Agenda

- Portfolio Update
- Battle Management Trends
- Business Opportunities
- Battle Management Objectives - 2016
Battle Management
Scope and Mission Areas

Vision: The most proactive and effective DoD life cycle management organization

Mission: In partnership with industry, deliver and support warfighting systems—and learn to do better every day

Portfolio: 130+ US programs, ~$12.3B (AY+FYDP)
  • 1 JUON/QRC (IPEC)
  • 7 ACAT I
  • 4 ACAT II
  • 48 ACAT III
  • 12 Tech Project/Other
  • 59 Sustainment

~120 FMS Case/Lines, ~$9.1B
  • 42 nations and NATO

197 Supplies & Services Contracts

Org/People: ~3,500 people
  • 12 Divisions / 9 Major locations

The AF’s core operational C2 systems, battle management, and more
HB Organization

AFPEO/BM
MR. STEVEN WERT

DEPUTY DIRECTOR
COL DALE VANDUSEN

AFLCMC COMMANDER
LT GEN JOHN THOMPSON

MR. STEVEN WERT

COCOM C2 DIVISION (HBC)
MR. STACY FURCINI

THEATER BATTLE CONTROL DIVISION (HBD)
COL MICHAEL HARM

MR. PATRICK DAGLE
STRATEGIC WARNING & SURVEILLANCE SYS DIVISION (HBQ)
COL TODD WIEST

MR. DAVID TEMPLE

MR. STEPHEN FALCONE

MR. ANTHONY DUGGAN

MR. JEFF JEGHERS

MR. MATTHEW MC WILLIAMS

MR. PAUL COMMEAU

MR. DAVE TEMPLE
HB Accomplishments - 2015

Aerospace Management Systems Division - HBA
- Went “FOC” on program moves from AFWA (557 WW) HBAW to stand up OL
- HBAA – Achieved Milestone C for FoS which allows for program continuation and funding

Operations Command and Control Division - HBB
- Completed fielding at the 21st AMOS (McGuire AFB) in September 2015. For the first time ever the entire AOC Weapon System enterprise (over 22 sites) is on a single independently operationally tested baseline (RE12)
- C2AOS/C2IS successfully installed the ASMA-FP (Airspace Management System Application – Fieldable Prototype) at 603rd AOC.

Combatant Commanders Command and Control Division - HBC
- ISPAN Inc 4 (MPAS Modernization) completed Spiral 1, began Spiral 2, and issued RFPs for final Spiral 3.
- Leveraged ISPAN GAP CIE program for GSIN launch visualization tool; 4-star now has near real-time Situational Awareness on missile events
HB Accomplishments - 2015

Theater Battle Control Division - HBD

- Battle Control System-Fixed (BCS-F): Increased its sensor capacity by upwards of 50%. The program was successfully able to connect to newly developed sensors used to protect the Homeland
- Successfully transitioned and merged two developmental sensor programs into a multimillion$ ACAT IC special interest Wide Area Surveillance Program
- Multi-Platform – Radar Technology Insertion Program (MP-RTIP): Improved Radar Image Quality & Stability on Global Hawk Block 40 validated by Initial Operational Test & Evaluation (IOT&E)

Command and Control Intelligence Surveillance Reconnaissance Division - HBG

- Developed an AF-DCGS Open Architecture Specification including H/W, S/W, and Applications to establish ownership of the technical baseline
- AFRL/ACC/AF DCGS Program Office Open Architecture (OA) team was selected for Chief Acquisition Officers Council Acquisition Excellence Award for 2016
- Won 2015 AFMC DoD CIO Cyber Team Award (JSTARS SPO)
HB Accomplishments - 2015

Airspace Mission Planning Systems Division - HBM

• F-16 Mission Planning fielded F-16 M6.2, which incorporated a new Auto Ground Collision Avoidance System. The upgrade saved three F-16 pilots' lives and $135M in AF weapon systems by averting ground collision incidences.

• JPADs released 2 airdrop tool versions, which directly supported the Yazidi Humanitarian crisis in Iraq through airdrops to civilians in need and also supported the CFACC surge in CENTCOM by providing weather reconnaissance devices for airdrop to back ground forces opposing ISIS.

