

# ELECTRONIC SYSTEMS

## New Horizons 2025



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PEO, Electronic Systems  
12 March 25

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# Agenda



- Who are we
- Electronic Systems Scope, Mission and Vision
- Electronic Systems Senior Leaders
- Priorities
- Business Opportunities/Accomplishments
- Follow up from New Horizons 2024
- Key POCs

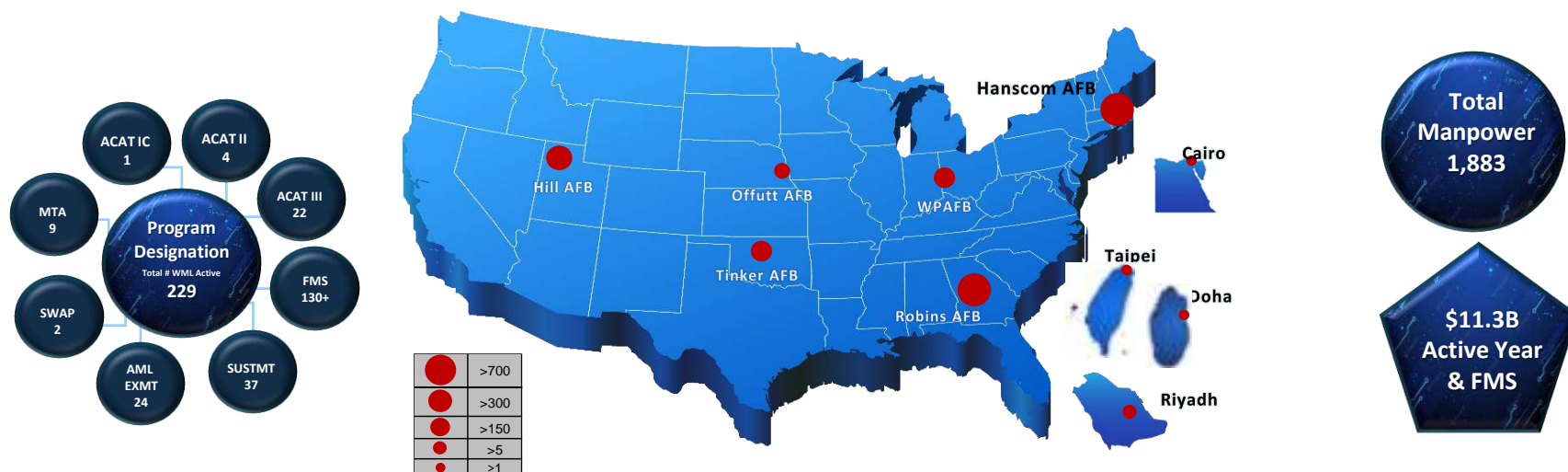
# Who are we?



