

Exceptional service in the national interest

SMALL BUSINESS FORUM IN PARTNERSHIP WITH DOE OSDBU

August 29th, 2023

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. SAND2023-109850



9:00 – 9:30am Welcome & Introductions

9:30 – 10:00am

Understanding the Structure: DOE – NNSA - SNL

10:00 – 10:15am Break

10:15 – 12:00am Business Opportunities: SNL, LLNL, CNS, SLAC, KCNSC, LANL

12:00 – 1:30pm Lunch, Networking, sign up

1:30 – 3:30pm

Lunch, Networking, & Matchmaking sign up

Matchmaking: DOE OSDBU, SNL, LANL, LLNL, CNS, SLAC, KCNSC

AGENDA



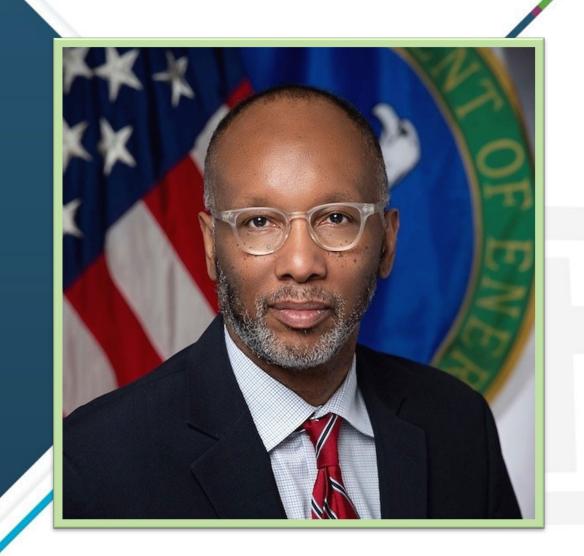
LOUIS GRIEGO

Sandia National Laboratories Supply Chain Director





RON PIERCE Department of Energy OSDBU Director



UNDERSTANDING THE DOE STRUCTURE

National Nuclear Security Administration

CHELSEA MURPHY

National Nuclear Security Administration

Small Business Program Manager

INNOVATE. COLLABORATE. DELIVER.

Sandia National Laboratories & OSDBU Small Business Forum

August 29, 2023



Doing Business w/ DOE NNSA and our Management & Operating (M&O) Partners

Gary Lyttek, Senior Small Business Source Manager Chelsea Murphy, Small Business Program Manager DOE National Nuclear Security Administration

Q

Who should be here?

- New to the DOE or NNSA
- New to DOE subcontracting
- Refresher

Why are you here?

- Find Opportunities!
- How to get & stay connected

Doing Business w/ DOE NNSA

Defense Programs

To sustain a safe, secure and effective nuclear deterrent through the application of science, technology, engineering and manufacturing

Naval Reactors

To provide militarily effective nuclear propulsion plants and ensures their safe, reliable and long-lived operation.

Emergency Operations

CLEAR SECURITY ENTER To provide radiological and nuclear emergency response and to provide security to the nation from the threat of nuclear terrorism

Nuclear Nonproliferation

To detect, secure, and dispose of dangerous nuclear and radiological material, and related weapons of mass destruction technology and expertise

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FENSE PROGRAMS

NAVAL REACTORS

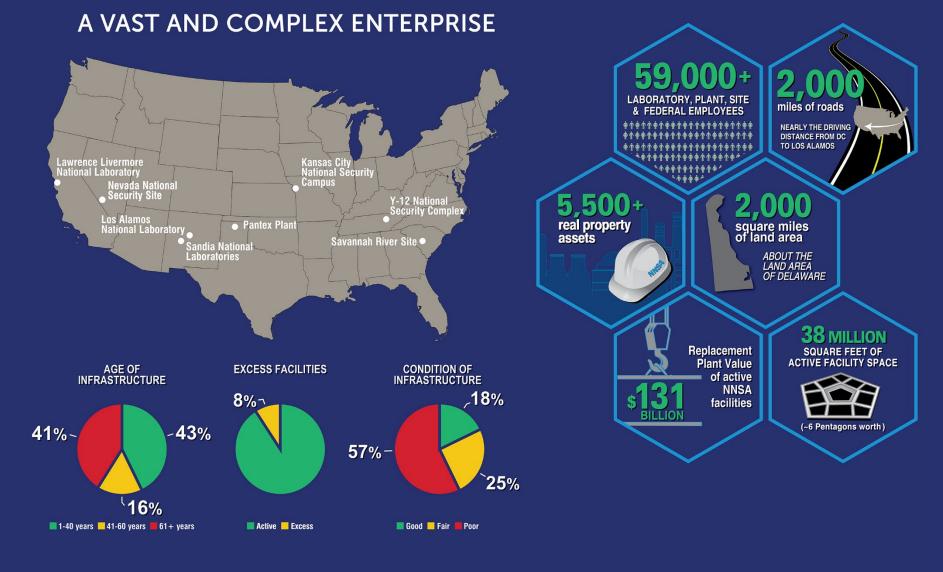
NUCLEAR NONPROLIFERATION

Defense Nuclear Security

To develop and implement security programs for NNSA including protection, control, and accountability of materials, and for the physical security of all facilities of the administration

NNSA OFFICE OF INFRASTRUCTURE

INNOVATE. COLLABORATE. DELIVER.





DOE <u>Management & Operating (M&O) contracts</u> began during World War II as contracts of the Manhattan Engineer District that were placed with industrial corporations & academic institutions for research, development, and production of atomic weapons.

After the war, Congress laid out the charter for the newly formed Atomic Energy Commission in the Atomic Energy Act of 1946, which stated:

- Federal government would rely on contractors to perform the work;
- Government responsible for oversight and direction of work; and
- Contractors allowed discretion in carrying out assigned functions.

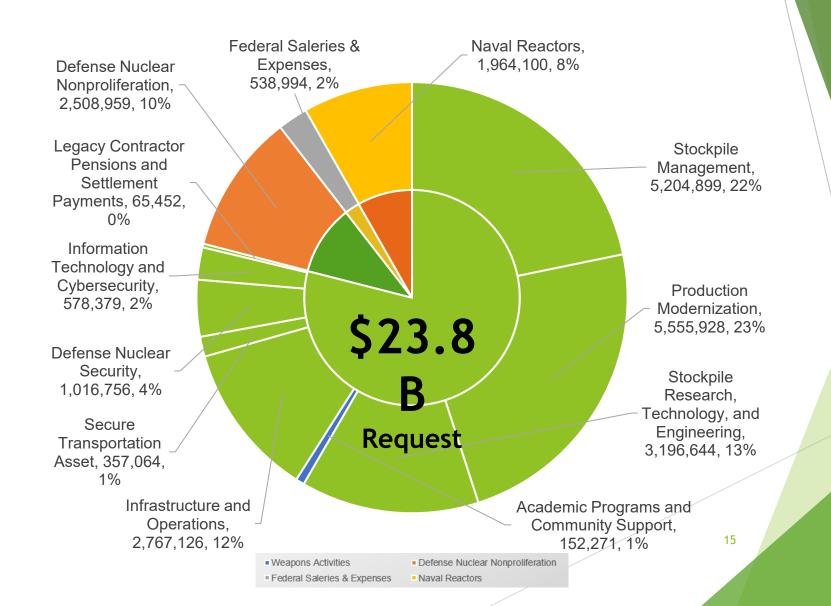
Certain characteristics of <u>DOE/NNSA's M&O contracts</u> differentiate them from other types of contracts used by the Federal government to acquire supplies and services, including:

- Work takes place at large Government-owned or -controlled facilities.
- Purpose is the accomplishment of a Governmental mission.
- Generally, works with research, development, or special production, which often can be the source of significant liabilities.
- Work most often performed at relatively isolated locations around the U.S.
- Work is often of a long-term, continuing nature.
- Contractors employ large workforces that usually remain intact without regard to whether the incumbent contractor is replaced.
- DOE oversees workforce safety and health issues at the facilities.
- Contractors are provided an annual budget; some exceeding \$1 billion.
- A close working relationship exists between the contractor and the Government.

