



U.S. ARMY



# 2020 TACTICAL WHEELED VEHICLE CONFERENCE

## TANK-AUTOMOTIVE & ARMAMENTS COMMAND OVERVIEW

MARION WHICKER, EXECUTIVE DIRECTOR, INTEGRATED LOGISTICS SUPPORT CENTER





# ENTERPRISE SUPPORT TO THE WARFIGHTER

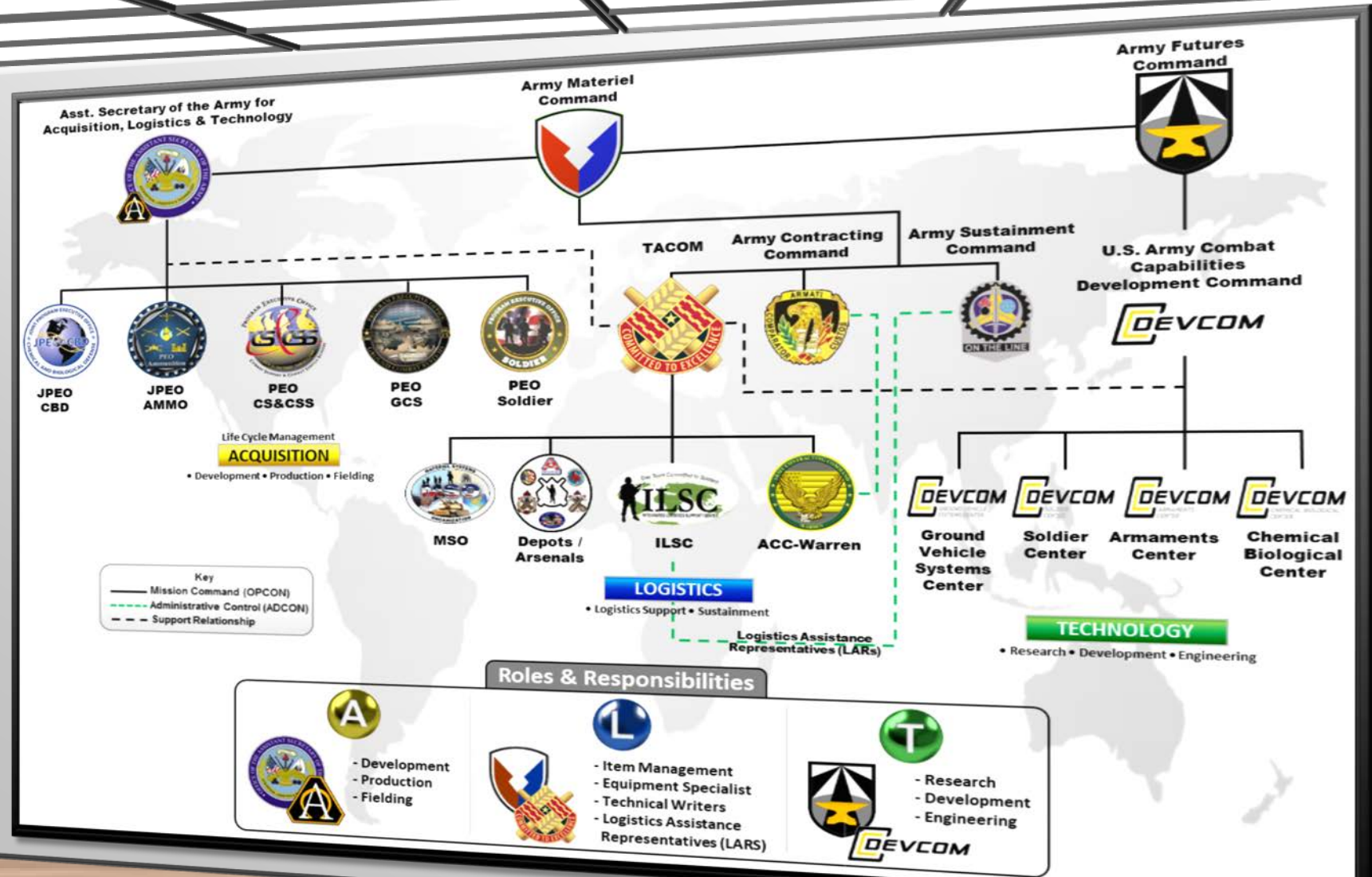


## MISSION

Develop and Deliver  
Readiness for ground and  
support systems globally

## VISION

Be the Army's preeminent ground and  
support system provider, fully  
integrated as part of the Army's  
Materiel Integrator, AMC. Understand  
Army operational requirements,  
synchronize our capabilities and  
resources to develop and deliver  
flexible and responsive support that  
enables Army readiness





# EQUIPPING OUR SOLDIERS



## CORE COMPETENCIES

**A** **ACQUISITION**

Lifecycle Management  
Development • Production • Fielding

**L** **LOGISTICS**

Logistics Support • Sustainment

**T** **TECHNOLOGY**

Research • Development • Engineering

## The Magnitude



- Combat Vehicles
- ✓ Tactical Vehicles
- ✓ Mine Resistant Ambush Protected
- Armored Security Vehicle
- ✓ Route Clearing Vehicle
- Howitzers
- Rifles / Machine Guns
- Large Caliber Guns
- Mortars
- ✓ Fuel & Water Distribution Equipment

## \*Product Lines

- Rapid Fielding Initiative (RFI)
- ✓ Robotics
- Aircraft Armaments
- Soldier Uniforms & Equipment
- Force Providers
- ✓ Materiel Handling Equipment
- Chemical Defense Equipment

- ✓ Trailers
  - ✓ Watercraft
  - Rail
