT Agreements
 - ✓ NASA Solution for Enterprise-Wide Procurement (SEWP) for enterprise software and IT needs





Current & Forecasted Opportunities

- Solicitation/Request for Proposal
 - Competitive solicitations posted externally >\$250K

Solicitation Number	<u>Title</u>	Location	<u>Issue</u> <u>Date</u>	<u>Due Date</u>	Solicitation Type
0000803517	VxRail Servers	Richland, WA	2/10/2024	04/29/2024	Goods & Services
0000774349	Relocation Services	Richland, WA	3/27/2024	05/03/2024	Services
0000828772	Provide and Launder Shop Towels	Richland, WA	4/25/2024	05/06/2024	Services
0000822404	EIK Power Supply	Richland, WA	4/9/2024	05/07/2024	Goods
0000822573	Request for Information - Overtime Callout Tool	Richland, WA	4/20/2024	05/20/2024	Services
0000828131	Matson Terminal (B-63): RPM Lane Redeployment – Replacement RPMs and Remote Operations	Oakland, CA	4/16/2024	05/20/2024	Construction
0000826778	Occupational Medical Services	Richland, WA	4/9/2024	05/24/2024	Services
0000800955	Enterprise Resource Planning System Implementation	Richland, WA	3/12/2024	06/13/2024	Services



Current & Forecast Opportunities

NAICS Code	Type of Acquisition	Acquisition Description	Place of Performance	Anticipated Award Fiscal Year	Contract Type	Estimated Dollar Range
		ERP Systems Integrator*				
	1	*Requires NDA prior to receiving RFP	1		1	[]
541512	Services	documents	Virtual	FY24	IDIQ	Min \$2.5M
334519	Goods	Personal Radiation Detectors (PRDs)	N/A	FY 24	FFP	>\$500,000
		Alternative Technology Devices (x-ray	1			
561621	Goods & Services	irradiators) - Foreign Supply & Install	Varies - International	FY24-FY26	FFP	Varies; >\$100k each
		Security System Upgrades, Install, and				
334517	Goods & Services	Refresh	Varies - Domestic & International	FY24-FY26	FFP	Varies; >\$100k each
		Security System Supply, Warranty,	1			
561621	Goods & Services	Maintenance, and Monitoring	Varies - Domestic & International	FY24-FY26	FFP	Varies; >\$50k - \$500k+ each
		80+ Software/hardware maintenance	1			
513210	Goods & Services	renewals (mostly posted on SEWP)	N/A	FY24 Q4	FFP	\$5M (total)
		Audio/Video hardware to remotely power	1			
334419	Goods & Services	cycle conference room MTRs	Richland, WA	FY24 Q4	FFP	\$200K
334111	Goods & Services	Splunk Server replacements	Richland, WA	FY24 Q4	FFP	\$160K
			1			
	1	Data Center Lifecycle replacements – servers,	1		ı	
334111	Goods & Services	UPS, LAN closet battery replacements	Richland, WA	FY24 Q4	FFP	\$420K



Come see us at upcoming outreach events



https://www.energy.gov/osdbu/2024-small-business-forum-expo



Small Business Program resources and contacts

- PNNL Acquisition Supplier Portal
- PNNL <u>Solicitation</u> Website
- PNNL Doing Business with Procurement: <u>Directorate Listing</u>
- For more information about PNNL Small Business Program and its Small Business Program goals, please visit the <u>Small Business Program Website</u>
- Contact PNNL's Small Business Program Manager small.business@pnnl.gov





Thank you



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Opportunities with Lawrence Berkeley National Laboratory