Foreign Military Sales Division - HBN

Awarded contract for Qatar Air Defense Operations Center

• Enabler for Integrated Air and Missile Defense for Qatar and C2 data for US and coalition partners

Fielded C3 system to Royal Jordanian Air Force

• ADOC assumed mission on 29 Nov 15, providing critical C2 to RJAF and interoperability with US and Coalition Partners

Strategic Warning and Surveillance Systems Division - HBQ

• Awarded $700M contract providing Combatant Commanders’ comprehensive command & control information from the Cheyenne Mountain Complex

• Awarded $77M contract for support of the COBRA DANE radar system providing critical midcourse coverage for U.S. Strategic Command's Ballistic Missile Defense System
Joint STARS Recapitalization Division - HBR
- MDD, 7 May 15 ADM
- MS A, 10 Dec 15 ADM

Completed Pre-EMD System Requirements Reviews
  - with Lockheed Martin, Northrop Grumman & Boeing

Airborne Warning And Control Division - HBS
- Delivered 4 Block 40/45 upgraded AWACS from depot and supported first E-3G combat deployment.
- Delivered 8 AWACS upgraded with the Next-Gen Identify Friend or Foe interrogation system.

Airborne Warning And Control Division - HBSI
- Aircraft 2 MLU modification delivered 30 Mar 15; aircraft 3 MLU modification delivered 28 Oct 15
- Initial Operating Capability declared by French Air Force 17 Apr 15
- First MLU-equipped aircraft deployed in support of combat operations 21 Apr 15
- Delivery of RSIP S2 Aircraft to RSAF in May 2015
- On schedule delivery of S3 Aircraft to RSAF Dec 2015
HB Accomplishments - 2015

Force Protection Division - HBU
- Awarded $486M Force Protection Site Security Systems (FPS3) IDIQ Contract, providing electronic security systems to CONUS and OCONUS users over the next five years
- Completed the $12.4M Security System at an overseas location, protecting over $1B in AF warfighting assets in the AFCENT Area of Responsibility

Aerospace Dominance Enabler Division - HBZ
- Upgrade of FPS-117 North Warning Radars on time 30 June 2015
- Awarded $47M small business set-aside contract for the TMQ-53 weather system; transitions from large to small business
Agenda

☑ Portfolio Update

• Battle Management Trends
• Business Opportunities
• Battle Management Objectives - 2016
A modular open systems approach is used by the AOC WS program
- Our Capability Provider Handbook (CPHB) guides present and future integration activities
- Our Developer’s Assistance Environment (DAE) provides integration resources for developers
Theater Battle Management Core Systems

Single solution delivered as “turnkey” system
Single contractor responsible for development, integration, and support
Filed as block releases of integrated HW/SW system functionality

Functional modules delivered as separate components
Multiple contractors responsible for individual products
Able to be fielded as software only onto Joint Service HW/SW Platforms

Info Exchange via Air Operations COI defined data standards

Host – Provided Software Services
Host - Provided Hardware Infrastructure

AOC WS Common Computing Environment (CCE) allows mission capabilities to “plug-in”
ISPN MPAS ARCHITECTURE

Complementary Developer Components

- Targeting Services
- Air Vehicle Services
- Ballistic Missile Services
- Quality Control Services
- MPAS Common Services
- Analysis Services
- Decision Support Services
- COA Planning Services

SOA Middleware
  General Purpose

Domain Data Services
  Differentiated C4 Services

Common Services
  Differentiated C4 Services

Virtualized Computing & Storage
  General Purpose

NC3 Platform Technology Stack
OMS architecture standards boost competition and simplify sustainment
Risk reduction efforts confirmed OMS suitability
BMC2 system spec’d for Tier 3 (highest) compliance
• Segregate front and back ends to facilitate CPU upgrades
• Base software on radar open systems specification
• Define open interfaces early to enable competitive refresh
Open Architecture AF-DCGS

Closed Environment (Pre OA DCGS) | Custom Hardware | Custom Work Stations | Custom Services

Open Architecture AF-DCGS

New/Re-Hosted Apps on
Common Hardware (Virtualized)
- MAAS (GEOINT)
- Aimes (GEOINT)
- GWE (GEOINT)
- NSANet (VM/VPN via JWICS)
- ACES HY
- GALE
- DotMatrix
- Web Based
  - METRICS
  - Intel Book (DART)
  - LINKS (DART)
  - MIST (DART)
  - DataMinr
  - JEMA
  - NSA Pulse
  - C3PED

Re-Hosted Apps running on Common Hardware x86
(Not – Virtualized)