NNSA Budget & Operations

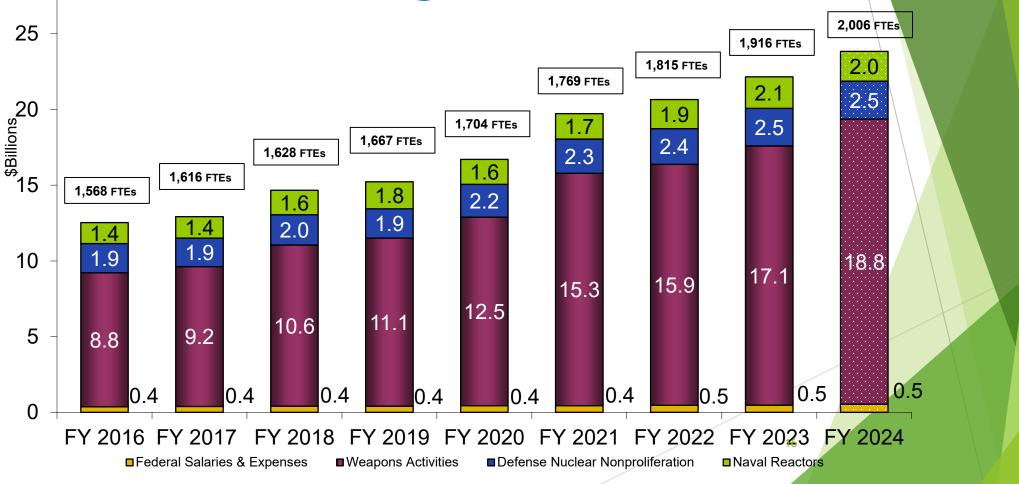
- Semi-Autonomous Organization
- Unique Procurement Authority
- FY24 Est. Budget Base: ~ \$23.8B
- Management & Operating Contractors (M&O's) fulfill mission work (FY22: ~ 90% of funding)
- Majority of small business opportunities are with our M&O contractors (FY22: ~ \$3.9B)
- FY22 Federal Small Business Obligations: Over \$470M

Doing Business w/ DOE NNSA



Doing Business w/ DOE NNSA

³⁰ NNSA Funding FY 2016-FY 2024



\$ in millions

Site	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	\$ Change FY 2024 Request vs FY 2023 Enacted	% Change FY 2024 Request vs FY 2023 Enacted
Kansas City	1,367.8	1,208.8	1,297.3	88.5	7.3%
Kansas City National Security Complex	1,357.2	1,195.9	1,285.1	89.2	7.5%
Kansas City Field Office	10.6	12.9	12.2	(0.7)	-5.2%
Livermore	2,214.0	2,235.9	2,246.2	10.3	0.5%
Lawrence Livermore National Laboratory	2,196.3	2,199.9	2,225.9	26.0	1.2%
Livermore Field Office	17.6	36.0	20.3	(15.7)	-43.6%
Los Alamos	3,465.1	4,022.5	4,527.6	505.1	12.6%
Los Alamos National Laboratory	3,445.5	3,999.6	4,504.1	504.5	12.6%
Los Alamos Field Office	19.6	22.9	23.6	0.6	2.7%
NNSA Production Office	3,101.4	3,019.9	3,884.0	864.1	28.6%
Pantex Plant	952.4	1,058.2	1,208.8	150.6	14.2%
Y-12 National Security Complex	2,100.4	1,901.2	2,579.7	678.5	35.7%
NNSA Production Office (Field Office)	48.6	60.4	95.4	35.0	57 9%
Nevada	782.9	694.0	882.4	188.5	27.2%
Nevada National Security Site	764.6	673.6	861.0	187.4	27.8%
Nevada Field Office	18.3	20.3	21.4	1.1	5.3%
Sandia	2,745.4	2,860.6	3,035.5	174.9	6.1%
Sandia National Laboratories	2,660.2	2,774.3	2,946.6	172.3	6.2%
Sandia Field Office	85.3	86.3	88.9	2.6	3.0%
Savannah River	1,354.1	1,941.5	1,596.4	(345.1)	-17.8%
Savannah River Site	1,314.7	1,909.3	1,543.5	(365.8)	-19.2%
Savannah River Operations Office	39.4	32.2	52.9	20.8	64.5%
Naval Reactors	1,760.4	1,906.5	1,792.8	(113.8)	-6.0%
Bettis Atomic Power Laboratory	419.2	630.9	580.2	(50.7)	-8.0%
Knolls Atomic Power Laboratory	759.0	638.8	765.5	126.7	19.8%
Naval Reactors Facility	582.2	636.9	447.1	(189.8)	-29.8%

NNSA Small Business Programs

Policies:

- NNSA is committed to providing maximum practicable contracting opportunities to small businesses for goods and services needed to support program and mission accomplishment
- Non-Management & Operating contract actions, shall first be considered for small businesses.

Practices:

- Stand-alone Small Business Policy
- SBA, OSDBU & NNSA Partnership
- Socio-Economic Program focus

Doing Business w/ DOE NNSA

Get to know us... **Growing Contract Sizes** Teaming **Affiliation Rules Know the Regulations Sources Sought/Requests for Info**

19

Questions & Assistance

Chelsea Murphy Small Business Program Manager National Nuclear Security Administration U.S. Department of Energy (505) 331-6558 chelsea.murphy@nnsa.doe.gov



LAURA LOVATO

Sandia National Laboratories Integrated Supply Chain Analyst Manager



SANDIA'S HISTORY IS TRACED TO THE MANHATTAN PROJECT

THE WHITE HOUSE WASHINGTON

May 13, 1949

Dear Mr. Wilson:

I am informed that the Atomic Energy Commission intends to ask that the Bell Telephone Laboratories accept under contract the direction of the Sandia Laboratory at Albuquerque, New Mexico.

This operation, which is a vital segment of the atomic weapons program, is of extreme importance and urgency in the mational defense, and should have the best possible technical direction.

I hope that after you have heard more in detail from the Atomic Energy Commission, your organisation will find it possible to undertake this task. In my opinion you have here an opportunity to render an exceptional service in the national interest.

I am writing a similar note direct to Dr. O. E. Buckley.

Very sincerely yours

Mr. Leroy A. Wils President, American Telephon 195 Broadway, New York 7, N. Y.





- July 1945: Los Alamos creates Z Division
- Nonnuclear component engineering
- November 1, 1949: Sandia Laboratory established

22

63

- AT&T: 1949–1993
- Martin Marietta: 1993–1995
- Lockheed Martin: 1995–2017
- Honeywell: 2017–present

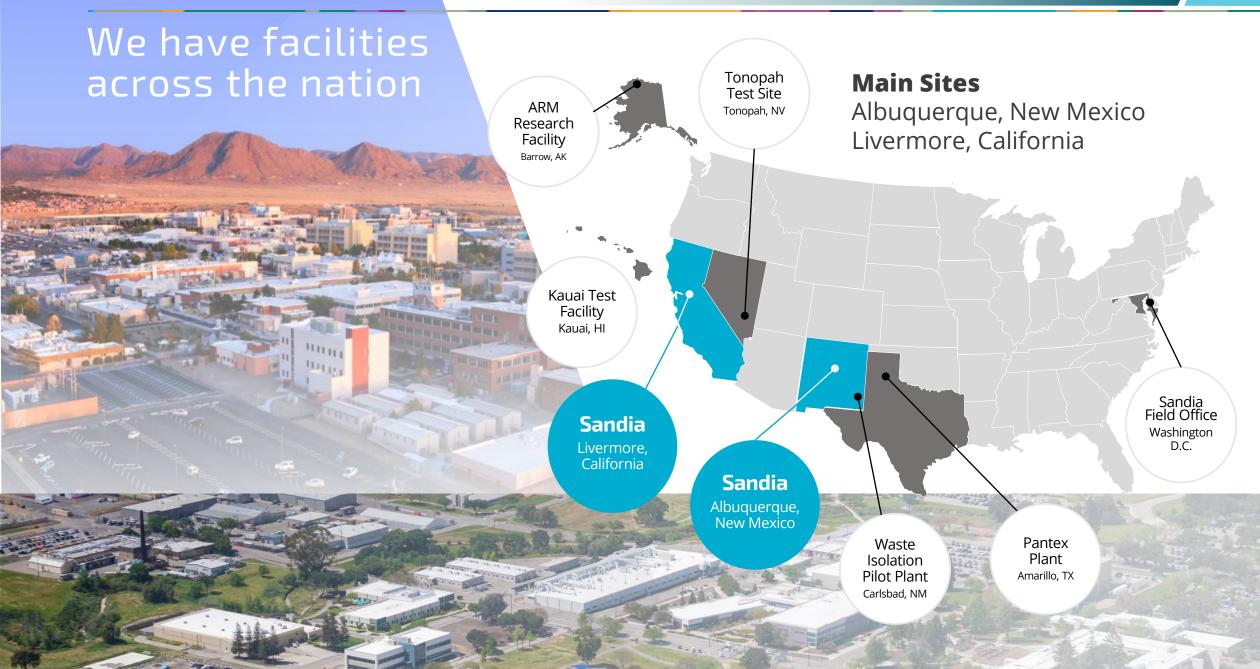
SANDIA IS A FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTER (FFRDC) MANAGED AND OPERATED BY