  - ✓ Construction Equipment
  - ✓ Commercial Vehicles
  - Fuel & Lubricant Containers
  - ✓ Sets, Kits & Outfits
  - ✓ Shop Equipment
  - ✓ Tactical Bridges
- (\* Not all inclusive)





# STRENGTH OF THE INDUSTRIAL BASE



READINESS



Commercial



Organic  
Industrial Base



Public  
Private  
Partnership

P3

Additional opportunities  
through increased visibility



Statute for at least  
50% organic capability

Core • Critical Manufacturing Capabilities • Complementary Capabilities • Best Value

Factors: Size, Capabilities, Capacity, Balance, Investments, Affordability

## Depot and Arsenal Key Capabilities /Capacity

### Red River Army Depot (RRAD)

Capacity exists for current production lines:

- HMMWV, MRAP, Trailers, FMTV, PLS, HET, HEMTT, and Heavy Tactical Vehicles.
- Engines, Transmissions, Wheels, Axles and Fire Suppression Systems Overhaul
- Secondary item Overhaul
- Material Handling Equipment, Construction Equipment, and Bridging Remanufacture

### Rock Island Arsenal-Joint Manufacturing and Technology Center (RIA-JMTC)

- HMMWV Ambulance
- Founding, Forging, Machining

### Sierra Army Depot (SIAD)

- Fuel & Water Systems
- Retrograde of Material & Redistribution of Serviceable Assets
- End of First Life Center - Long Term Storage & Management of Major End Items
- Trailers



# TACOM ARSENALS AND DEPOTS

The Army's Organic Industrial Base: A National Security Readiness Insurance Policy