Electronic Systems welcome video

# Electronic Systems Directorate

## Scope and Mission Areas



Aerospace  
Management Systems



Combat  
Avionics



Theater Battle  
Control



International  
C2 & Sensors



Force  
Protection



Electronic  
Warfare

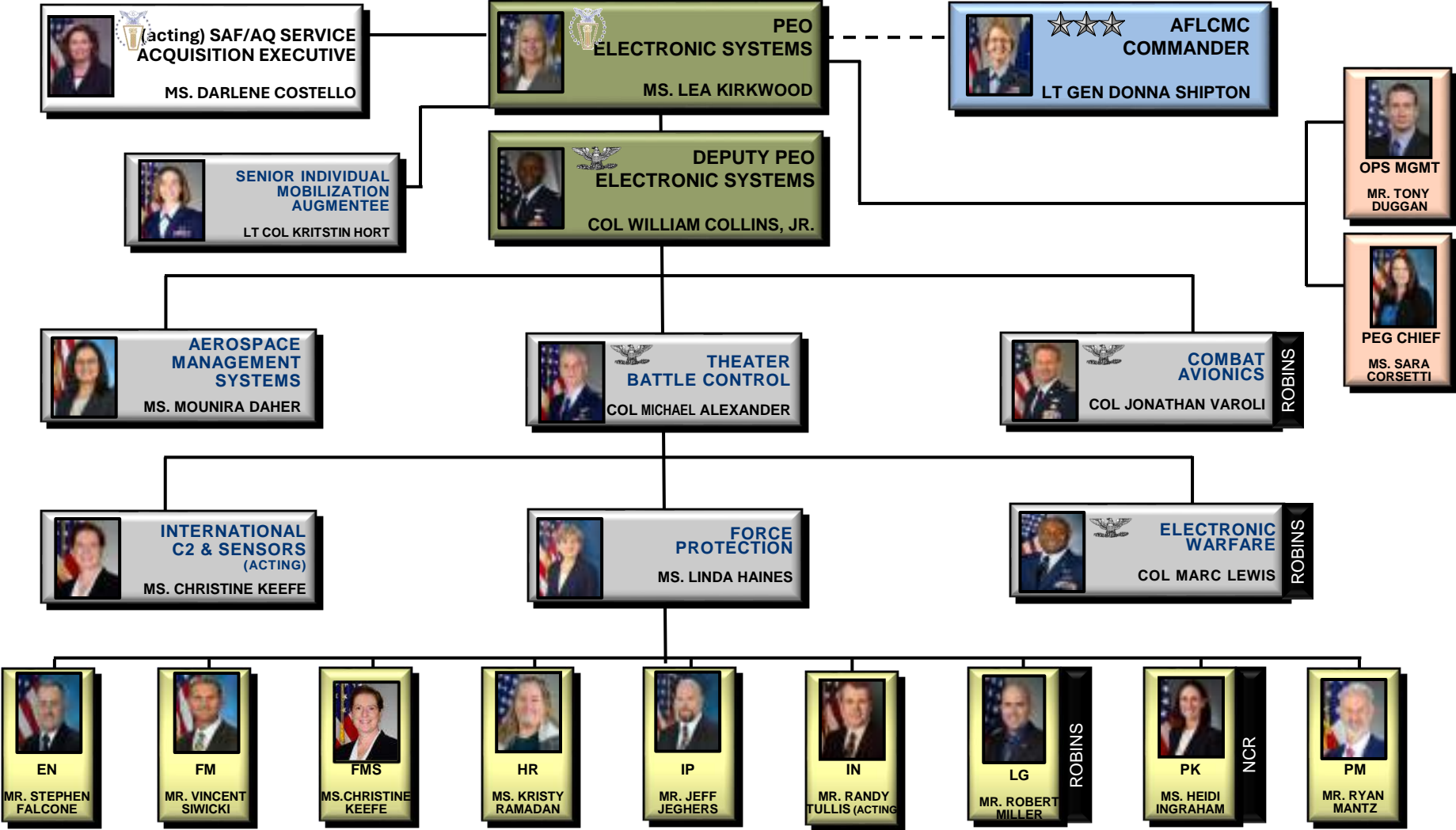
**Mission:** Deliver sensing capabilities to deter, defend, and win at home and abroad with our Joint Forces and Allies.

**Vision:** Electromagnetic spectrum dominance for decision advantage.



# PEO Electronic Systems

## Leadership Structure



# Electronic Systems

## Priorities



- Deliver Capability -- Deliver on commitments made to customers
- Strengthen Our Team -- Acquire and sharpen talent
- Revolutionize Our Processes -- Modernize our processes to meet the challenges of tomorrow
- Prepare for the Future -- Re-establishing deterrence



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# BUSINESS OPPORTUNITIES



Air Force Weather Enterprise



Sensors – ARSR4R-HI



Air Traffic Systems Enterprise

Provider of choice for cradle-to-grave, world-class **AIRSPACE ACCESS** and **WEATHER** capabilities enabling global mission effectiveness and safety from launch to recovery





- **Mobile Air Traffic Systems (MATs):**  
Successfully established Air Operations Accelerator (AO-X) test bed
- **Iraqi Instrument Landing System (ILS):**  
Conducted virtual Site Acceptance Test (SAT)
- **Tower & Radar Control Simulator:** Conducted training for Iraqi ATC operators

## Potential Opportunity

### *Air Traffic Control (ATC) Future Technology*



### Business Opportunity

- Low-cost commercial active electronically scanned array (AESA) radar solutions for wind turbine interference mitigation
- This capability will be fielded at locations where wind farms interfere with ATC

### Schedule

- Request for Proposal Release: Jun 25
- Contract Award: Aug 25
- Period of Performance: Aug 25 – Aug 27