New/Re-Hosted Apps Interfacing with PaaS
- GSEG+, DGETS, MTA (SEAM)
- SKS, Dragonfly (RESA)
- Federated Search App (DDF)

New/Re-Hosted Apps Integrated with PaaS

Cloud Orchestration
(Pivotal Cloud Foundry)

SOA
(DDF/RESA)

Enterprise Services
(IAAD, Auditing, DNS, NTP, Metrics, CND, Asset Mgt, Puppet)

Common Secured Operating Systems
(IBM 6.6, Microsoft Server 2012)

Virtualization Layer
(VMware 6.x/Docker)

Hardware
(EMC Isilon, Dell, Cisco)

Decreasing Testing Timeline
Accredited Applications
Accredited PaaS
Accredited IaaS

Cost Avoidance Opportunities
Competitive Trends

*FY16 YTD: AS OF 12 FEB 16
Small Business Trends

**HB Small Business**

- FY13: $2.50, 6.5%
- FY14: $2.00, 7.6%
- FY15: $1.50, 11.8%
- *FY16: $1.00, 13.1%

*FY16 YTD: AS OF 12 FEB 16
### UCA Status

<table>
<thead>
<tr>
<th>NUMBER ISSUED</th>
<th>AVERAGE DAYS TO COMPLETE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY13</td>
<td>4</td>
</tr>
<tr>
<td>FY14</td>
<td>5</td>
</tr>
<tr>
<td>FY15</td>
<td>4</td>
</tr>
<tr>
<td>FY16</td>
<td>1</td>
</tr>
</tbody>
</table>
MAC ID/IQ Contracts
with a mix of large and small businesses

C2 Application Development
- Started in 2011
- Awarded Dec 2012
- Ceiling $249M
- 6 large businesses
- 1 small business

Out-reach!
- Industry days
- Draft RFPs
- Hosted office visits
- New Horizons SB sessions
- NDIA event in Colorado Springs
- Commonwealth Military Task Force / Mass DTI Industry Days
- Mass DTI events
- Hanscom SB Office
- Sen Warren SB event
- 2013 AF/SB Director Awards in the news

Platform Engineering and Integration for Tactical & Strategic Systems
- Awarded Jan 2016
- Ceiling $538M
- 1 large business
- 5 small businesses
- First DO awarded to SB
Critical Event Delays FY15

- Contractor Delays: 23%
- External Factors: 17%
- Planning: 7%
- Govt Manpower: 5%
- Process Compliance: 3%
- Rqmt/scope change: 22%
- Contractor Protest: 3%
Agenda

✓ Portfolio Update
✓ Battle Management Trends
  • Business Opportunities
  • Battle Management Objectives - 2016
BM Potential Opportunity

Weather Data Analysis (WDA)

Business Opportunity

- To Purchase Global Lightning Data which will provide Air Force weather forecasters with near-real time lightning data used for situational awareness and prediction of weather events, and assists in protecting resources and improving mission effectiveness for AF and Army operations worldwide.

Schedule

- RFP Release: Apr/May 16
- Contract Award: Dec 16
- Period of Performance: Dec 16 - Oct 21

Contract Information

Anticipated Contract Strategy:
- ~$3M contract value
- Full & Open Competition

Anticipated Contract Type:
- FFP

POC: Mr. Steven Lamb, (402) 232-4465
BM Potential Opportunity

FMQ-19 Automatic Meteorological Station (AMS)

Small Business Opportunity

- Contractor Logistics Support for over 100 fixed automated meteorological stations.
- System consists of modular/scalable sensors, which measure surface pressure, wind speed/direction, temp. dew point, relative humidity, liquid precipitation, accumulation & identification, ice accretion, cloud heights, vertical visibility, surface visibility, present weather, precipitation, and lightning detection.