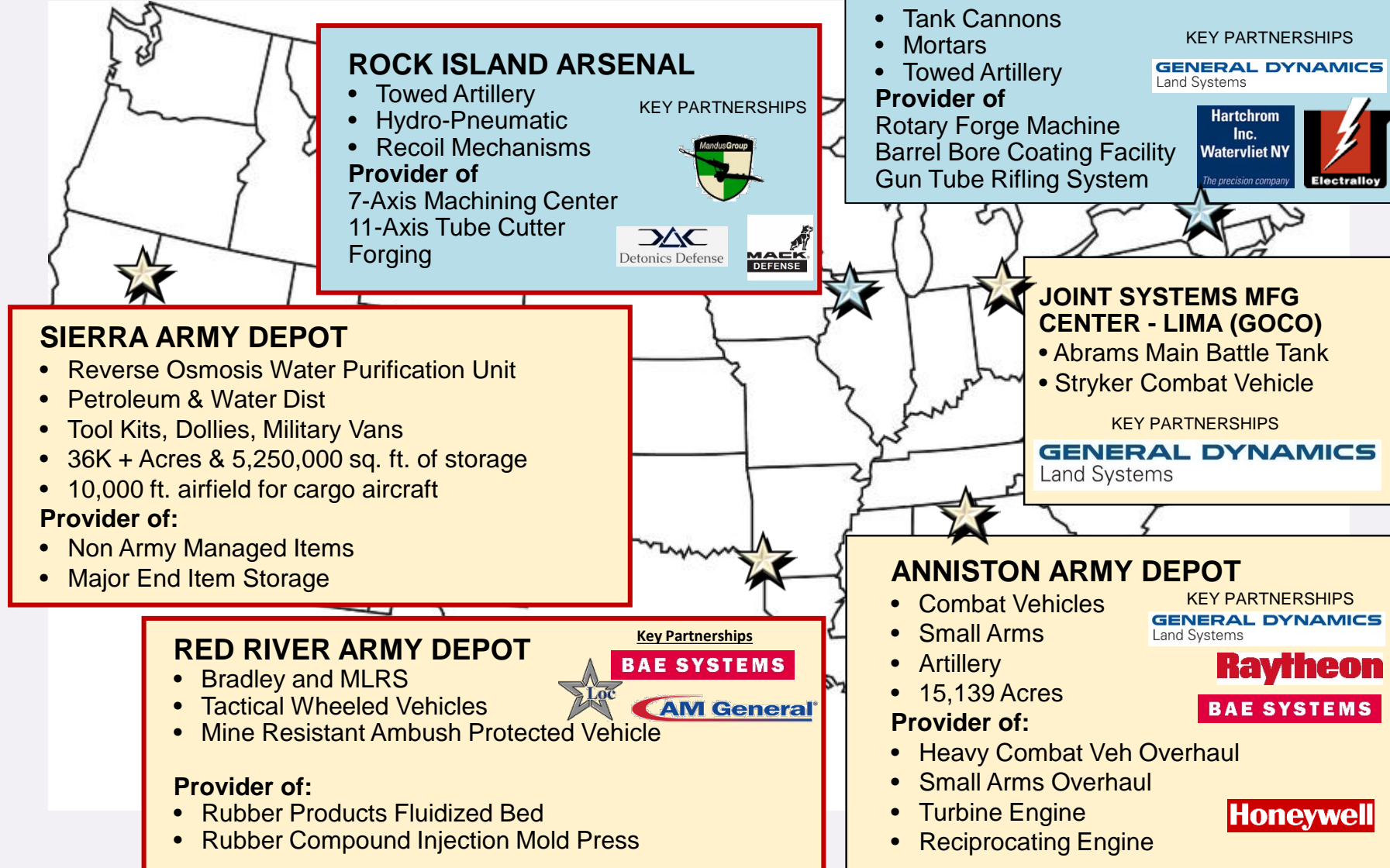


## DEPOTS

- Remanufacturing
- Complete End Item Overhaul
- Component Overhaul
- Other Military Service Work
- Other Government Work
- Public-Private Partnerships (P3) on-site
  - ✓ Manufacturing
  - ✓ Maintenance
- Fabrication of Commercially Unavailable Components and Parts
  - ✓ Reverse Engineering
  - ✓ Flexible Light Manufacturing
- Depot Field Teams In-Theater

## ARSENALS

- Complete Manufacturing Plant
- Unique Capabilities:
  - ✓ New Weapons Prototyping
  - ✓ End Item Production
  - ✓ Spare/Repair Parts Production
- Two Types of Arsenals:
  - ✓ Hard Iron (Watervliet, Rock Island Arsenal)
  - ✓ Chemical (Pine Bluff)