### Contract Information

#### Anticipated Contract Strategy:

- ~\$3M contract value
- Competitive Source Selection

#### Anticipated Contract Types:

- Other Transaction Authority

POC: Captain Reagan Pittman  
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Embedded GPS INS Modernized, ECI-M

# Combat Avionics Division

## 2024 Accomplishments



- **EGI-M:** Achieved first flight test success, advancing to Tech Readiness Level 7
- **R-EGI:** Rapidly integrated and flight-tested alternate GPS vendor
- **SDUE:** Risk reduction effort successfully demonstrated new interface technology



- **DAGR** replacements: Competitively awarded, Multiple-Award, Indefinite Delivery, Indefinite Quantity (IDIQ) - RFP release 4QFY25, award FY26
- **Position, Navigation, and Timing (PNT) Ecosystem:** Competitively awarded, Multiple-Award IDIQ - RFP release 1QFY26, award FY27





**HBDB: Tactical C2**



**HBDD: Long Range Radars**



**HBDH: HF Global Comms**



**HB DG: Special Projects**



**HBDI: Homeland Surveillance**



**HBDZ: Agile C2**



# Theater Battle Control Division

## 2024 Accomplishments



- **WAS:** Achieved IOC for advanced sensor coverage of the NCR
- **3DELRR:** First ever open-air testing of Production Representative Unit
- **Archer:** Transitioned from TENCAP to Program of Record

# Theater Battle Control Division

## Potential Opportunity

### *Intrusion Detection System (IDS)*



### Business Opportunity

- IDS solution implementation on systems located in National Capital Region (NCR)
- Scope requires experience working with Special Access capabilities and information

### Schedule

- RFP Release: Mar 25
- Contract Award: Apr 25
- Period of Performance: Apr 25-Oct 25

### Contract Information

Anticipated Contract Strategy:

- ~ \$0.5M contract value
- Full & Open Competition

Anticipated Contract Types:

- FFP

POC: Lt Col Micheal Smith,  
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# International C2 & Sensors Division

## 2024 Accomplishments

- **Egypt Mobile Surveillance Sensor System (MS3):** successfully completed several follow-on Integrated Fixed Tower site surveys, Acceptance Test of 2 IFT Kits, and turnover of 2 Surveillance Systems to the Egyptian Border Guard.
- **Qatar Early Warning Radar (QEWR):** authorized \$60M+ budget and issued a Letter of Request for a Follow-on Sustainment LOA for continued support through May 2027.
- **Advanced Target Development (ATD):** successfully upgraded, delivered, installed, and provided training on the Digital Imagery Exploitation Engine v2.3.1 Targeting Tool software to both Indonesia and Ukraine, enhancing their targeting capabilities.



# Potential Opportunity

## *Royal Jordanian Air Force C3 Modernization (BLACK IRIS)*



### Schedule

- RFP Release: Dec 25
- Contract Award: May 26
- Period of Performance: May 26 – Jan 28

### Business Opportunity

- Air Defense Modernization: Enhance Jordan's air & missile defense capabilities
- US-Jordan Integration: Integrate with US military systems for improved interoperability
- RJAF Facility Upgrades: Modernize RJAF facilities with advanced C3 systems
- Comm Pathways: Provide integrated air and missile defense command and control communications
- Cyber/Network: Ensure robust cybersecurity & network solutions

### Contract Information

#### **Anticipated Contract Strategy:**

- Full and Open Competition
- \$73M
- Building Partner Capacity (BPC): TBD

#### **Anticipated Contract Types:**

- FFP, CPFF, T&M

#### **Points of Contact:**

Dr. Leigha E. Peterson, [leigha.peterson@us.af.mil](mailto:leigha.peterson@us.af.mil)



# Force Protection Division 2024 Accomplishments



- **Counter Small Unmanned Aircraft Systems (C-sUAS):**  
Deployed C-sUAS support for the Presidential Inauguration, State of the Union, and multiple base UAS threats
- **Defender Multi-domain Situational Awareness Tool (DMSAT):** Delivered 117 devices & trained over 800 Security Forces personnel providing PACAF with handheld security awareness/response tools
- **Integrated Base Defense Surveillance Systems (IBDSS):**  
Successfully installed IBDSS capabilities at two USAFE bases, delivering modernized Defender security platforms

# Force Protection Division Potential Opportunity

*Kingdom of Saudi Arabia Ministry of Defense Installation Project*



## Business Opportunity

- Adding Intrusion Detection System (IDS) to multiple controlled by the Royal Saudi Navy Force (RSNF) and Royal Saudi Air Force (RSAF).