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

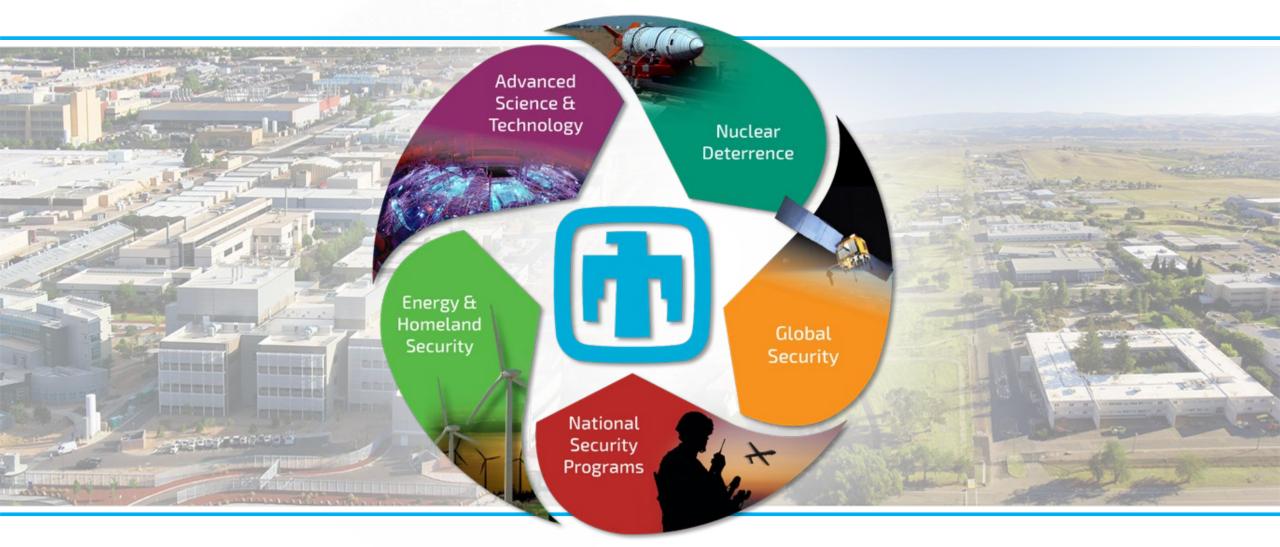
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Government-owned, contractor-operated

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

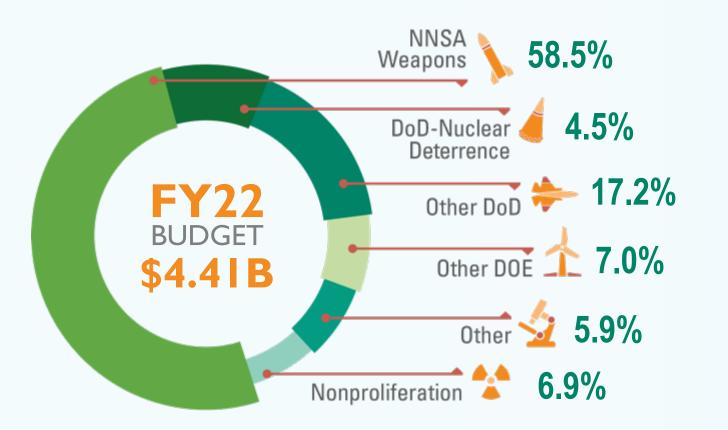


Sandia is a multimission national security laboratory with five major program portfolios



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OUR BUDGET COVERS A BROAD RANGE OF GOVERNMENT AND OTHER WORK





OTHER

Department of Homeland Security Other federal agencies | nonfederal entities CRADAs, licenses, royalties | inter-entity work

DoD

Air Force | Army | Navy
Defense Threat Reduction Agency
Ballistic Missile Defense Organization
Office of the Secretary of Defense
Defense Advanced Research Projects Agency
Intelligence Community

OTHER DOE

Science

Energy Efficiency and Renewable Energy
Nuclear Energy
Environmental Management
Electricity Delivery and Energy Reliability
Other DOE

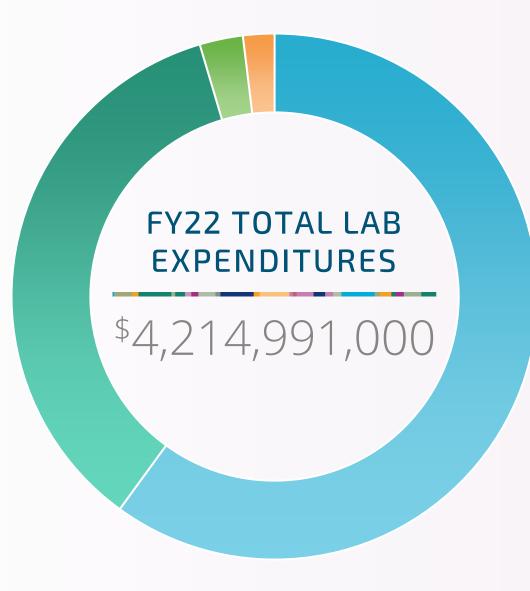
A,**A**

NONPROLIFERATION

NNSA/NA20 | NNSA/NA80

GD

LABS' SPENDING TOPS \$4.2 BILLION



LABOR AND NON-SUBCONTRACT-RELATED PAYMENTS \$2,529,937,000



SUBCONTRACT-RELATED PAYMENTS \$1,501,532,000

NM GROSS RECEIPTS TAXES

27

(• \$ ·

\$111,700,000 PROCUREMENT CARD PAYMENTS

\$72,645,000

COMMUNITY INVOLVEMENT IS A PART OF OUR CULTURE

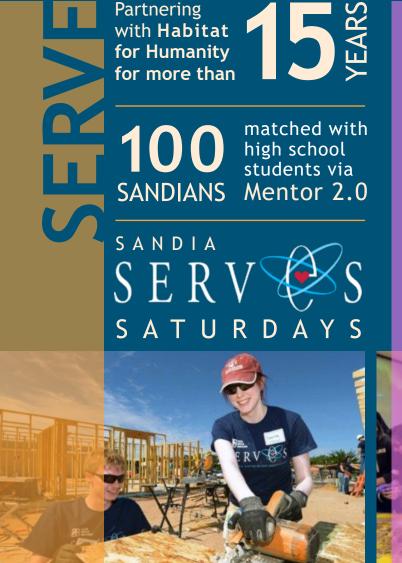
Partnering

\$5M Contributed through the United Way of Central NM

> Providing children with SHOES, BOOKS, SCHOOL SUPPLIES & HOLIDAY GIFTS

Donated \$400K

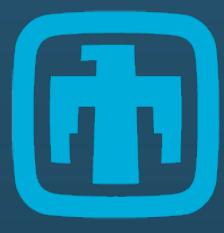




Family **Math Nights** Family Science **Nights** New Mexico Science Electric Car Challenge Bowls **STEM Career exploration**



(H)



ZACH MIKELSON

Sandia National Laboratories Small Business Program Manager



15 MINUTE BREAK

PRESENTATION OF OPPORTUNITIES: SNL - LLNL- CNS - SLAC - KCNSC - LANL

SANDIA NATIONAL LABORATORIES



HOW TO WORK WITH SANDIA



Create company account in iSupplier



Subscribe to the Business Opportunities Website



Participate in Outreach Events and 1:1 Meetings

REGISTER IN ISUPPLIER

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

Supplier Registration

Step 1: Access iSupplier Portal Registration Page

iSupplier Registration page: <u>Register here</u>

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: <u>supreg@sandia.gov</u>

For questions regarding existing iSupplier account concerns email: <u>isupplier@sandia.gov</u>

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

Questions for Electronic Invoicing email: <u>einvoice@sandia.gov</u>

Questions regarding Payments or General Accounts payable email: <u>aphelp@sandia.gov</u>



BUSINESS OPPORTUNITIES WEBSITE

ld ji		Posting Type <u>(</u>)	Posting Title <u>(</u>)	Posted j)	Posting Close <u>(</u>)	Competition Type
2978	238210: Electrical Contractors and Other Wiring Installation Contractors	RFQ	Speakers, sensor, controllers, power supply	28-Aug-2023	31-Aug-2023 13:58	Set-Aside - HUBZone Small Business
2976	333924: Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing	Sources Sought	Diesel forklift equivalent to or better than Doosan DV250S-7	28-Aug-2023	05-Sep-2023 10:14	Set-Aside - Small Business
2975	334511: Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing	Sources Sought	Leak Detector	25-Aug-2023	30-Aug-2023 14:07	Competitive
2973	334220: Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	RFQ	Keysight Source	24-Aug-2023	29-Aug-2023 14:03	Small Business First
2972	334516: Analytical Laboratory Instrument Manufacturing	RFQ	Phase-only spatial light modulator	24-Aug-2023	29-Aug-2023 12:41	Small Business First
2971	334413: Semiconductor and Related Device Manufacturing	Sources Sought	Single Side Polished Wafer	24-Aug-2023	29-Aug-2023 11:51	Competitive
2969	337127: Institutional Furniture Manufacturing	Sources Sought	Custom Rousseau Work Benches	24-Aug-2023	29-Aug-2023 06:16	Competitive
2964	513210: Software Publishers	RFI	Grant Management Software	18-Aug-2023	02-Sep-2023 10:18	N/A for RFI