# DELIVERING READINESS FOR THE TACTICAL WHEELED VEHICLE FLEET



## Red River Army Depot (RRAD) Center of Industrial and Technical Excellence Tactical Wheeled Vehicles

### CAPABILITIES

- Inspection & Testing
  - Engines & Transmission
  - Powertrain Repair and Overhaul
- 
- Axles, Final Drives, Drive Train and Transfer Cases
- 
- Reset/RECAP
  - Component Repair
- 
- Ballistic Armor Welding
- 
- Dynamometer Testing
  - Radiators & Coolant Systems
  - Heat/Air Conditioning
- 
- Fabrication of Armor Components
  - Forward Fielding and Repair Support
  - Electronic Wiring Harnesses



Engines/ XMSN



FMTV



HEMTT



HET



HIMARS



HMMWV



HMMWV Ambulance



Line Haul Truck



M1076 PLS Trailer



MaxxPro



MATV Army



USMC MATV



MTVR



MRAP Egress Trainer



PLS



RTCH



Trailers



5 Ton Truck



ASV



Cougars



Crane



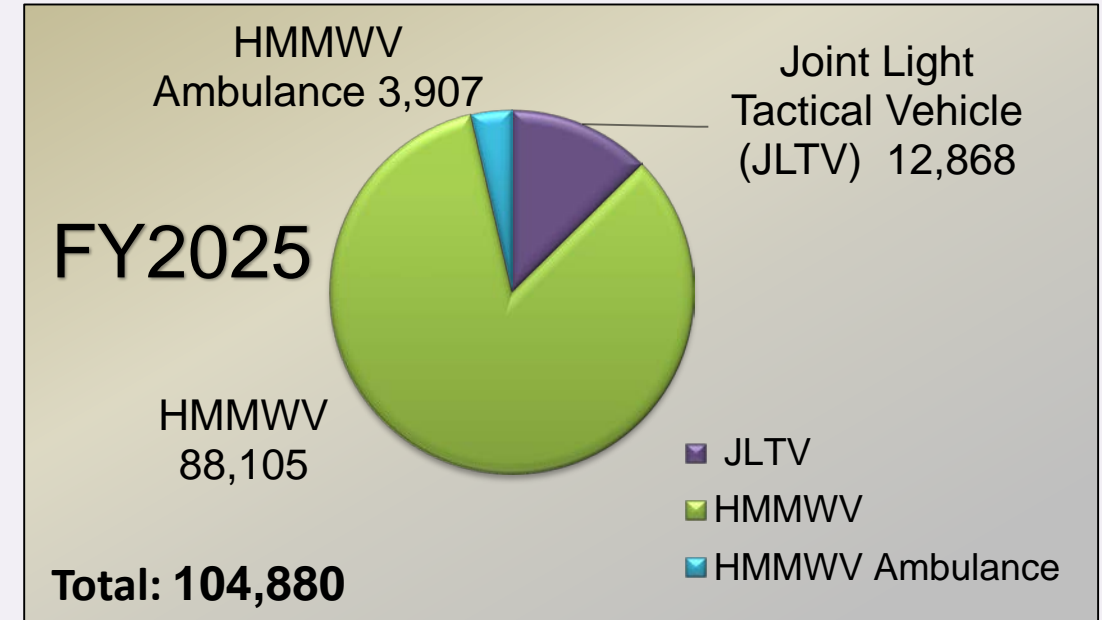
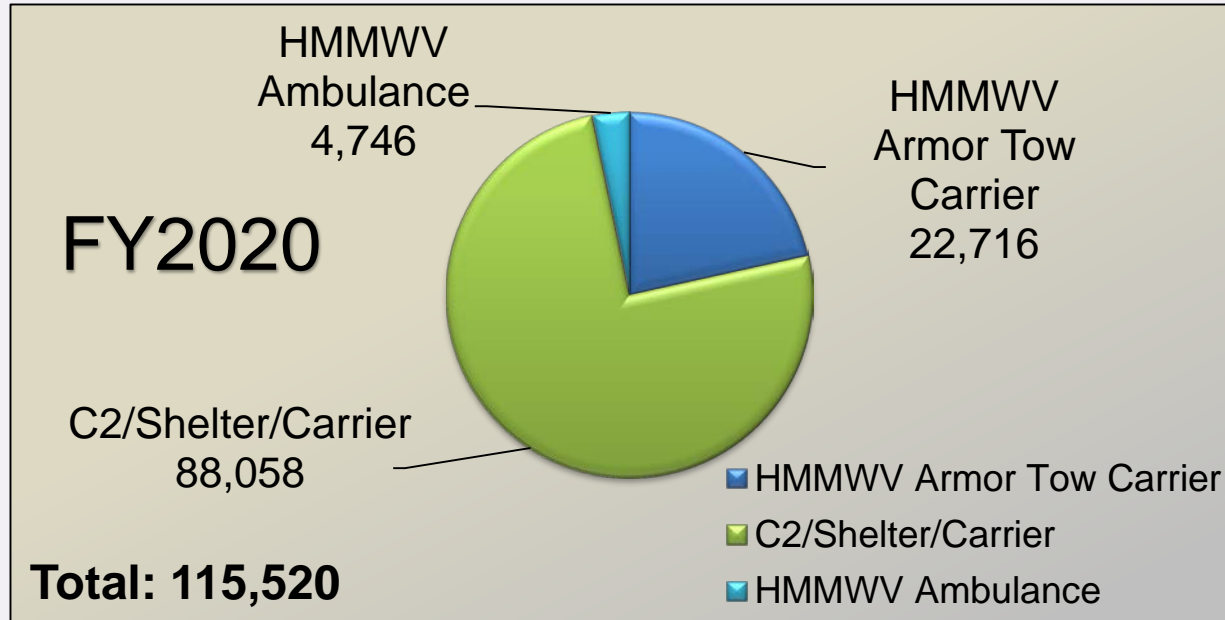
Engineering Equipment