## Schedule

- RFP Release: Mar 25 – Apr 25
- Contract Award: Apr 25 – May 25
- Period of Performance: Apr 25 – Mar 27

## Contract Information

Anticipated Contract Strategy:

- ~ \$17M contract value
- Fair Opportunity Competitive
- Potentially utilizing GSA multi-award schedule instead of FPS4

Anticipated Contract Types:

- FFP

POC: Ms. Linda Haines, (781) 225-6733



# Potential Opportunity

*Kingdom of Saudi Arabia Electronic Security System Monitor (ESSM)*

*Follow-On Contract*



## Schedule

- Draft RFP Release: Apr 25
- RFP Release: Jul 25
- Contract Award: Sep 25
- Period of Performance: Sep 25 – Sep 30

## Business Opportunity

- Provide Intrusion Detection System (IDS) sustainment and monitoring support at multiple locations.
- Install and test IDS and future designated Saudi Ministry of Defense locations requiring Critically Controlled Assets and Standoff Weapons secure storage.

## Contract Information

Anticipated Contract Strategy:

- ~\$30M contract value
- Fair Opportunity Competitive
- Plan to utilize GSA multiple award schedule

Anticipated Contract Types:

- FFP, CPFF, T&M

POC: Ms. Linda Haines, (781) 225-6733





# Electronic Warfare Division

## 2024 Accomplishments



- **Angry Kitten Combat System** Middle Tier Acquisition Completion
- **ALQ-131 and Advanced Integrated Defensive Electronic Warfare System ( AIDEWS)** User Conference
- **Large Aircraft Infrared Countermeasures (LAIRCM)** multi-year Indefinite Delivery/Indefinite Quantity contract award



- **Crowd Source Flight Data (CSFD)**
- **Combat Rescue Helicopter Program (CRH)  
self protection system**
- **System-of-Systems Technology Integration  
Tool Chain for Heterogeneous Electronic  
Systems (STITCHES)**
- **Radio Frequency Countermeasure (RFCM)**

# Electronic Systems

## Contract Approach



- Historical data
  - What have we procured?
  - What vehicle did we use?
- Considerations
  - Are we required by law or regulation to use a vehicle or approach?
  - Does an enterprise vehicle already exist?
  - What resources are available to create a new contract from scratch?
  - How well does the vehicle match Gov't need in terms of requirement and flexibility?



# Follow up from NH 2024

Description	Status	FY2025			
		1 <sup>ST</sup> Quarter OCT-DEC	2nd Quarter JAN-MAR	3 <sup>rd</sup> Quarter APR-JUN	4 <sup>th</sup> Quarter JUL-SEP
ARSR4R-HI Phase I	MTA award pending	◆ RFP	◆ Award		
AFCENT ORS	FOPR award pending				◆ RFP ◆ Award
AFAFRICA ORS	FOPR award pending		◆ Award		
SAUDI IDS	GSA MAS				◆ RFP ◆ Award
WAS CONTRACTOR LOGISTIC SUPPORT	Competition pushed to FY'27				
WAS CROSS DOMAIN SOLUTION	Canceled				
WAS INTRUSION DETECTION SOLUTION	ON HOLD				
TACTICAL SECURITY SYSTEM	SBIR III award pending			◆ Award	
GLOBAL ASNT	ON HOLD				



# Electronic Systems Directorate

## Key POCs



Name	Title	Phone
Ms. Lea Kirkwood	PEO Electronic Systems	781-225-9120
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Ms. Mounira Daher	Aerospace Management System Division Chief	781-225-9194
Col Jonathan Varoli	Combat Avionics Division Chief – <i>Robins AFB</i>	478-926-3371
Col Michael Alexander	Theater Battle Control Division Chief	781-225-5174
Ms. Christine Keefe	(acting) International C2 & Sensors Division Chief	781-225-0449
Ms. Linda Haines	Force Protection Division Chief	781-225-6733
Col Marc Lewis	Electronic Warfare Division Chief – <i>Robins AFB</i>	478-926-4302
Capt Corey Arthurs	Chief Innovation Officer	781-225-5674



# Questions