BUSINESS OPPORTUNITIES WEBSITE

2958	333912: Air and Gas Compressor Manufacturing	Sources Sought	SF6 Reclaimer System	15-Aug-2023	30-Aug-2023 09:22	Competitive
<u>2954</u>	541715-4: Guided Missiles and Space Vehicles, Their Propulsion Units and Propulsion Parts	RFI	Hypersonics Engineering & Support Services	14-Aug-2023	13-Sep-2023 09:36	N/A for RFI
2951	238290: Other Building Equipment Contractors	Sources Sought	Elevator Maintenance, Testing & Inspection	24-Aug-2023	29-Aug-2023 15:49	Competitive
2946	541511: Custom Computer Programming Services	RFI	Oracle HCM Cloud Implementation	15-Aug-2023	30-Aug-2023 09:13	N/A for RFI
2945	332420: Metal Tank (Heavy Gauge) Manufacturing	RFI	Autoclave	09-Aug-2023	01-Sep-2023 06:57	N/A for RFI
2937	562112: Hazardous Waste Collection	Sources Sought	Explosive Waste Treatment Services	03-Aug-2023	01-Sep-2023 07:08	Competitive
2933	541614: Process, Physical Distribution, and Logistics Consulting Services	RFI	Supply Chain Planning & Forecasting Commercial Off the Shelf Package	02-Aug-2023	01-Sep-2023 15:31	N/A for RFI
2930	811310: Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	Sources Sought	Maintenance - Forklift, Heavy Equipment, Carts	14-Aug-2023	29-Aug-2023 15:50	Competitive



LAWRENCE LIVERMORE NATIONAL LABORATORY

Doing Business With the Lawrence Livermore National Laboratory

Jon Benjamin Small Business Program Manager

August 29, 2023



LLNL-PRES-853306 This work was performed under the auspices of the U.S. Department of Energy by Lawrence Livermore National Laboratory under contract DE-AC52-07NA27344. Lawrence Livermore National Security, LLC



Agenda

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

Lawrence Livermore National Laboratory



~\$2.9B	8400 Employees
\$1.1B	280 Open Positions



FY23 Socioeconomic Spend Goals

- **SB** 45% • VOSB 4%
- SDB 12%

- SDVOSB 3%

• WOSB 7%

HUBZone 3%



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

We procure goods and services in support of our:

- Property
- Programs
- People



Tips for Working With LLNL

- Market Survey: Looking for Sources
 - Get on the Prospective Supplier List
 - 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



Upcoming Opportunities

	226220	Design and in a struct in a second second to second to the second state of DVVV to IT Office use	
Construction Improvements	236220	 Design, engineer and construct improvements required to complete the conversion of BXXX to IT Office use. Work includes: Creation of a Secondary Room for purpose X , reconfiguring floor plan to include a Private Office and Kitchenette as indicated in the Schematic Plan, including all relevant MEP work as shown on the Schematic Plan and as described within this document. Design and install lighting upgrades at Open Office. Incorporate BXXX into Site 300 Limited Area by extending the perimeter fence as shown on Schematic Site Plan Modifications to paving and parking, and outdoor lighting in coordination with new fence layout 	
OS455 Ultrasonic Sensor & Controls Installation	236220	The objective of the project is to design, build, and commission a control system consisting of ultrasonic sensors for the OS455 cooling tower electric motors. The installation will include 48 ultrasonic sensors (4 ultrasonic sensors for the horizontal pumps, 2 ultrasonic sensors for each of the vertical pumps, and 2 ultrasonic sensors for each of the 6 cooling tower fan motors), and a flow monitor for the chemical feed pump that will be tied into the controls system. All ultrasonic sensors will be UE Systems Ultra-Trak 750 ultrasonic sensors. The purpose of the ultrasonic sensors is to monitor bearings for lubrication and failure. The new controls system for these ultrasonic sensors will need to be incorporated into the existing building management system (BMS) without impact to 24/7 critical operations.	ASAP
Cryogenic Electron Microscopy (Cryo-EM) Services	541380	The Subcontractor shall conduct a comprehensive characterization of high value samples by negative stain and Cryo-EM. The Subcontractor shall conduct Single Partical Analysis (SPA) Full 3D reconstruction. The Subcontractor shall build model following full 3D reconstruction.	11/1/2023
Drafting/Design Services		The Subcontractor shall provide design and drafting services as directed by Lawrence Livermore National Security LLC, in accordance with the MTA, Task Order requirements, and all Incorporated Documents. The Subcontractor shall perform the majority of the work at its facility connected to the LLNS CAD database and Product Lifecycle Management tool through use of a VPN connection; however, it shall be expected to attend on-site meetings, training sessions, and design reviews, as required to support Task Order performance requirements. When directed by a Task Order, Subcontractor shall provide on-site design engineering support	10/15/2023





Upcoming Opportunities Construction

Project Deliverable	Estimated RFP	Estimated Value	Set Aside
Small Construction	FY24 Q2	<\$1M	SB
Small Construction	FY24 Q2	<\$1M	SB
Small Construction	FY24 Q2	<\$1M	SB
Small Construction	FY24 Q2	<\$1M	SB
Small Construction	FY24 Q2	<\$1M	SB
Small Construction	FY24 Q2	<\$1M	SB
Small Construction	FY24 Q2	<\$1M	SB
Small Construction	FY24 Q2	<\$1M	SB
Small Construction	FY24 Q2	<\$1M	SB
Small Construction	FY24 Q2	<\$1M	SB
Small Construction	FY24 Q2	<\$1M	SB
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Small Construction	FY24 Q2	<\$1M	SB
Small Construction	FY24 Q2	<\$1M	SB
Small Construction	FY24 Q2	<\$1M	SB
Small Construction	FY24 Q2	<\$1M	SB
Small Construction	FY24 Q2	<\$1M	SB
Small Construction	FY24 Q2	<\$1M	SB
	Small ConstructionSmall Construction	Small ConstructionFY24 Q2Small ConstructionFY24 Q2Sm	Small ConstructionFY24 Q2\$1MSmall ConstructionFY24 Q2\$1M



Questions?





Lawrence Livermore National Laboratory

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CONSOLIDATED NUCLEAR SECURITY -PANTEX



Doing Business With Consolidated Nuclear Security, LLC (CNS)

Randy Crawford Small Business Program Manager Pantex Plant

This document has been reviewed by a CNS Dual Authority DC/RO and confirmed to be UNCLASSIFIED. Name: James Carducci Date: 08/18/2023 CNS eDC/RO ID: 644573





Doing Business With Consolidated Nuclear Security, LLC (CNS)

Randy Crawford Small Business Program Manager Pantex Plant

CONS Consolidated NUCLEAR SECURITY, IC PANTEX PLANT Y-12 NATIONAL SECURITY COMPLEX



Bechtel

Project Management Construction Operations



High Explosives High-Hazard Operations

Booz | Allen | Hamilton

Booz, Allen, Hamilton

Transformation Cost Savings



Leidos

Operations Support Engineering

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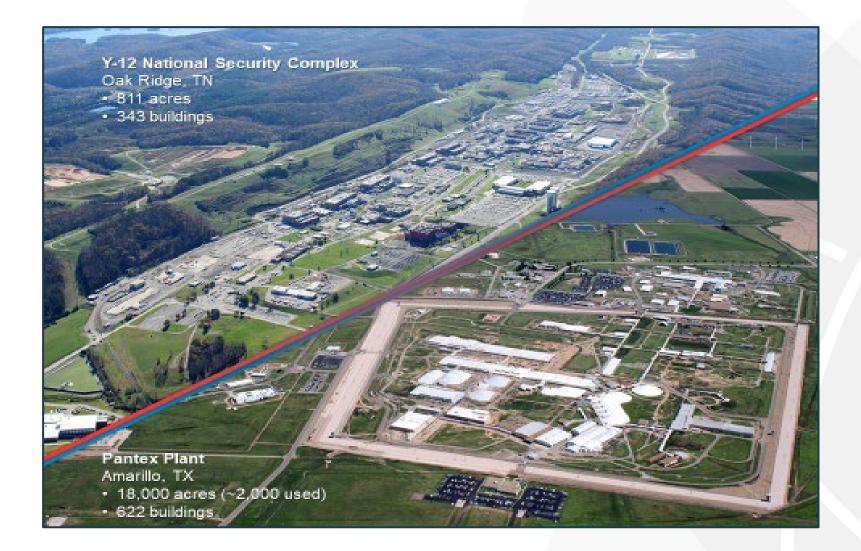
SOC