Phillip McCants, Small Business Program Manager







BERKELEY LAB

U.S. DEPARTMENT OF ENERGY

LAWRENCE BERKELEY NATIONAL LABORATORY

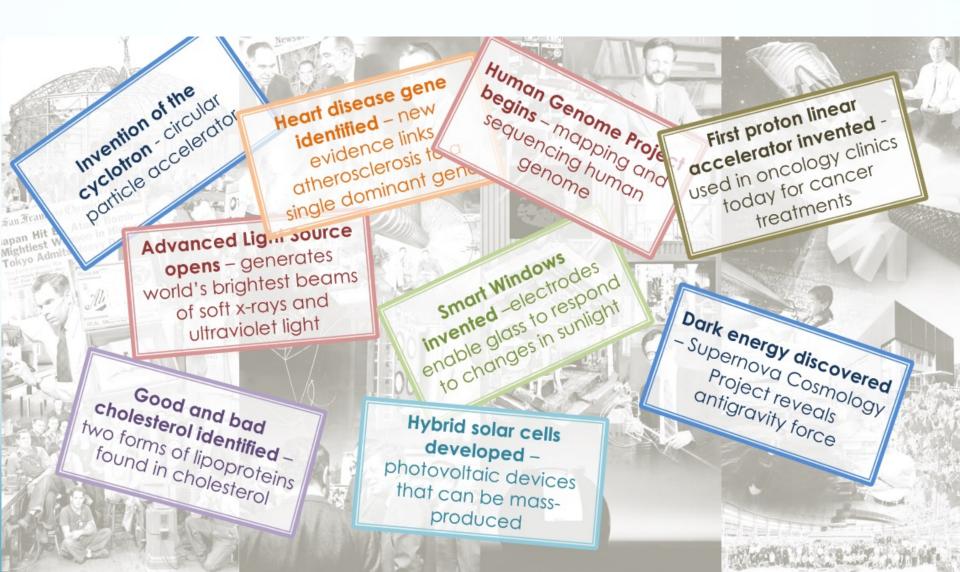


Phillip McCants
Small Business Liaison Officer
pmccants@lbl.gov

Who Are We?



Scientific Breakthroughs



Berkeley Lab Small Business Program

Mission

To support the growth and development of small businesses

Vision

To be a role model in creating small and minority business success stories in support of the world-class science at Berkeley Lab

Philosophy

Small Business First

Small Business Strategies

Subcontracts up to \$250K set-aside for small businesses

Subcontracts exceeding \$250K set-aside using rule of 2

Construction subcontracts up to \$3M set-aside to small business

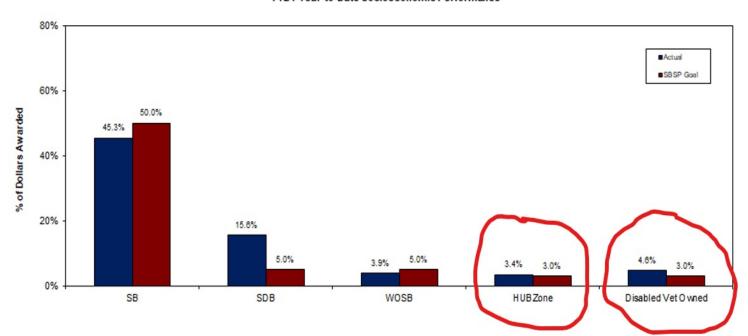
SDVOSB Non-Competitive Award up to \$4m

HUBZone Non-Competitive Award up to \$4.5m

FY24 Socio-Economics

Through March

FY24 Year-to-Date Socioeconomic Performance



Whole Year (from YTD Reports):

Purchase Base:
SB Awards:
BB Awards:
SDB Awards:
SWO Awards:
SB Set-Asides:
8(a) Awards:
HUBZone SB:
Veteran-Owned:
Disabled Vet:

POs	PCards	Total Year	%
\$ 264,018,860	\$ 7,668,038	\$ 271,686,898	100.0%
\$ 118,353,323	\$ 4,831,736	\$ 123,185,059	45.3%
\$ 145,665,537	\$ 2,836,302	\$ 148,501,839	54.7%
\$ 42,158,874	\$ 248,386	\$ 42,407,260	15.6%
\$ 10,482,215	\$ 199,078	\$ 10,681,293	3.9%
\$ 52,718,279	\$ -	\$ 52,718,279	19.4%
\$ 2,728,522	\$ 39,618	\$ 2,768,140	1.0%
\$ 9,203,615	\$ 1,452	\$ 9,205,067	3.4%
\$ 18,184,127	\$ 84,010	\$ 18,268,137	6.7%
\$ 12,546,515	\$ 5,314	\$ 12,551,829	4.6%

