

Small Business Research
& Development
Opportunities at
Defense Logistics
Agency
(DLA)

MR. DWIGHT D. DENEAL DIRECTOR
DLA OFFICE OF SMALL BUSINESS PROGRAMS





# **DLA Leadership**



VADM MICHELLE C. SKUBIC DIRECTOR



VICE DIRECTOR

BRAD B. BUNN



CSM TOMEKA N. O'NEAL, USA SENIOR ENLISTED LEADER



CHIEF OF STAFF



BG GAVINA LAWRENCE, USA COMMANDER



BRIG GEN DAVID J. SANFORD, USAF COMMANDER DLA TROOP SUPPORT DLA AVIATION



RDML KRISTEN B. FABRY, USN COMMANDER DLA LAND AND MARITIME



BRIG GEN JIMMY COMMANDER DLA ENERGY



BGen KEITH D. R. CANLAS, USAF REVENTLOW, USMC COMMANDER



MICHAEL O. CANNON DIRECTOR DIA DISTRIBUTION DIA DISPOSITION SERVICES



ACTING DIRECTOR HUMAN RESOURCES



MAJ GEN ALLAN DAY USAF. DIRECTOR LOGISTICS **OPERATIONS** 



GEORGE DUCHAK DIRECTOR INFORMATION **OPERATIONS** (J6)



MATTHEW R. BEEBE DIRECTOR ACQUISITION



JOHN ARTHUR (ART) HAGLER DIRECTOR FINANCE (JE)



RADM GRAFTON D. CHASE JR., USN DIRECTOR JOINT RESERVE FORCE DLA INDO-PACIFIC



ADAMS, USN COMMANDER



COL HATTIE RICHARDSON, USA COMMANDER DLA CENTCOM & SOCOM



HOFFMAN, USA COMMANDER DLA EUROPE & AFRICA



MATTHEW F. PAUSCH GENERAL COUNSEL



WILLIAM A. RIGBY DIRECTOR OFFICE OF THE INSPECTOR GENERAL



DWIGHT D. DENEAL DIRECTOR SMALL BUSINESS PROGRAMS



GORDON "BUZZ" HACKETT DIRECTOR INSTALLATION MANAGEMENT



CH (COL) Christopher G. Archer, USA COMMAND CHAPLAIN



STEPHANIE SAMERGEDES DIRECTOR INTELLIGENCE



MARTA MCLELLAN ROSS DIRECTOR LEGISLATIVE AFFAIRS



JOSEPH YOSWA DIRECTOR PUBLIC AFFAIRS



JANICE SAMUEL DIRECTOR EQUAL OPPORTUNITY

(DO)



ALEETA D. COLEMAN DIRECTOR EMPLOYMENT TRANSFORMATION



# **End-to-End Global Supply Chain Management**

- \$40.7B in Revenue
- \$15B in Small Business
- \$7.5B in support to Whole of Government
- \$1.1B in Foreign Military Sales

- ~100% Military Services' Consumables
   \$150B Active Contracts Managed
- Over 11K Suppliers
- 9K Awards per day
- Manage over 6M line items

- 27K Workforce, 2K Forward Positioned
- Executive Agent for Bulk Fuel, Medical Materiel, Subsistence, Construction & **Barrier Materiel**

### SIX MAJOR SUBORDINATE COMMANDS/BUSINESS UNITS

### TROOP SUPPORT

#### PHILADELPHIA, PA



- **Global Supply Chains:** Subsistence, Clothing & Textiles, Construction & Equipment, Medical, and Industrial Hardware
- \$19.1B Revenue
- 51K+ Customers
- 3 Locations

### LAND AND MARITIME

#### COLUMBUS, OH



Repair parts for ground-based and maritime systems

- \$4.0B Revenue
- 13K+ Customers
- 2K weapon systems
- 8 Locations

#### **AVIATION**

#### RICHMOND, VA



Repair parts for aviation systems, nuclear systems, maps and Industrial **Plant Equipment** 