Security Safeguarding SNM

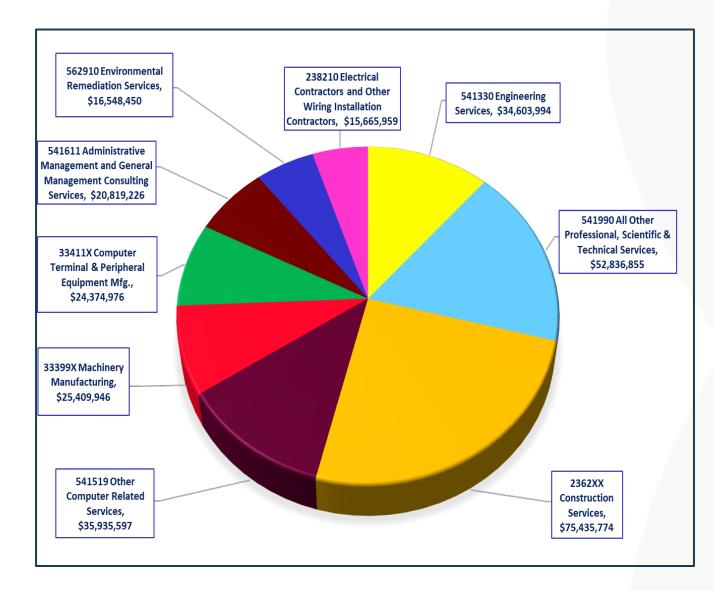
Mission

- Provide the nuclear deterrent
- Fuel the Nuclear Navy
- Reduce the global nuclear threat





Top NAICS – Average Fiscal Year Spend



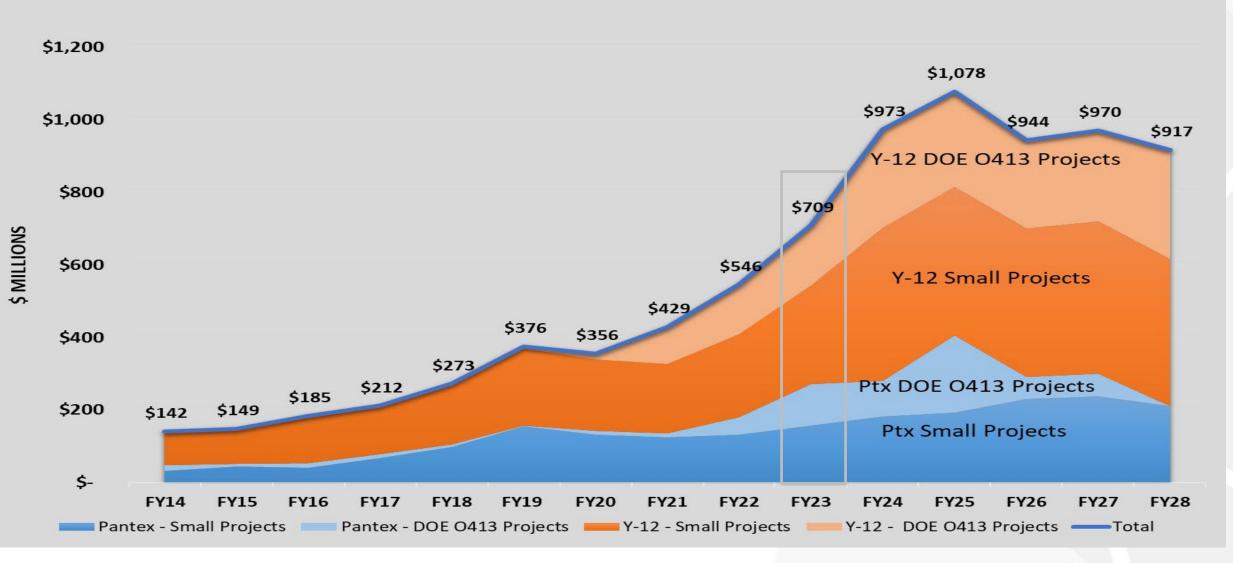
FY 2022

- \$995.6M Total Spend
- \$523.8M Awarded to Small Business
 - 52.6%

FY 2023

- Forecast to Exceed \$900M
- Small Business Goal – 53.5%

CNS Project Workload



*Does not include UPF, MSF, or ARCCC. 7

FY24 Awards – *Pantex*

Project Name	Discipline	Forecasted Award Date	\$ Estimation
Rotoclone System Replacement	Construction Contract	Q1	\$1M-\$5M
Analytical Gas Laboratory	Design/Build	Q1	\$250K-\$1M
Building Disposition	Construction Contract	Q1	\$250K-\$1M
Compressed Air system	A/E Design	Q1	\$150K-\$500K
Drainage Improvements Z12 MAA Basin E & F	Construction Contract	Q1	\$1M-\$3M
Bay/Cell HPFL, FDS, & RAMS Repl.	Det-Tronics	Q1	\$250K-\$1M
Production Tooling VMC	Construction Contract	Q1	\$250K-\$1M
Cell 2 & 4 RAMS Design Refresh	RAMS Title III	Q2	\$150K-\$500K
South Substation - 100 Circuit SG, Cap B	A/E Design	Q2	\$1M-\$3M
HVAC Replacement	Construction Contract	Q2	\$1M-\$3M
HVAC BOA	Construction Contract	Q2	\$1M-\$3M
Bays 11, 12, and 15 Modification	A/E Design	Q2	\$150K-\$500K
Zone 4 Bridging - Drainage	A/E Design	Q2	\$250K-\$1M
Bay/Cell RAMS	RAMS Construction Contracts	Q2	\$1M-\$3M
Heat Treat Oven Facility Modifications	Construction Contract	Q2	\$1M-\$3M
Water Treatment System Removal	A/E Design	Q2	\$150K-\$500K

FY24 Awards – Pantex (cont.)

Project Name	Discipline	Forecasted Award Date	\$ Estimation
NMS Recloser Replacement	Construction Contract	Q3	\$200K-\$500K
5-Axis Mill	Construction Contract	Q3	\$1M-\$3M
Cells 2 & 4 FDS	FDS Release Funding	Q3	\$1M-\$3M
Pump House and Tank Upgrade	Construction Contract	Q3	\$3M-\$5M
Domestic Water Phase III - HPFL	A/E Design	Q3	\$200K-\$500K
JCDC Feed to NMS	Construction Contract	Q3	\$2M-\$4M
Zone 4 Generator Load Bank	Construction Contract	Q3	\$2M-\$4M
ESD Floor Replacement	Construction Contract	Q3	\$200K-\$500K
HPFL Unscheduled Repairs	Construction Contract	Q3	\$200K-\$500K
Bays 15,17,19 FDS Design Refresh	FDS Title III	Q3	\$200K-\$500K
Cells 2 & 4 FDS Design Refresh	FDS Title III	Q3	\$200K-\$500K
Hoist Bridge/Com	A/E Design	Q3	\$200K-\$500K
FACP Replacements	Construction Contract	Q4	\$200K-\$500K
Cells 2, 3 FDS/RAMS, Cell 6 RAMS Replacement	Det-Tronics	Q4	\$200K-\$500K
Lead-In & Wet Pipe Riser Replacement Design Refresh	HPFL Title III	Q4	\$50K-\$200K
Replace Toxic Vapor Monitoring	A/E Design	Q4	\$200K-\$500K
New Environmental Sampling Facility	Design/Build	Q4	\$15M-\$20M
Cell 2 Hoist Installation	Construction Contract	Q4	\$200K-\$500K
Fire Damper Replacements	Construction Contract	Q4	\$1M-\$3M

FY24 Awards – *Y-12*

Project Name	Discipline	Forecasted Award Date	Range
General Electrical Upgrade	Accusine Meter and Cable	Q1	\$200k-\$500k
General Electrical Upgrade	175T Chillers and Controls	Q1	\$1M-\$3M
General Electrical Upgrade	Cooling Tower	Q1	\$1M-\$3M
General Electrical Upgrade	Air Handler / Dry Wheel Dehumidification Unit	Q1	\$500k-\$1M
Electropolisher	Mono Rail Hoist and Trolley	Q1	\$10k-\$100k
LPF	Electrolytic Cell	Q1	\$5M-\$10M
LPF	Lathes/Mills	Q1	\$60M-\$100M
Special Materials Demonstration Technology	Furnace Design	Q1	\$200k-\$500k
North Col Z2 Fire & Portable Water	Design Award	Q1	\$200k-\$500k
Machine Capability Lathe #2	Machine Capability Lathe #2	Q1	\$1M-\$3M
South e-Beam Welder	e-Beam Welder	Q1	\$2M-\$3M
Training Center	Installation Award	Q1	\$1M-\$3M
LPF	СММ	Q1	\$20M-\$25M
DUM Foundry Direct Cast Production Furn	Design/Build Contract	Q1	\$5M-\$10M
A-2 Wing Decoupling	Design	Q1	\$1M-\$3M
Machine Capability Lathe 2	Contract Award for Hardinge Lathe 2 Fabrication	Q1	\$1M-\$3M
General Electrical Upgrade	500 Ton Chiller	Q1	\$200k-\$500k
Additional 5-axis Mill	Axis Mill	Q1	\$1M-\$3M

FY24 Awards – Y-12 (cont.)