Schedule

- Industry Day: 16 March 2016
- Draft RFP Releases: Sep 2016 / Dec 2016
- RFP Release: February 2017
- Contract Award: August 2017
- Period of Performance: Sep 2017 – Sep 2022

Contract Information

Anticipated Contract Strategy:
- ~$25M contract value
- Small Business Set Aside (TBD)

Anticipated Contract Type:
- FFP with cost reimbursable CLINs

POC: Lt BJ Stratemeyer, (781) 225-5386
BM Potential Opportunity

Air Traffic Control Tower (ATCT) Equipment and Training Simulator Systems (TSS) Sustainment Program for the Republic of Iraq

Business Opportunity

- Conduct site survey
  - Air Traffic Control Tower (ATCT) equipment at three locations in Iraq
  - Adacel MaxSim Tower Simulator System (TSS) and Raytheon Company AutoTrak II (AT2) Radar Simulator System (RSS)
- Repair damaged items and procure/install replacement parts based on site survey
- Provide 1 year of Contractor Logistic Support and a 2 year warranty on all new equipment

Tentative Schedule

- Virtual Industry Day: Jul 15
- Draft RFP Release: Jan 16
- RFP Release: Apr 16
- Contract Award: Oct 16
- Period of Performance: Oct 16 – Aug 18

Contract Information

Anticipated Contract Strategy:

- ~$10–$20 Million contract value
- Full & Open Competition

Anticipated Contract Type:

- Firm Fixed Price
- Cost Plus Fixed Fee for replacement items

POC: Mr. Peter Foster, (781)-225-5383
BM Potential Opportunity

Air Operations Center Weapon System (AOC WS) 10.1
Various System Components

Business Opportunity (incl SB)

- AOC 10.1 – NetCentric/IT Hardware/Software Products & Services to Support Fielding's to COCOMS
  - Networking Equipment
  - Servers/Routers
  - Peripherals
  - Software & Associated Maintenance
  - Services/Trainings

Schedule – RE13 FY16 Actions

- Draft RFP Release
  - Multiple: Oct 15 – Sep 16
- RFP Release:
  - Multiple: Oct 15– Sep 16
- Contract Award:
  - Multiple: Oct 15 – Sep 16 (30-45 days prior to fielding)
- Period of Performance:
  - Multiple: 1 year from date of contract award

Contract Information

Anticipated Contract Strategy:

- NETCENTS 2:
  - Products - 25 Businesses
  - Application Services - 12 Small Businesses
- Total FY16 Contract Actions/Spend:
  - NETCENTS 2 – 100+ @ ~$19M
  - All Sustainment/Procurement Actions

Anticipated Contract Type:

- FFP

POC: Lt Col Reybitz, (781) 225-9116
BM Potential Opportunity

Air Operations Center Weapon System (AOC WS)
System/Component Training

Business Opportunity (incl SB)

- Provide training (Sys-Admin, Net-Admin, Operator) and train-the-trainer materials to support fielding of the AOC (10.1 and 10.2) to various COCOMS
  - ~200 separate system-specific training events

Schedule

- Draft RFP Release:
  - Multiple: Dec 15 - Sep 16
- RFP Release:
  - Multiple: Dec 15 - Sep 16
- Contract Award:
  - Multiple: Jan 16 - Sep 16
- Period of Performance:
  - Multiple: Ranges from Jan 16 – Oct 16

Contract Information

Anticipated Contract Strategy:

- Contract values
  - $12K - $3.8M ($8.5M+ FY16 total effort)
- NETCENTS 2/BPA
- MIPR

Anticipated Contract Type:

- FFP

POC: Lt Col Reybitz, (781) 225-9116
BM Potential Opportunity

Air Operations Center Weapon System (AOC WS)
Long Term Modification and Sustainment Contract

Business Opportunity

• Procure professional services to field, sustain, and modify the AOC WS
• Procure the fielding COTS material (hardware, software) and subsequent support agreements
• Conduct Capital Equipment Replacement

Schedule

• Draft RFP Release: Dec 15
• RFP Release: 8 March 16
• Contract Award: 1QFY17
• Period of Performance: 4 month base plus 7 one year options.

Contract Information

Anticipated Contract Strategy:

• ~$601-$668M
• GSA Alliant contract

Anticipated Contract Type:

• CPFF Term LOE

POC: Lt Col Reybitz, (781) 225-9116
BM Potential Opportunity

Theater Battle Management Core Systems Force Level (TBMCS FL)

Business Opportunity
- Commercial Off the Shelf (COTS) Software licenses to support sustainment of TBMCS FL installations world-wide and TBMCS FL sustainment lab at Hill AFB

Schedule
- Procurement Process: 120 days
- RFP Release: 60 days prior to Contract Award
- Contract Awards: Monthly (on-going)
- Period of Performance: Dependent on warranty duration

Contract Information

Anticipated Contract Strategy:
- ~$2.39M/24 potential opportunities
- DoD ESI BPA or NETCENTS II NetCentric Products

Anticipated Contract Type:
- FFP

POC: Michelle Lardizabal (781) 225-9029
BM Potential Opportunity
Battle Control System – Fixed (BCS-F) Contract Logistics Support (CLS)

Business Opportunity
• Contract Logistics Support (CLS) and HW/SW Tech Refresh to include System Integration, Technical Orders, Training Materials and able to conduct Depot Level Repairs (DLR), Material Management (MM) and Spares Storage.