- \$4.9B Revenue
- 13K+ Customers
- · 2K weapon systems
- 19 Locations

#### **ENERGY**

#### FORT BELVOIR, VA



Global fuel and comprehensive energy solutions

- \$10.6B Revenue
- 4K+ Customers
- 602 Fuel Locations

#### **DISTRIBUTION**

#### **NEW CUMBERLAND, PA**



Global storage and distribution solutions

- \$987M in Revenue
- 243K+ Customers
- \$105B in Inventory
- 43 Locations

### **DISPOSITION SERVICES**

### **BATTLE CREEK, MI**



Global solutions for disposal of excess property

- \$352M Revenue
- 31K+ Customers
- · Reutilization: \$2.5B
- 89 Locations

DISPOSE

BUY

DISTRIBUTE

### **DEFENSE LOGISTICS AGENCY**



**PEOPLE EMBEDDED** 

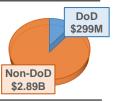


- DEFENSE HEALTH AGENCY VACCINE ALLOCATION AND DISTRIBUTION
- FEDERAL EMERGENCY MANAGEMENT AGENCY NATIONAL LOGISTICS RESPONSE
- VACCINE OPERATIONS NATIONAL VACCINE RESPONSE

28,232 = \$3.19B

CONTRACT ACTIONS

IN OBLIGATIONS\*









\$13.3M STRATEGIC SURGE TESTING **STOCKPILE** SITE SUPPORT

\$93M **CLOTH MASK** INITIATIVE

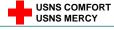
### **CRITICAL PARTNERSHIPS**

**FEMA / HHS** 

\$3.6B MISSION ASSIGNMENTS



\$158M SERVICE **DEPLOYABLE HOSPITALS** 



\$16.2M IN SUPPORT

**US Coast Guard** 



### REUTILIZATION

\$44.9M Reutilized

- **529K** MASKS
- 69 VENTILATORS
- 636K GLOVES
- 11K GOWNS



### **VACCINE DISTRIBUTION**



206,700 VACCINE DOSES **D**ELIVERED



2,067 **ANCILLARY KITS DFI IVERED** 



77 MILITARY TREATMENT **FACILITIES SUPPORTED** 



COUNTRIES DELIVERED TO IN SUPPORT OF **DOD PERSONNEL** 

### **RAPID ANTIGEN TEST KITS**

Schools, Universities, Nursing Homes, Hot Spots, Vaccination Sites, Critical Personnel

31

\$1.2B CONTRACT **178M** KITS **14,525** LOCATIONS

### **TOTAL PROCURED CRITICAL MEDICAL AND** PERSONAL PROTECTIVE EQUIPMENT\*



208.7M **TEST KITS AND CONSUMABLES** 





**64.9M** N95 RESPIRATORS



2.4M HAND SANITIZERS





153.9M





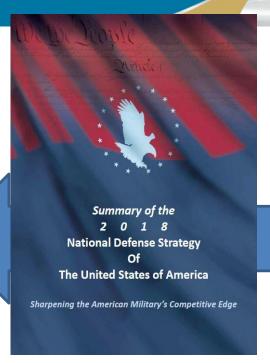
\*Deliveries ongoing; receipts vary

AS OF MARCH 9, 2021

DLA COVID-19 Task Force







### Three Lines of Effort

- Lethality
- Strengthen Alliances
- Greater Performance and Affordability

## Strategic Alignment



### Five Lines of Effort

- Warfighter First
- Global Posture
- Strong Partnerships
- Whole of Government
- Always Accountable

# **DLA Office of Small Business Programs**



### Four Focus Areas

- Readiness
- Resiliency
- Relationships
- Refinement





# **Small Business Engagement**

"Surveying Small Business Industrial Base Readiness; to Enable Defense Supplier Diversity"

Small Business Focused Interaction & Outreach



Data-Driven
Small Business
Market
Intelligence



Small Business Procurement Advocacy





Innovation in Defense Supply Chain & Manufacturing



Small Business Supply Chain Resiliency









## **DLA R&D Overview**

### **OUR MISSION**

Develop and deliver new capabilities through applied technologies and innovative solutions to enhance warfighter sustainment

Resolve



### Improve Warfighter Support:

- Address military needs, internal business processes, and industrial base manufacturing problems
- Identify and maturing advanced technology demonstrations and evaluations of system prototypes in a simulated environment



### Relevant



- Reduce technical and business risk of adopting emerging technology through a simulated environment
- Manage R&D projects supporting the DLA Enterprise and the Military Services
- Focus on efforts with measurable benefits and return on investment

### **OUR VISION**

Premier Innovators for Global Warfighter
Mission Readiness

Research



### **Three Program Elements (PE):**

- Logistics Research and Development Technology (Log R&D)
- Manufacturing Technology Program (ManTech)
- Small Business Innovation Programs (SBIP)

### **DLA TECHNOLOGY ACCELERATOR**

Rapidly delivers prototype capabilities with design and discovery techniques rather than requirements-based concepts

#### STRATEGIC TECHNOLOGY TEAM

Explores and leverages technologies to provide new capabilities to enhance the user computing experience across the agency



# R&D at a Glance



7 ManTech Program Managers



- 2 SBIR Program Managers
- 2 Technology Accelerators
- 2 Strategic Tech Team
- 4 PMO Leadership

**@** 

**R&D TEAM** 

• 3 Program Analysts



300+ Projects across 13 Programs

230 Contracting Actions/\$110M (FY 20) 200+ Projection for FY21

41 Charters

46 Support Agreements

620 Director/Stakeholder Outreach Activities in FY 20

600+ Industry Collider Day Participants

- Congressional Adds
- Federal Partnership Investments



- Industry
- Small Business
- Academia

100+ PARTNERS

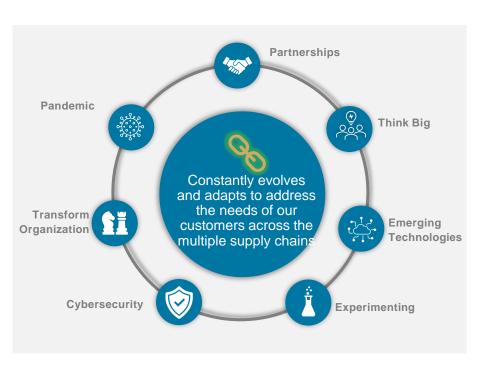


\$41M





# **Accelerating Innovation**



### R&D Responses to COVID-19



AA Plasma disinfection systems that use pulsed plasma treatment to disinfect PPE equipment in five minutes





# **Small Business Innovation Program**



### **DLA Manufacturing Technology**

Supports technical innovation in the DLA industrial base to improve the operational performance of key supply chains

### FY21 Projected Budget: \$66.63 M Investment Portfolio Areas:

- Advanced Microcircuit Emulation (AME)
- Battery Network (BATTNET)
- Casting PRO-ACT (CASTING)
- Forging PRO-FAST (FORGING)
- Military Unique Sustainment Technology (MUST)
- Subsistence Network (SUBNET)
- Defense Logistics Information Research (DLIR)
- Additive Manufacturing (AM)



### **DLA Logistics R&D**

Pioneers advanced logistics concepts and business processes that use commercial best practices; develops and demonstrates high payoff technologies that can provide improved performance at lower costs

### FY21 Projected Budget: \$9.88 M Investment Portfolio Areas:

- Weapon Systems Sustainment (WSS)
- Strategic Distribution & Disposition (SDD)
- Supply Chain Management (SCM)
- Energy Readiness Program (ERP)



# **Small Business Innovation Program**

Small Business Innovation Research (SBIR), Small Business Technology Transfer (STTR), Rapid Innovation Fund (RIF)

FY 21 3.6% tax + \$20-30M Projected OSD Funds, 60+ Small Business Projects

Through competitive awards-based programs, SBIP funds small business to develop state-of-the-art, innovative solutions to mission-critical

- Nuclear Modernization
- Supply Chain Innovation
- Force Readiness & Lethality
- Supply Chain Risk Reduction





# Small Business Innovation Research (SBIR)

# NUCLEAR ENTERPRISE MODERNIZATION

Maintain nuclear systems readiness • Qualify alternate sources of supply • Improve quality of consumable parts • Increase materiel availability

AREAS OF INTEREST: Value Engineering, Reverse Engineering, Domestic Small Business Manufacturing, Industrial and Weapon System Innovation

#### **FEATURED EFFORTS & WEAPONS SYSTEMS PRIORITIES**









### **FORCE READINESS & LETHALITY**

Improve life cycle performance through technological advancement, innovation and reengineering • Mitigate single points-of-failure that threaten the readiness of weapons systems used by our Warfighters

AREAS OF INTEREST: Re-engineering, Value Engineering, Advanced Manufacturing, Performance Improvement, Weapon System Innovation

#### FEATURED EFFORTS









### **SUPPLY CHAIN INNOVATION**

Improve lead times • Reduce lifecycle costs • Maintain a secure and resilient supply chain • Provide opportunities for small business industrial base to enhance supply chain operations with technological innovations.