Getting Started with LBNL

Register in SAM.Gov

www.sam.gov

Become familiar with requirements

 https://procurement.lbl.gov/welcome-toprocurement-property/become-a-supplier/generalprovisions/

Register with LBNL

 https://procurement.lbl.gov/welcome-toprocurement-property/become-a-supplier/

Gotten Started with LBNL

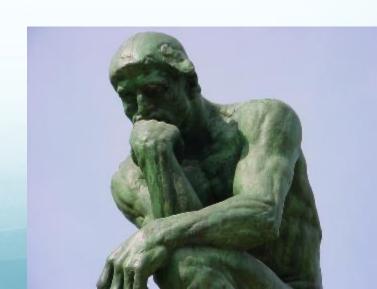
Monitor Forecasting Page

 https://procurement.lbl.gov/welcome-toprocurement-property/become-a-supplier/projectopportunities/

Engage with SBLO

- Meetings
- Capabilities Statement

Patience > Passive



Upcoming Solicitations

Project Name	Lab Area	Anticipated RFP	Estimated Value
inux Cluster Compute lodes for Scientific Computations	Chemical Sciences	3 rd Qtr FY24	\$500k+
Peant Managed Vavelength Service lelivered via Data Center Interconnect and Open Line System Equipment	Computing Sciences	3 rd Qtr FY24	\$1.5M+
Cloud Vision – Network Fabric Manager + Hardware/Software	NERSC	3 rd Qtr FY24	\$500k+
160 Application Specific RF System on Chip Field Programmable Gate Arrays	Advanced Light Source	3 rd Qtr FY24	\$500k+

Upcoming Solicitations

Project Name	Lab Area	Anticipated RFP	Estimated Value
Dell Catalog on eBuy	OCFO	3 rd Qtr FY24	\$3M+
DELL XE9680 Additions in support of LLM	Information Technology	3 rd Qtr FY24	\$500k+



Phillip McCants

Small Business Liaison Officer

Lawrence Berkeley National Laboratory

pmccants@lbl.gov

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Opportunities with Sandia National Laboratories

Patricia A. Brown, Supplier Diversity Advocate







Exceptional service in the national interest

SANDIA NATIONAL LABORATORIES

Business Opportunities

Patricia A. Brown

Supplier Diversity Advocate

April 30, 2024

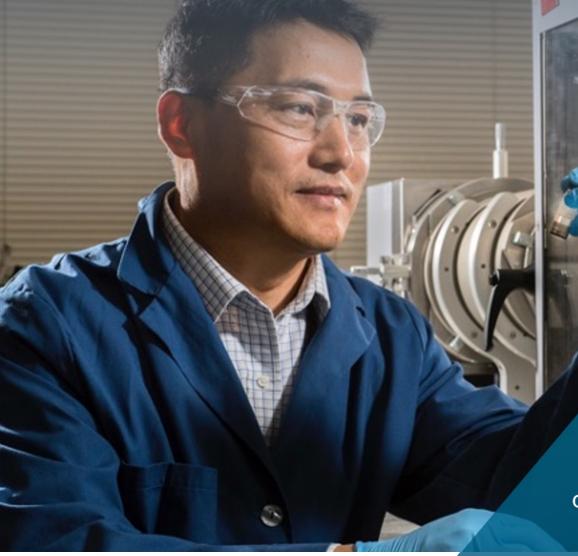




Sandia National Laboratories is a multimission laboratory managed and operated by National Technology and Engineering Solutions of Sandia LLC, a wholly owned subsidiary of Honeywell International Inc. for the U.S. Department of Energy's National Nuclear Security Administration under contract DE-NA0003525.

SANDIA IS A FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTER MANAGED AND OPERATED BY





National Technology & Engineering Solutions of Sandia, LLC, a wholly owned subsidiary of Honeywell International Inc.