Schedule
• Draft RFP Release: Apr 16
• RFP Release: Jun 16
• Contract Award: Dec 16
• Period of Performance: Jan 17 – Jan 22

Contract Information
Anticipated Contract Strategy:
• ~$48M total contract value
• Full & Open Competition

Anticipated Contract Type:
• CPFF

POC: Capt James Curran (781) 225-0380
BM Potential Opportunity

High Frequency Global Communications Systems
Antenna Program IDIQ

Small Business Opportunity
- Continue to sustain HFGCS antennas and subsystems
  - Antenna Repair/Replacement Activity
  - Tech order support, antenna acquisition & sustainment
  - Transmission system cabling replacement
  - Grounding systems repair/replacement
  - Contractor depot-level maintenance
  - Support systems and subsystem COTS items

Schedule
• Draft RFP Release: Jan 16
• RFP Release: 15 Mar 16
• Contract Award: Sep 16
• Period of Performance: Up to 7 Years
  • Base Year + 6 Option Years
  • 6-month extension of services

Contract Information
Anticipated Contract Strategy:
• ~$74.5M contract value
• Small Business Set Aside
• Competitive

Anticipated Contract Type:
• Performance Based Contract

POC: Ms. Kristen Carter, (405) 622-7267
BM Potential Opportunity

DGS-X Sustainment

Business Opportunity

• Sustainment of DGS-X (Distributed Ground System – Experimental), an operationally representative test facility that evaluates software/hardware upgrades and other capabilities in a controlled environment.

Schedule

• RFP Release: 31 Mar 2016
• Contract Award: 30 Jun 2016
• Period of Performance: 1 Jul 2016 – 30 Jun 2021

Contract Information

Anticipated Contract Strategy:
• ~$22M contract value
• GSA Alliant contract

Anticipated Contract Type:
• FFP/CR/LH

POC: Maj Melanie Shepperd, 757-225-0026
BM Potential Opportunity

C2ISR Enterprise Contracted Logistics Support

Schedule

• Sources Sought: Dec 2015
• RFP Release: Dec 2016
• Contract Award: April 2017
• Period of Performance: May 2017 – April 2022 (1 yr Basic; 4 – 1 yr Options)

Contract Information

Anticipated Contract Strategy:

• ~$2.0M contract value
• Small Business Set Aside
• Competitive

Anticipated Contract Type:

• FFP – PPTO

POC: Mr. Joseph Eckersley, (478) 222-0945

Small Business Opportunity

• Procure logistics support services for the C2ISR enterprise with performance requirements in all 12 Integrated Product Support categories
## BM Potential Opportunity
### Airspace Mission Planning

<table>
<thead>
<tr>
<th><strong>Business Opportunity</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Systems Enterprise Integration Contract (SEIC)</td>
</tr>
<tr>
<td>• Continue the mission planning environment with the latest software testing and integration advancements.</td>
</tr>
<tr>
<td>• Support Mission Planning developers</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Schedule</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• RFP Release: May 16</td>
</tr>
<tr>
<td>• Contract Award: Jan 17</td>
</tr>
<tr>
<td>• Base Period of Performance: 10 years</td>
</tr>
<tr>
<td>• MP Knowledge SIL: Available Now!</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Contract Information</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Anticipated Contract Strategy:</strong></td>
</tr>
<tr>
<td>• Full and Open</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Anticipated Contract Type:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Multiple/Hybrid with Incentives for RDT&amp;E</td>
</tr>
<tr>
<td>• (CPFF w/ incentives, Cost)</td>
</tr>
</tbody>
</table>

**POC:** Capt Devon Messecar, (781) 225-9111
BM Potential Opportunity

RSAF C4I Modernization

Business Opportunity

- Modernize RSAF C4I System
- Air Battle Planning
- Air Surveillance and Control
- Integrate New and Existing Sensors
- Voice/Data Communications
- Promote Interoperability