AREAS OF INTEREST: Additive / Advanced Manufacturing Technologies, Sensor Technologies, Block Chain, Covid-19, Distribution, Virtual Reality, Warehouse Robotics

### SUPPLY CHAIN RISK REDUCTION

**Secure** the microelectronics supply chain • **Develop** a domestic supply of rare earth elements • **Adopt** industrial base best practices associated with counterfeit risk reduction

AREAS OF INTEREST: Track & Trace Technologies, Domestic Sources of Strategic Materials, Rare Earth Separations and Recycling Technologies, Anti-Counterfeit / Anti- Tamper Technologies

FEATURED EFFORTS

#### **FEATURED EFFORTS**















J68 R&D Rainmaker: 80 Plus Small Business Projects: \$4.6M DLA and \$34.9M OSD Investment Over \$39.5M leveraged and invested to Grow DLA's Industrial Base in 2020





# NUCLEAR ENTERPRISE SMALL BUSINESS IMPACT

### **DLA's Oldest MICAP**

ICBM RF Coaxial Cable: Reduced lead time from 5 years to less than 6 months by qualifying COTS cable



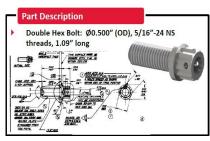




## **Declining OEM Support**

**B52 TF33 Pratt & Whitney Engine:** Qualifying over 100 engine NSNs through small business





## **#1 Nuclear Enterprise Priority**

Air Launched Cruise Missile (ALCM): Replaced Williams International as the sole source of supply







## **Diminishing Sources of Supply**

**SSBN NSNs:** Developing new source of supply to replace McNab through small business









# Broad Agency Announcements (BAA) Opportunities

# **SBIR 20.3 STTR 20.C**

Requirement Planning 7/22/20

Pre-Release 8/25/20

Open 9/23/20

Close 10/22/20

Evaluations 1/20/21

Awards (NLT) 4/20/21

### SBIR 21.1 STTR 21.A

Requirement Planning 10/20/20

Pre-Release 12/8/20

Open 1/14/21

Close 2/18/21

Evaluations 5/18/21

Awards (NLT) 8/18/21

# **SBIR** 21.2 **STTR** 21.**B**

Requirement Planning 3/20/21

Pre-Release 4/21/21

Open 5/19/21

Close 6/17/21

Evaluations 9/17/21

Awards (NLT) 12/17/21

### SBIR 21.3 STTR 21.C (Tent)

Requirement Planning 7/24/21

Pre-Release 8/25/21

Open 9/23/21

Close 10/22/21

Evaluations 1/22/22

Awards (NLT) 4/22/22

For Topics visit: <a href="https://sbir.defensebusiness.org/">https://sbir.defensebusiness.org/</a>



## DLA Key Resources for Small Businesses

Office of Small Business Programs (OSBP)

DLA OSBP Email: <u>DLAHQSmallBusiness@dla.mil</u>

**DLA OSBP Phone Number: 571-767-0192** 

**DLA OSBP Team:** https://www.dla.mil/SmallBusiness/Contact/



DLA Innovation Research: https://www.dla.mil/SmallBusiness/SmallBusinessInnovationPrograms/

**Monthly Outreach Sessions:** Our monthly virtual outreach efforts are focused on improving points of entry, recruiting viable participants in our supply chains or service centers and diversifying our vendor base to meet our goals for the small business program.

The program is designed to attract and enable small businesses to address manufacturing and industrial base challenges, with focus on increasing the number of unique small businesses participating in DLA acquisitions.

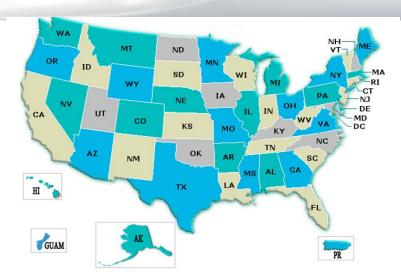
For additional information, please visit:

https://www.dla.mil/SmallBusiness/



# Procurement Technical Assistance Program

- The PTAP is operated and managed by the DLA Office of Small Business Programs and under the program, on behalf of DoD, DLA OSBP issues cooperative agreements to establish Procurement Technical Assistance Centers (PTAC)- a nationwide network of community-based centers.
- The PTACs helps generate new procurement suppliers for the DoD and federal agencies, resulting in a stronger industrial base, greater competition, and higher-quality goods at lower cost for the taxpayer.



### . How PTACs Support:

- Training related to contracts and procurement opportunities with DoD, other federal agencies, state and local govts
- Identify prime & subcontracting opportunities
- Understanding procurement procedures, requirements, rules, statutes, clauses and regulations
- Assisting with various procurement registrations processes SAM, DSBS, DIBBS, NSN.
- Assisting with potential suppliers preparing and submitting bids & proposals
- Facilitating government stakeholder introductions

### To Locate Your Local PTAC Visit:

https://www.dla.mil/SmallBusiness/PTAP/PTAC/