Government-owned, contractor-operated

FFRDCs are long-term strategic partners to the federal government, operating in the public interest with objectivity and independence and maintaining core competencies in missions of national significance



NATIONAL SECURITY IS OUR MISSION





Sandia delivers essential science and technology to address the nation's most challenging security issues









PURPOSE

We render exceptional service in the national interest

VISION

We make Sandia a leader in keeping the world safe and secure

MISSION

We use innovative science and engineering to anticipate and solve the most challenging national security problems

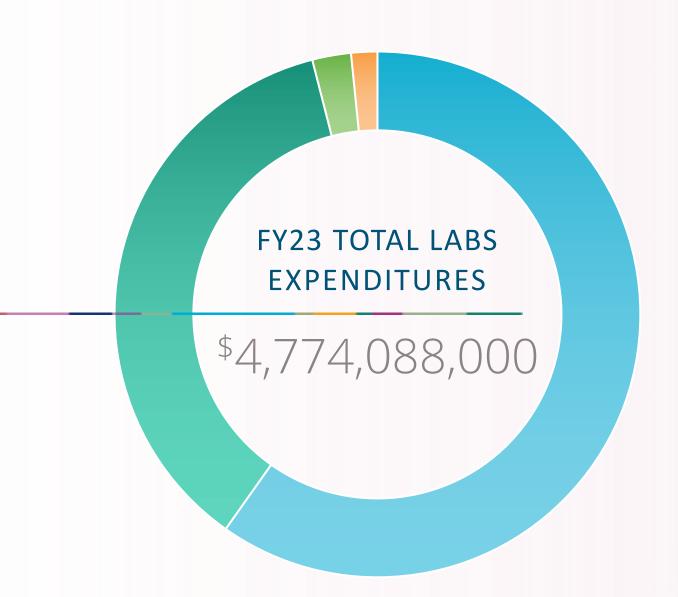
OBJECTIVE

In 10 years, we will have unleashed high-velocity engineering to counter global threats

LABS' SPENDING TOPS \$4.7 BILLION









LABOR AND
NON-SUBCONTRACTRELATED PAYMENTS

\$2,852,023,000



SUBCONTRACT-RELATED PAYMENTS

\$1,727,315,000



NM GROSS RECEIPTS TAXES

\$113,559,000



PROCUREMENT CARD PAYMENTS

\$76,672,000

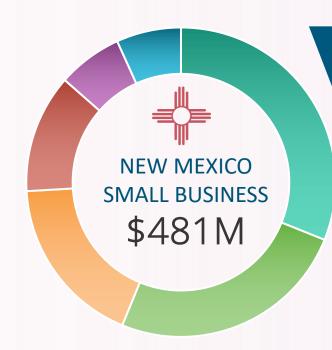
SMALL-BUSINESS CONTRACTING IS A PRIORITY







SMALL BUSINESS*	\$460IVI
DISADVANTAGED	\$324M
WOMAN-OWNED	\$224M
VETERAN-OWNED	\$178M
SERVICE-DISABLED VETERAN-OWNED	\$132M
HUBZONE	\$81M



DISADVANTAGED	\$193M
SMALL BUSINESS*	\$156M
WOMAN-OWNED	\$111M
VETERAN-OWNED	\$77M
HUBZONE	\$42M
SERVICE-DISABLED VETERAN-OWNED	\$42M

67%

OF ALL SANDIA SUPPLIERS

ARE SMALL BUSINESSES

506

NEW SMALL-BUSINESS SUPPLIERS
ADDED TO SANDIA'S
SUPPLIER BASE

NEW MEXICO SMALL BUSINESS
SUBCONTRACTING PAYMENTS ARE:

44%

OF TOTAL SMALL-BUSINESS SUBCONTRACTING PAYMENTS

81%

OF TOTAL NEW MEXICO SUBCONTRACTING PAYMENTS

^{*}Small Businesses not categorized as Small Disadvantaged Business, Women-Owned Small Business, HUBZone Small Business, Veteran-Owned Small Business or Service-Disabled Veteran-Owned Small Business.

FY 24 SMALL BUSINESS GOALS



Category	Goal
Small Business	61.00%
Small Disadvantaged Business	16.00%
Woman-Owned Small Business	10.50%
HUBZone Small Business	3.75%
Veteran-Owned Small Business	7.00%
Service-Disabled Veteran Owned Small Business	6.25%

7

REGISTER IN ISUPPLIER PORTAL



Supplier Registration

Step 1: Access iSupplier Portal Registration Page

iSupplier Registration page: Register here

To register in Sandia's iSupplier Portal go to the Registration Page and fill out both of the required pages before clicking the register button.