Project Name	Discipline	Forecasted Award Date	Range
810 Replacement	BOA Design	Q2	\$200k-\$500k
810 Replacement	Electrical Equipment	Q2	\$200k-\$500k
DCM Bottom Load Furnace	Vacuum Chamber Design	Q2	\$1M-\$3M
Machine Capability Lathe 2	Lathe 2 Design for Installation	Q2	\$1M-\$3M
CMM Replacement	Design	Q2	\$500k-\$1M
Electropolisher	Drum lifting/hauler equipment	Q2	\$200k-\$500k
Fuel Station Replacement	Design	Q2	\$1M-\$3M
Above Ground Storage Tank Remediation	Demo Award	Q2	\$200k-\$500k
Utility Reroute Execution	Design	Q2	\$2M-\$4M
IGPP Revitalization	Modernization Award	Q2	\$5M-\$10M
Complex Prep for Demo	Demo	Q2	\$2M-\$5M
AF Disposition Execution	Execution	Q2	\$2M-\$5M
CN22-Scientia Telum	MSC Facility Enhancement	Q2	\$5M-\$10M
Coordinate Measuring Machine #1	CMM	Q2	\$1M-\$3M
Coordinate Measuring Machine #2	CMM	Q2	\$1M-\$3M
Graphite Drying Oven 1	Design	Q2	\$500k-\$1M
Storm Water Distribution Collection Sys	Design Award	Q2	\$250k-\$750k
Y-12 Fiber Ring	Design	Q2	\$1M-\$3M
DCM Bottom Load Furnace	HEPA Filter FE	Q2	\$1M-\$3M
DCM Bottom Load Furnace	Compactor FE	Q2	\$1M-\$3M

FY24 Awards – Y-12 (cont.)

Project Name	Discipline	Forecasted Award Date	Range
General Electrical Upgrade	Alumalift	Q3	\$50k-\$100k
General Electrical Upgrade	Chemical Fume Hoods (3)	Q3	\$50k-\$100k
General Electrical Upgrade	Tube Furnace	Q3	\$200k-\$500k
Elza Switchyard Facility Disposition	Demo BOA Contract Award	Q3	\$500k-\$1M
DCM Bottom Load Furnace	PLC/HMI BE	Q3	\$200k-\$500k
DCM Bottom Load Furnace	Glovebox Procurement FE	Q3	\$2M-\$4M
GBO2 Air Lock Hood	Install Design	Q3	\$1M-\$3M
DCM Bottom Load Furnace	Furnace / Recirculation	Q3	\$20M-\$25M
General Electrical Upgrade	Installation Subcontract	Q3	\$10M-\$15M
General Electrical Upgrade	Vacuum Oven	Q3	\$50k-\$100k
Leitz 12-10-7 CMM	Design	Q3	\$2M-\$4M
Transformer Oil Removal	Execution	Q3	\$2M-\$4M
General Electrical Upgrade	HUP Hot Ton Press	Q3	\$10M-\$15M
General Electrical Upgrade	Special Cart Tube	Q3	\$50k-\$100k
Building Disposition	Execution	Q3	\$2M-\$4M
Pencil Ingot Lathe	Pencil Ingot Lathe	Q3	\$1M-\$3M
Stack 7 Replacement	Design	Q3	\$500k-\$1M
LPF	Evaporator/Dryers Fabrication	Q3	\$10M-\$15M
LPF	Gloveboxes Fabrication	Q3	\$50M-\$100M
LPF	HMG Furnance and Reactor Vessel Fabrication	Q3	\$25M-\$35M

FY24 Awards – Y-12 (cont.)

Project Name	Discipline	Forecasted Award Date	Range
Reroute	Design	Q4	\$200k-\$500k
LPF	Construction Pre-Buys	Q4	\$1M-\$3M
Dock modifications	Design	Q4	\$500k-\$1M
Dock modification	Design	Q4	\$200k-\$500k
Vacuum Furnace	Furnace / Recirculation	Q4	\$1M-\$3M
Enhanced Backfill Station	Backfill Station	Q4	\$200k-\$500k
Graphite Drying Oven 1	Graphite Drying Oven	Q4	\$1M-\$3M
Vista Switchgear Installation	Switchgear	Q4	\$500k-\$1M

Additional Forecast Details

CNS Procurement provides the forecast of subcontracting opportunities for FY2023.

• These requirements may be revised or canceled, depending on program budget funding or departmental needs.

CNS Forecast Site

https://www.y12.doe.gov/suppliers/procurement/subcontracting/subcontractingforecasts/cns-forecast

If you have questions or would like to express an interest in any of the opportunities listed in the previous slides, contact:

procurement@pantex.com (Pantex)

procurement@y12.doe.gov (Y-12)

Working with CNS

- Register your business with <u>System for Award Management (SAM)</u> Offerors not registered will be ineligible for award
- Ensure your company information is in the Small Business Administration (SBA) Dynamic Small Business Search (DSBS)
- > Provide a **One-Page Capability Statement**
- Review Upcoming Procurements and Contract Opportunities Visit the CNS, Pantex and Y-12 websites
- Know the CNS Mission and how your business can support it

CONTACT INFORMATION

Pantex Plant (Amarillo, TX)Y-12 National Security Complex (Oak Ridge, TN)Randy Crawford
Pantex Small Business Program Office
randy.crawford@pxy12.doe.govGreta Ownby
Y-12 Small Business Program Office
greta.ownby@pxy12.doe.govhttp://pantex.energy.govhttp://www.y12.doe.gov









SLAC NATIONAL ACCELERATOR LABORATORY

SANDIA National Laboratories Small Business Forum: SLAC Small Business Program

Nicole Colley Operation Strategy Manager 29 August 2023







Outline

Small Business and Supplier Diversity Program @ SLAC

SLAC Small Business Metrics

SLAC Opportunities

Small Business and Supplier Diversity Program @ SLAC

The Small Business and Supplier Diversity Program @ SLAC is an extension of SLAC's commitment to diversity equity and inclusion through its support of communities in which we live and work by providing equitable opportunities to compete which drives down cost and increases innovation in support of SLAC's mission to help solve real-world problems and advancing the interests of the nation.

Procurement Mission and Vision

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.

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.

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	Target % FY22	Actual % FY22	Target % FY23	Actual % Q3-FY23	Actual \$ Q3 FY23
Small Business	45%	62.86%	50%	72.02%	\$66,677,688
Small Disadvantaged Business	5%	16.91%	5%	31.44%	\$29,107,881
Hub Zone	3%	1.92%	3%	.73%	\$673,384
Veteran Owned	2%	12.13%	2%	12.27%	\$11,358,471
Service-Disabled Veteran	1%	3.91%	1%	1.73%	\$1,604,481
Women-Owned	5%	9.24%	5%	2.24%	\$2,075,440

Small Business Award:		
•	FY22	\$62,950,694
•	FY23-Q3	\$66,677,688

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 % Q3-FY23	Actual \$ Q3 FY23	# of Suppliers FY23 through Q3	# of Suppliers Q3-FY23 Only
Small Business	72.02%	\$66,677,688	451	230
Small Disadvantaged Business	31.44%	\$29,107,881	88	46
Hub Zone	.73%	\$673,384	8	3
Veteran Owned	12.27%	\$11,358,471	27	16
Service-Disabled Veteran	1.73%	\$1,604,481	23	13
Women-Owned	2.24%	\$2,075,440	55	33

LCLS II/HE

Cryomodule Controls Rack Electrical and Controls Assembly

- Scope: Procurement, assembly, and wiring of controls equipment installed within industrial enclosures that will control LCLS-II-HE cryomodule and cryodistribution subsystems. Manufacture, perform quality assurance, test, package, and deliver forty-six (46) Cryogenic Control Racks assemblies
- NAICS Code: 334516
- Estimated Project Cost: \$1.9 Million
- Estimated Timeline of Solicitation: RFP released Aug.
 8, Contract award estimated Oct 2023

Electronics Racks

- Scope: Design, document, fabricate, assemble, test, and deliver to SLAC the electronics racks
- NAICS Code: Unknown
- Estimated Project Cost: \$2.7 Million
- Estimated Timeline of Solicitation: Release of RFP is planned for August.

LCLS II/HE

Site Wide Crane & Rigging

- Scope: Provide crane and rigging services in support of equipment installation and construction projects. Equipment to be offloaded, transported, and placed in its final location for installation includes sensitive scientific equipment, large industrial equipment, building equipment and other equipment
- NAICS Code: 238990, or may be 484220
- Estimated Time of Solicitation: RFP planned release date of early-September 2023. Planned Award date, early-November 2023.

Cryomodule Stand Sets

- Scope: This procurement is for the fabrication/production of cryomodule stand sets (26 fixed stands/26 sliding). There will be 52 total units to be delivered and accepted by SLAC. The sets are required to position cryomodules in the housing with all efforts in accordance with Statement of Work and referenced drawings
- NAICS Code: Unknown
- Estimated Time of Solicitation: RFP planned release date of late-Sept 2023 and expected award mid-Dec 2023.

Construction / High Value Science

Solid State Modulator Systems

- Scope: SLAC Technology Innovation Directorate (TID) to develop prototype klystron-based high power radio frequency systems (HPRF). A total of four solid-state klystron modulators are to be procured from an external vendor, with the klystrons and their RF auxiliaries being designed and built inhouse by SLAC. Installation and integration are by SLAC following the delivery of the modulators
- NAICS Code: 335999
- Estimated Time of Solicitation: RFP planned released week of August21st ; award September 8th

Hydrogen Gas Thyratrons Tubes

- Scope: Procurement of 89 Hydrogen gas thyratron tubes switching tubes at 50kV, 6kA, 180Hz to be used for the LINAC and the klystron modulators at SLAC.
- NAICS Code: 334419
- Estimated Time of Solicitation: RFP is on SAM.gov;. RFP due date is September 8, 2023

Construction / High Value Science

Sector 14 Culvert Repair Project

- Scope: Storm drain repair of corrugated metal pipe in Sector 14. The inlets and outlets of the pipe are rusted out.
- NAICS Code: 562910
- Estimated Project Cost: >\$250,000
- Estimated Timeline of Solicitation: Q4-FY2023

Master Substation High Voltage Transformer

- Scope: A Master Substation (MSS) High Voltage Transformer to replace two 230kV / 12.47kV, 50MVA stepdown transformers
- NAICS Code: 335311
- Estimated Project Cost: >\$2 million
- Estimated Timeline of Solicitation: RFP Release October 2023 / Award Summer 2024.

Commodity

YubiKey 5C FIPS & 5C Nano FIPS

- Scope: Bulk purchase of Yubikeys for Identity and Asset Management (IAM) modernization and security project – 5C FIPS, 5C Nano FIPS, & 5 Nano FIPS
- NAICS Code: 541519
- Estimated Project Cost: \$200,000
- Estimated Timeline of Solicitation: Q4-FY2023

Chemical

- Scope: This project is for a chemical provider. The base scope is to provide a spectrum of chemicals. May also include scope to integrate acquisition of chemicals with SLAC ERP system.
- NAICS Code:
- Estimated Project Cost: >\$2 Million
- Estimated Timeline of Solicitation: Release of solicitation is October 2023

Services

Security

- Scope: Security contract to include security administration and services including security guards and emergency medical technician. Responsible for patrolling all buildings and all other structures at SLAC including roads and 426 acres.
- NAICS Code: 561612
- Estimated Timeline of Solicitation: This will be rebid in FY2026

ES&H Professional Services Support

- Scope: This project is for an Indefinite Delivery Indefinite Quantity (IDIQ) five (5) year agreement. The base scope is for Environmental Safety & Health professional services support in the area of approximately twenty-seven (27) labor categories
- NAICS Code: 562910
- Estimated Project Cost: >= \$1 Million
- Estimated Timeline of Solicitation: FY2024 Q2 / FY2024 Q3. Current agreement expires June 2024

Thank you



NATIONAL ACCELERATOR LABORATORY

Stanford University

KANSAS CITY NATIONAL SECURITY CAMPUS

August 29, 2023

HOW TO DO BUSINESS WITH KCNSC

KAREN WEST PURCHASING PROGRAM MANAGER



Honeywell FM&T Proprietary Information Do Not Copy or Distribute Without Written Permission from Honeywell FM&T

NSC-614-5570 08/2023 Unclassified Unlimited Release

The Department of Energy's Kansas City National Security Campus is managed and operated by Honeywell Federal Manufacturing & Technologies, LLC under contract number DE-NA0002839

National Security

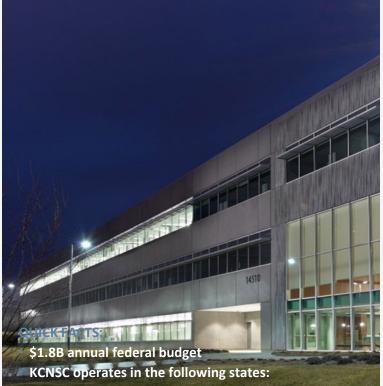


KANSAS CITY NATIONAL SECURITY CAMPUS (KCNSC)

MANAGED BY HONEYWELL FM&T



ABOUT KCNSC



KCNSC operates in the following states: – Missouri | Kansas | New Mexico DOE Contract: 5-years 2015-2020 | 5 executed optional years to 2025

7,000 employees and growing

- 1,900+ Bargaining Unit employees
 Inclusion, Diversity, Equity, Acceptance
 Invest \$1 Million into our communities annually
- 290 production suppliers (70% outsourcing)

Honeywell Federal Manufacturing & Technologies, LLC, has been the sole managing and operating contractor of the Department of Energy's (DOE) Kansas City National Security Campus (KCNSC) for over 70 years.

KCNSC is a multi-mission engineering and manufacturing enterprise delivering trusted national security products and government services; producing 80% of the country's non-nuclear components.

MISSION AREAS

- NUCLEAR WEAPON PROGRAMS: Three modernization weapon programs in production; three modernization weapon programs in development and stockpile systems; planning for subsequent modernization and continuation of stockpile systems
- **GLOBAL SECURITY:** Strategic partnership and strategic intelligence partnership programs with DOE Intelligence oversight primary operations are in a SCIF
- SUPPLY CHAIN MANAGEMENT CENTER (SCMC): Enables cost savings and/or cost avoidance, yielding more money for more mission by reducing duplication of effort and fragmented approaches to strategic sourcing

ABOUT KCNSC



VISION

To deliver INNOVATIVE national security SOLUTIONS for GENERATIONS TO COME

MISSION

One team developing and delivering QUALITY products and services to advance our nuclear deterrent in DEFENSE OF OUR NATION

VALUES

INTEGRITY

We lead by upholding high standards in all we do, with a commitment to execution where our actions match our words and foster trust.

TEAMWORK

We deliver on our mission as a united team driving innovation and accountability for success today, tomorrow and beyond.

RESPECT

We cultivate an inclusive environment which values our unique strengths and diverse perspectives.

THE CORE MISSION KCNSC SERVES

	Program	Service	Туре	Delivery Path
<image/>	Program	Service	туре	Denvery Path
	B61-3/4	USAF	Tactical Bomb	Air to Surface
	B61-7/11	USAF	Strategic Bomb	Air to Surface
	B61-12	USAF	Tactical/Strategic Bomb	Air to Surface
	B83-1	USAF	Strategic Bomb	Air to Surface
	W76-1	USN	SLBM Warhead	Underwater to Surface
	W76-2	USN	SLBM Warhead	Underwater to Surface
	W78-0	USAF	ICBM Warhead	Surface to Surface
	W80-1	USAF	CM Warhead	Air to Surface
	W80-4	USAF	CM Warhead	Air to Surface
	W87-0	USAF	ICBM Warhead	Surface to Surface
	W87-1	USAF	ICBM Warhead	Surface to Surface
	W88-0	USN	SLBM Warhead	Underwater to Surface
	W88 ALT370	USN	SLBM Warhead	Underwater to Surface
	W93	USN	SLBM Warhead	Underwater to Surface
	MGT	OST	Trailer	N/A
	SGT	OST	Trailer	N/A

NEW MEXICO OPERATIONS

NATIONAL



NEW MEXICO OPERATIONS:

- Depot services
- Quality auditing
- Security access control systems
- Custom components and systems for the NNSA's Office of Secure Transportation (OST)

SMALL BUSINESS SUPPLY BASE

FY22	Total	Small	Small Disadvantaged	Woman Owned Small	HUBZone	Veteran Owned Small	Service- Disabled Veteran Owned Small
Purchasing	1502	967	112	117	27	100	46
Total	4608	1090	ULL 1.2.8	135	28	113	51

SMALL BUSINESS MATTERS

NSC-614-5570 08/2023 Unclassified Unlimited Release

SMALL BUSINESS OUTREACH

Honeywell FM&T's commitment to Small Business in the Subcontracting Plan includes Small Business Outreach

Kansas City

- KCPRT Small Business Supplier Diversity Initiatives
- Metropolitan Community College Small Business
 Events
- KC Chamber Small Business Procurement Events
- KS SBDC Encountering Innovation

Albuquerque

- NM PTAC Outreach Events
- Albuquerque Hispano Chamber Events
- NMVBA Events
- Sandia/DOE Small Business Forum

National

- DOE's Small Business Expo & Forum
- Government Procurement Conference
- National 8(a) Procurement Conference
- National HUBZone Conference