# FLEET MANAGEMENT SUSTAINMENT CHALLENGES



## Light Tactical Vehicles



### Army Fleet Management Constraints:

- System Life Cycle
- Investment Decisions (Pure Fleet?)
- Maintaining the Fleet
- Effective Useful Life (EUL) /Divestiture

### Opportunities:

- Sustainment now and future
- Spare and Repair Parts Provider
- Obsolescence
- Modification Work Order (MWO)
- Public Private Partnerships (P3)



# TEAMING / PARTNERING OPPORTUNITIES



## Successes

- Red River Army Depot /AM General/Partnership Overhaul of M1152A1 and M1165A1 Up-Armored HMMWVs
- Red River Army Depot /AM General/Partnership Conversion of M1151A1's to the M1167 TOW Variant
- Watervliet Arsenal partnership with Electralloy

## Public Private Partnership Opportunities

Rock Island Arsenal, Joint Manufacturing and Technology Center (RIA-JMTC) / AM General Partnership anticipated HMMWV Ambulance M997A3 production

## FMTV Reset

Red River Army Depot Supply Chain Management services rebuy under TACOM Strategic Services Solutions contract (TS3)

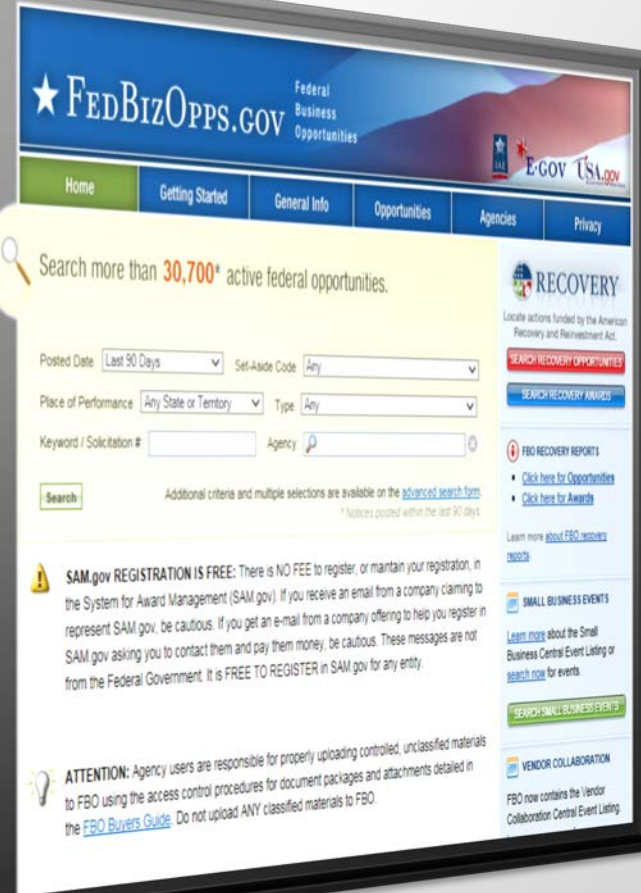
## Army Watercraft

Logistics Support, TACOM LCMC/Defense Logistics Agency collaboration leveraging the Special Operational Equipment Tailored Logistics Support Programs





# DOING BUSINESS WITH THE FEDERAL GOVERNMENT



1. Register with Dun & Bradstreet (D&B) at <http://fedgov.dnb.com/webform> to obtain a Data Universal Numbering System (DUNS) number. A DUNS number is a unique numeric identifier assigned to a single business entity.
2. Register in the **System for Award Management (SAM)**, [www.sam.gov](http://www.sam.gov) in order to receive a Contractor and Government Entity Code (CAGE) required to be eligible for a prime contract. You must have a tax identification number to register.
3. Search for Active Federal Opportunities FedBizOpps.gov at Federal Business Opportunities like the ones in this presentation at <http://www.fbo.gov>.