IMPORTANT: Upon completion of the iSupplier registration you will receive an email containing a username and a temporary password. You will need to change your password within 3 days upon receipt of the email.

Step 2: Enter Company Name & Contact Information

To begin your company's registration, you must enter the required information:

- Legal Company Name
- Tax Country
- Non-US Tax Registration Number
- · Federal Tax ID Number
- DUNS Number
- Additional Contact Information

CONTACTS

For questions regarding iSupplier Registration email: supreg@sandia.gov

For questions regarding existing iSupplier account concerns email: isupplier@sandia.gov

For assistance from our Supplier Diversity & Small Business Team email: supplier@sandia.gov

Questions for Electronic Invoicing email: einvoice@sandia.gov

Questions regarding Payments or General Accounts payable email: aphelp@sandia.gov

Register:

- Navigate: www.sandia.gov
- Partnerships
- Prospective Suppliers
- Supplier Registration
- "Register Here"

BUSINESS OPPORTUNITY WEBSITE



Sandia Business Opportunities Website (BOW)

Information about Subscribing and Responding to BOW Postings

You must register as a Sandia supplier to respond to an opportunity or to subscribe to BOW postings. Use the registered, use the "Login" link to log in. Register Login

BOW List

Click the Id link in the first column to view details.

ld ji	NAICS 👔	Posting Type	Posting Title 👔
2673	333248: All Other Industrial Machinery Manufacturing	Sources Sought	USA Made: VL400Q, Linear Mot Driven Wire EDM
2670	334419: Other Electronic Component Manufacturing	RFQ	Non-evaporable Getter Pumps
2669	334419: Other Electronic Component Manufacturing	RFQ	COTS Electronics
2662	237110: Water and Sewer Line and Related Structures Construction	Sources Sought	Drilling in Nevada (Tungsten Mountain)
2642	334519: Other Measuring and Controlling Device Manufacturing	Sources Sought	Gamma Detection Modules

View:

Navigate: www.sandia.gov

Click: Partnerships

Click: Prospective Suppliers dropdown

Click: Business Opportunities

Select: View Business Opportunities

Sandia is committed to providing maximum, practicable opportunities for small businesses. All postings to this s business opportunities listed. Responses received will enable Sandia to evaluate the interest, availability and teaming any opportunity listed a small business set-aside.

Small Business Commitment
Requirements of Socioeconomic and Business Classifications
Qualification Requirements
Top NAICS Codes
Legal Disclosure

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Subscribe:

- Access your iSupplier Account
- Click: Navigator Tool: SNL iSupplier
- Click: Home
- Click: Sandia Business Opportunities
- Select: Email Contact and Subscriptions

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ATTEND OUTREACH EVENTS





Small Business Forum

Sandia National Laboratories Opportunities Fair

May 2nd, 2024 – Marriott ABQ Uptown – 9:00am-1:30pm

9:00a – 9:30a Registration

9:30a – 10:00a How to do Business with Sandia

National Laboratories Presentation

10:15a – 12:10p | Breakout Sessions

10:15a – 1:30p | Opportunities Fair

ATTEND OUTREACH EVENTS





Save the Date: August 21, 2024

Empower through Mentoring
Strengthening the Department of Energy's Small Business Supply Chains

Interested in becoming a Protégé? Interested in becoming a Mentor? Already a Protégé and want to expand your opportunities in DOE?

The forum taking place in Albuquerque, NM is for you!

Space is limited - Don't miss your chance to:

- Learn about DOE's new Mentor-Protégé Program (MPP) initiatives.
- Attend educational breakout sessions on how to become a Mentor in DOE's program, how to become a
 Protégé, differences between SBA and DOE MPP, Joint Ventures, and understanding DOE requirements and
 landscape.
- Engage in one-on-one matchmaking sessions between small businesses and DOE program offices.
- Meet with current DOE Protégés in an exhibit hall.
- Connect with interested and current small businesses, Protégés, Mentors, DOE's National Laboratories, program offices, and prime contractors through networking opportunities.