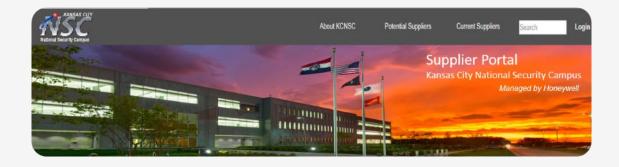




Upcoming Small Business Outreach Events Listed at www.kcnscsupplier.com

SMALL BUSINESS INNOVATION

- Forecasting Tool for Small Business Steering Committee
- Small Business Portal Page
- Department Specific Dashboard of SB Performance for Purchasing
- Strategic Sourcing SB Impact Reports













SMALL BUSINESS SUPPLIER DEVELOPMENT

- DOE Mentor Protégé Agreements
 - Lean
 - Business Development
 - Cybersecurity
 - Quality
 - Precision Cleaning
 - <u>You</u> name it
- Supply Base Management: Commodity Teams, Purchased Product Teams
- Supplier Development Team
- Supplier Kaizens: Value Stream Mapping, 5S, Visual Management









SMALL BUSINESS SPEND

	FY21	FY22	FY23 (*projected)
Small Business	\$427M (57.2%)	\$430M (55.3%)	\$568M* (58%)*
Small Disadvantaged Business	\$58M (7.7%)	\$57M (7.3%)	\$58.8M* (6%)*
Small Women Owned Business	\$65 (8.8%)	\$67M (8.6%)	\$73.5M* (7.5%)*
HUBZone	\$29M (3.8%)	\$34M (4.4%)	\$40M* (4%)*
Small Veteran Owned Business	\$48M (6.4%)	\$59M (7.6%)	\$88M* (9%)*
Small Service- Disabled Veteran Owned Business	\$32M (4.3%)	\$47M (6.1%)	\$83M* (8.5%)*

KCNSC Small Business Goals are available at www.kcnscsupplier.com

KCNSC EXPECTATIONS OF SUPPLIERS

- Integrity
- Compliance with all applicable laws (including export control)
- Safety
- Active registration in System for Award Management (SAM.gov)
- Timely response to KCNSC requests for quotes and information
- Awareness of and adherence to all purchase order terms and conditions
- Exceptions (if any) to requirements documented in response to RFQ/RFP
- 100% conformance to the specification
- 100% on-time delivery
- Fair and reasonable pricing
- Continuous improvement culture
- IT suppliers provide hardware and software capable of operating in an IPv6-only environment

KCNSC FORECAST OPPORTUNITIES*

Program/Site Office Name: Kansas City National Security Campus managed by Honeywell FM&T **Type of Acquisition:** Capital Equipment Reseller IDIQ **Acquisition Description:** 3rd party procurement of capital equipment for new campus Type of Action: Small Business | NAICS Code: 333248 Estimated Dollar Range: \$100M-\$150M **RFP Release Date:** 2nd Quarter 2024 **Contact Info:** Erin Weathersbee eweathersbee@kcnsc.doe.gov Program/Site Office Name: Kansas City National Security Campus managed by Honeywell FM&T **Type of Acquisition:** Building Maintenance Contract through 2031 Acquisition Description: Building maintenance general contractor for B23 and KC NExT Type of Action: Small Business | NAICS Code: 561210 Estimated Dollar Range: \$200 – 225M RFP Release Date: 4th Quarter 2023 **Contact Info:** Crysten Morgan cmorgan@kcnsc.doe.gov

*Opportunity forecasts are subject to change at the discretion of the Contracting Officer.

KCNSC FORCAST OPPORTUNITIES*

Program/Site Office Name: Kansas City National Security Campus managed by Honeywell FM&T
Type of Acquisition: IDIQ Contract
Acquisition Description: Office furniture and installation for new buildings
Type of Action: Small Business | NAICS Code: 337215
Estimated Dollar Range: \$120M - \$150M
RFP Release Date: Q1 - 2024
Contact Info: Brendann Northcott cnorthcott@kcnsc.doe.gov

Program/Site Office Name: Kansas City National Security Campus managed by Honeywell FM&T
Type of Acquisition: IDIQ Contracts
Acquisition Description: MRO Items
Type of Action: Small Business | NAICS Code: Varies per contract
Estimated Dollar Ranges: \$3-\$5M total
RFP Release Dates: Q3 2023 thru Q3 2024
Contact Info: Lori Greene Igreene@kcnsc.doe.gov

*Opportunity forecasts are subject to change at the discretion of the Contracting Officer.

DOING BUSINESS WITH KCNSC

- 1. Visit <u>www.kcnscsupplier.com</u> and fill out a Supplier Interest Form
- 2. Receive follow up contact from KCNSC Small Business Advocate
- 3. KCNSC Small Business Advocate will share your information with appropriate buyers/business customers
- 4. Buyers/business customers will reach out when opportunities arise
- 5. Respond when receiving an RFI or RFP

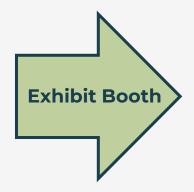
Tina Krstulic Small Business Advocate KCNSC managed by Honeywell FM&T (816) 488-5191 ckrstulic@kcnsc.doe.gov



QUESTIONS & ANSWERS



Michael Carbajal Purchasing Manager New Mexico KCNSC managed by Honeywell FM&T (505) 267-4583 mcarbajal@kcnsc.doe.gov





Karen West Purchasing Program Manager KCNSC managed by Honeywell FM&T (816) 488-7741 kwest@kcnsc.doe.gov

LOS ALAMOS NATIONAL LABORATORY



LANL Campus Future Outlook

Richard Kaselow Team Leader – Project Initiation - Infrastructure Program & Planning Office (IPPO)

August 29, 2023

LA-UR-23-28457

Managed by Triad National Security, LLC, for the U.S. Department of Energy's NNSA.

Numerous Infrastructure Projects Planned for 20+ Years

- Triad has developed a Campus Master Plan (CMP) which identifies potential infrastructure projects over the next 20+ years
 - LANL's current facilities are aging, and many are in poor condition
 - Modern, safe facilities are required to support growing missions and staffing
- Projects include new building construction, demolition, utilities, and transportation
- Plan is *unconstrained* and represents total need
 - Actual projects to be executed will be determined by management priority and available budget

The CMP shows significant planned new construction and demolition over the next 20+ years



Major Construction Projects (\$30M+)

- Line-item projects, funded by Congressional appropriation
 - >\$50M subject to DOE Order 413.3B Program and Project Management for the Acquisition of Capital Assets
 - Approval and funding can take several years
 - Projects \$30M-\$50M are exempt and follow more streamlined process
- Projects planned over the next 10 years include
 - Office buildings
 - Large scale experimental facilities
 - Secured operations structures





Minor Construction Projects (<\$30M)

- Approximately \$132M spent in FY23 for minor construction projects – subcontractor cost (design & construction)
 - ~\$115M in FY21
 - ~\$117M in FY22
 - FY24 forecast = ~\$171M
- Projects planned over the next 10 years include
 - Office buildings
 - Light laboratories
 - Small scale experimental facilities
 - HE Facilities
 - Warehouses/storage
 - Cafeterias
 - Secured operations structures
 - HVAC
 - Fire Protection







Utility Projects

- Utility systems at LANL include water, wastewater, natural gas, electric power, heating steam, telecommunications, and radioactive liquid waste
- Many systems are aging and need replacement
- Projects planned over the next 10 years include
 - Upgrades and expansions to existing distribution systems
 - Relocation of existing lines
 - Installation of new lines





Transportation Projects

- Onsite staffing increases necessitate road network improvements to increase safety and ease congestion
- Planned projects include
 - Existing road and intersection upgrades
 - New roads
 - Parking structures and surface parking
 - Transit infrastructure





Demolition Projects

- Projects range in size and complexity
- Some facilities planned for demolition are process contaminated and will require special waste handling
- Other projects include site cleanup and disposal of used equipment





MATCHMAKING



NETWORKING

- Prime Agencies -

DOE - OSDBU National Nuclear Security Administration Sandia National Laboratories Lawrence Livermore National Laboratory Los Alamos National Laboratory Consolidated Nuclear Security SLAC National Accelerator Laboratory Kansas City National Security Campus

- Small Business Resources -

Albuquerque Hispano Chamber of Commerce African American Greater Abq Chamber of Commerce Sandia Technology & Economic Development DOE Office of Economic Impact & Diversity Minority Business Development Agency Small Business Administration NM APEX Accelerators

NETWORKING

FINAL REMARKS

12:00 – 1:30pm Lunch, Networking, & Matchmaking sign up

1:30 – 3:30pm

Matchmaking: DOE OSDBU, SNL, LANL, LLNL, CNS, SLAC, KCNSC

4:00 – 5:00pm

Social Hour at Ibiza Bar (Optional)

AGENDA