4. Bid on Federal Opportunities at [https://www.fbo.gov/downloads/FBO\\_Vendor\\_Guide.pdf](https://www.fbo.gov/downloads/FBO_Vendor_Guide.pdf)



# POINTS OF CONTACT FOR ASSISTANCE



## Subcontracting Opportunities

Small Business Administration  
(SBA) Sub-Net -  
[www.sba.gov/subnet](http://www.sba.gov/subnet)

DoD Subcontracting Directory -  
[www.acq.osd.mil/osbp/doing\\_business/](http://www.acq.osd.mil/osbp/doing_business/)

DoD Prime Contract Descriptions -  
[www.defense.gov/contracts](http://www.defense.gov/contracts)



## TACOM LCMC Headquarters

### **Army Contracting Command-Warren**

Phone: (586) 282-7027  
<http://acc.army.mil/contractingcenters/acc-wrn/index.html>  
Email: [usarmy.detroit.acc.mbx.wrn-xo@mail.mil](mailto:usarmy.detroit.acc.mbx.wrn-xo@mail.mil)

### **TACOM Office of Small Business Programs**

Phone: (586) 282-5388  
Email: [usarmy.detroit.tacom.mbx.lcmc-osbp@mail.mil](mailto:usarmy.detroit.tacom.mbx.lcmc-osbp@mail.mil)

### **TACOM LCMC Competition Management Office**

Future and Potential Buys/Source Approval Program  
Phone: (586) 282-5207  
Email: [usarmy.detroit.tacom.mbx.lcmc-competition-management-office@mail.mil](mailto:usarmy.detroit.tacom.mbx.lcmc-competition-management-office@mail.mil)

## TACOM LCMC Depots and Arsenal

### **Anniston Army Depot (ANAD)**

Phone: (256) 235-6512  
<http://www.anad.army.mil/>

### **Red River Army Depot (RRAD)**

Phone: (903) 334-5046  
<https://www.redriver.army.mil/>

### **Sierra Army Depot (SIAD)**

Phone: (530) 827-5153/4888  
<http://www.sierra.army.mil/Public/>

### **Rock Island Arsenal-Joint Mfg and Technology Center**

(RIA JMTC)  
Phone: (309) 782-0595  
<https://ria-jmtr.ria.army.mil/>

### **Watervliet Arsenal (WVA)**

Phone: (518) 266-4005  
<http://www.wva.army.mil/>

## Procurement Technical Assistance Centers (PTAC)

To contact a PTAC outside of Michigan, please visit: [www.aptac-us.org/](http://www.aptac-us.org/)





# Questions