Schedule

- Letter of Offer and Acceptance (LOA): TBD; No firm commitment
- Industry Day: LOA + 2 months
- Draft RFP Release: LOA + 6 months
- RFP Release: LOA + 9-12 months
- Contract Award: RFP + 18-24 months
- Period of Performance: ~3-5 years

Contract Information

Anticipated Contract Strategy:
- ~$1.0B+ contract value
- Full & Open Competition

Anticipated Contract Type:
- FFP

POC: Mr. Tyler Gould, (781) 225-9128
Business Opportunity

- Upgrades at over 5 Sites to Improve Communication Integration for Government of Dominican Republic
- Support Mission Areas
  - Counter Drug
  - C4I
  - Air Surveillance Network

Schedule

- Letter of Offer and Acceptance (LOA): TBD; potential receipt 3QFY16
- Industry Day: LOA + 1 month
- RFP Release: LOA + 2 months
- Contract Award: LOA + 5 months
- Period of Performance: 3 years

Contract Information

Anticipated Contract Strategy:

- ~$1.5M contract value
- Full & Open Competition

Anticipated Contract Type:

- FFP

POC: Mr. Mike Griffin, (781) 225-9227
BM Potential Opportunity

**Shared Early Warning System (SEWS)**

**Small Business Opportunity**
- Contractor Logistics Support providing wide range of services such as sustainment, migration, integration, training, help desk support, testing and operational support
- Supports existing system sustainment and integration of new mission capabilities and external system integration to U.S. and FMS funded activities

**Schedule**
- Industry Day: Oct 15; 17 Feb 16
- Draft RFP Release: Feb 16
- RFP Release: May 16
- Contract Award: Apr 17
- Transition: May - Jul 17
- Period of Performance: Apr 17 – Sep 22

**Contract Information**

**Anticipated Contract Strategy:**
- ~$93M contract ceiling value
- Small Business Set Aside
- Single Award IDIQ

**Anticipated Contract Type:**
- CPIF, CPFF and T&M

**POC:** Ms. Natalia Buchanan, (719) 554-9522
BM Potential Opportunity

Joint Surveillance Target Attack Radar System (JSTARS) Recapitalization

**Business Opportunity**
- Recapitalize legacy E-8C fleet by delivering an integrated weapon system solution comprised of BMC2, radar and communications subsystems on a business class commercial derivative jet.
- Anticipate releasing an RFP 4QFY16 for a full and open competition. This contract action will include EMD (3 a/c), LRIP (2 a/c), FRP Lot 1 (4 a/c) and ICS.

**Schedule**
- Draft RFP Release:
  - 21 Jan 16 (SOW / CDRLs)
  - Apr 16 (entire RFP includes section L&M)
- RFP Release: Sep 16
- Contract Award: Dec 18

**Contract Information**

**Anticipated Contract Strategy:**
- ~$7B
- Full / Open Competition

**Anticipated Contract Type:**
- CPIF, FPIF, CPFF, FFP, CR

**POC:** Col Dave Learned – (781) 225-5283
BM Potential Opportunity

**DRAGON Production Warehousing**

**Potential Small Business Opportunity**

Production (LRIP & FRP)-Warehousing support
- Receive/store/manage all DRAGON parts
- Deliver required parts to Gov install team
- ID/store/use/dispose of HAZMAT
- Life limit management items inspected, tested and recertified or disposed of at required intervals

**Schedule**
- Release Request for Information Feb 2016
- RFP Release: 4QFY16
- Contract Award: 3QFY17
- Period of Performance: 2017 - 2026

**Contract Information**

**Anticipated Contract Strategy:**
- $25M-$40M estimated contract value
- Full & Open Competition

**Anticipated Contract Type:**
- FFP

**POC:** Mr. Steve Clark, GS-13 (781)225-4883
### Schedule
- Released Request for Information Jan 2016
- RFP Release: Oct 2018
- Contract Award: Dec 2019
- Period of Performance: 2019 - 2026

### Contract Information
**Anticipated Contract Strategy:**
- $47M-$57M estimated contract value
- Full & Open Competition

**Anticipated Contract Type:**
- Fixed Price type contract

**POC:** Mr. Steve Clark, GS-13 (781)225-4883

### Potential Small Business Opportunity
Full Rate Production A Kit parts procurement
- