

# Army Airborne ISR Portfolio

**PdM MARSS**  
(Medium Altitude Reconnaissance & Surveillance System)



**PD ARL**  
(Airborne Reconnaissance Low)



**PdM SURW**  
(Sensors-Unmanned & Rotary Wing)



**PdM EO/IR**  
(Electro-Optic/Infrared) Payloads



Emitter Detection/  
Location

Situational  
Awareness

Quick Reaction  
Capabilities

Processing, Exploitation  
and Dissemination (PED)

Cooperative  
Geolocating

Targeting  
Support

Theater Net-centric  
Geolocation  
Architecture

- **Deliver** the Army's premier AISR sensors enabling timely dissemination of intelligence products to meet current and future Warfighter needs
- **Engage** necessary stakeholders and mission partners across the Army Intelligence Community to enable critical reach Processing, Exploitation and Dissemination (PED) operations
- **Fulfill** urgent operational needs by quickly providing Warfighters the Quick Reaction Capabilities and Programs of Record needed to maintain battle space awareness and superiority

# AISR Modernization Sensor Needs

## Current State

- **Numerous Platforms and Sensors Evolved From CT / COIN Operations**
  - FMV / GEOINT Focus
  - COMINT vs. ELINT
  - Radar and Other Technologies Focused on Close Fight and DMTI Operations
  - Technology Focused on Commercial Threats
- **Planning for Obsolescence and Technology Maturation Driving Need for Investments in Sensor Upgrades and/or Technology Refresh**

## Future Focus

- **Balanced Approach That Provides Sensors that can operate effectively against Near-Peer Threats while we ensure our current suite of sensors remains relevant.**
- **Re-Address and Focus on ELINT and Conventional COMINT Capabilities Sensors and Platforms**
- **Use Altitude, Stand-Off and/or Stand-In as an Enabler to Look Deep (challenges with SWAP-C versus performance versus platform limitations)**
- **Focus on Stand off Operations and Long Range Sensing (SIGINT and Radar Sensors)**
- **Use Pilot Programs and Demonstrations to Better Understand Capabilities and Reduce Risk**
- **Leverage AI/ML to assists in timeliness for targeting**

# FY19/20 Contract Opportunities

**CONTRACT: SOCOM Tactical Airborne Multi-sensor Platforms (STAMP) Follow-On**

**ESTIMATED VALUE: \$350M - \$650M**

**CONTRACTING CONTACT: ACC-APG**

**SOLICITATION #: RS3-19-0005**

**ESTIMATED SOLICITATION RELEASE DATE: 4QFY19**

**PRIOR/CURRENT CONTRACT INFORMATION:**

**Contract Number: W15P7T-10-D-D420 KZ02**

*"The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services."*