1:1 SUPPLIER ENGAGEMENTS



- Request a Virtual 1:1 Supplier Engagement, 30 Minutes
 - Email, supplier@sandia.gov

BUSINESS OPPORTUNITIES



- Kauai Test Facility Construction
- Design of Weapons Engineering Science and Technology (WEST) Laboratory California
- Commissioning Services
- Sitewide Custodial Services
- Maintenance services for our Fire Suppression System at the CA Site
- Recompete of Sandia's Employee Recreation Program (SERP)

REQUESTS FOR INFORMATION – ID 3180



Sandia is seeking to identify options for **collaborative construction project management software**. The technical solution shall include the following:

- Construction Project Document Management workflows
- Features for collaboration and file sharing with external users
- Features for tracking of Requests for Information (RFIs), submittals and change orders
- Support for multi-factor authentication
- Support for Security Assertion Markup Language (SAML) or OpenID Connect authentication
- Single Sign-On for internal users
- FedRAMP certification for any cloud computing capabilities
- System architecture supporting segregation of public and internal network services

REQUEST FOR INFORMATION – ID 3172



Sandia is seeking for ways to best structure a public private partnership that advances needed **Pulsed Power Innovation**.

- Advance pulsed power technologies that would enable a more cost-effective and more reliable large scale pulsed power machine
- Develop privately-owned pulsed power capabilities that advance private interests
- Execute a mutually beneficial milestone-based program that could advance a future pulsed power facility more quickly and at lower cost, while at the same time serving to advance commercial industry capabilities in the United States.

REQUEST FOR INFORMATION – ID 3169



Sandia is seeking information regarding **emerging advanced memory** and associated technologies and approaches to achieve goals of the three NNSA laboratories (Sandia National Laboratories, Lawrence Livermore National Laboratory).

- US-based manufacturer
- Manufacturer of large-scale memory systems and memory semantic storage



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Opportunities with Lawrence Livermore National Laboratory

Jordan Clark, Business Analyst





Doing Business With the Lawrence Livermore National Laboratory

Jordan Clark Small Business Program Office





Agenda

- About LLNL
- Tips for Working with LLNL
- Upcoming Opportunities



Science and Technology on a Mission



LLNL's Socioeconomic Goals

Small Business Type or Socioeconomic Category	LLNL's 2024 Socioeconomic Spend Goals
Small Business (SB)	45%
Small Disadvantaged Business (SDB)	12%
Hubzone (historically underutilized business)	3%
Women-Owned SB (WOSB)	7%
Service-Disabled Veteran Owned SB (SDVOSB)	3%
Veteran Owned SB (VOSB)	4%

What We Buy

Think of Lawrence Livermore National Laboratory as a small city...

We procure goods and services in support of our:

- Property
- Programs
- People



FY23 Small Business Spend Profile

Category	NAICS Code	% of Small Business Spend
	236220 Commercial and Institutional Building Construction	21%
Construction 25% of total small business spend	237110 Water and Sewer Line and Related Structures Construction	2.0%
	237990 Other Heavy and Civil Engineering Construction	1.5%
	334111 Electronic Computer Manufacturing	9%
Electronics 15% of total small business spend	334118 Computer Terminal and Other Computer Peripheral Equipment Manufacturing	2.5%
	334112 Computer Storage Device Manufacturing	2%
	334516 Analytical Laboratory Instrument Manufacturing	3%
Laboratory Equipment 5% of total small business spend	334515 Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals	1.5%

Tips for Working With LLNL

- Market Survey: Looking for Sources
 - Get on the Prospective Supplier List (vendor.llnl.gov)
 - Sources Sought/RFI in SAM and Industry Days
 - Small Business Program Office
- Solicitation: Inviting Sources to Participate
 - Understand the Requirements. Unsure? Ask!
 - Read <u>All</u> Documents Carefully
 - Provide Requested Items
- Post Award: Performance
 - Understand the Terms of the Subcontract
 - Provide Submittals on Time or Early
 - Perform well, on time, and on budget





Construction Opportunities FY24-25

Acquisition Type	Execution Method	NAICS	Project Title	Estimated Contract Value	Estimated Project Start (Quarter Starting)
Construction	D/B/B	236220	Bldg 543 Auditorium and Conference Room Revitalizations	<\$2M	Oct 2024
Construction	D/B/B	236220	Site 200 Mechanical Utility Valve and Piping Replacement	>\$2M	Oct 2024
Construction	D/B/B	236220	U291 Cooling Tower Replacement	>\$10M	Oct 2024
Construction	Demo	238910	3700 Block Demo	>\$5M	Oct 2024
Construction	D/B	238210	9781 ERICA SF6 Sectionalizing Switch Replacements	<\$2M	Oct 2024
Construction	D/B	236220	B170 Refresh Antiquated Central Alarm System Station and Equipment	>\$2M	Oct 2024
Construction	D/B/B	236220	Bldg 131 Second Floor Restroom Revitalization	<\$2M	Oct 2024
Construction	D/B/B	236220	Bldg 132S Rm 1133 Upgrade	<\$2M	Oct 2024
Construction	D/B	238990	Bldg 262 Exterior Lighting Revitalization	<\$2M	Oct 2024
Construction	D/B	238330	Bldg 194 Office and Hallway Flooring and Paint Replacements	<\$2M	Oct 2024
Construction	D/B/B	236220	Bldg 194 Network Upgrade	<\$2M	Oct 2024
Construction	D/B	238190	Bldg 262 Pathway Revitalization	<\$2M	Oct 2024
Construction	D/B/B	236220	Bldg 316 stairway replacement	<\$2M	Oct 2024
Construction	D/B	236220	Bldg 361 Rooms 1642, 1646, 1542, 1546 Upgrade	>\$2M	Jul 2024
Construction	D/B	236220	Bldg 365 Generator Replacement	<\$2M	Oct 2024
Construction	D/B	236220	Fume Hood and Alarm Compliance	<\$2M	Oct 2024
Construction	D/B	236220	New Employee Center	>\$10M	Jan 2025
Construction	D/B	236220	Bldg 543 Auditorium and Conference Room Revitalizations	<\$2M	Oct 2024
Construction	D/B	238990	Site 300 Property Protected Area Fence Replacements Northeast	<\$2M	Oct 2024
Design	Design Only	541310	B132N R1610 Labs	<\$2M	Oct 2024
Design	Design Only	541310	Site 200 Mocho Hetch Hetchy Pump Station Revitalization	<\$2M	Oct 2024
Design	Design Only	541310	B132S R1110 Upgrade	<\$2M	Oct 2024
Construction	Build Only	236220	B834 Complex Roadway Replacement	<\$2M	Jan 2025
Construction	D/B	236220	B251 Slab/Soil removal	>\$5M	Apr 2025
Construction	D/B/B	541310/ 236220	8389 Network Intelligence Research Office Facility	>\$20M	Oct 2025
Construction	D/B/B	541310/ 236220	National Security Innovation Campus (NSIC), Bldg 1	>\$20M	Oct 2026
Construction		541310/ 236220	New Integrated Bio-Resilience Laboratory (IBRL)	>\$20M	TBD
Design	Design Only	541310	STAR - New Bldg 420 Maintenance Shop	<\$2M	Oct 2024



Learn About Upcoming Opportunities

DOE Small Business Capability Database

- Searchable repository for the DOE acquisition community
- Scan the QR code or click this link.

LLNL Contracting Opportunities:

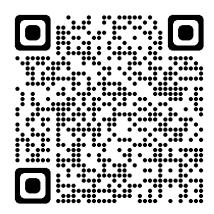
- Sign up as a prospective supplier: <u>vendor.llnl.gov</u>
- Some opportunities are posted on <u>SAM.gov</u>

LLNL Construction:

- Construction Opportunities Page: <u>https://supplychain.llnl.gov/opportunities</u>
- Pre-qualification: contact Jon/Jordan

LLNL Small Business Office

Jon Benjamin/Jordan Clark: <u>smallbusiness@llnl.gov</u>



Questions?

Jon Benjamin

Small Business Program Manager **Jordan Clark**

Business Analyst, Small Business Program Office

Lawrence Livermore National Laboratory

smallbusiness@llnl.gov

www.llnl.gov



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Morning Wrap Up

Nicole Colley, Operations Strategy Manager





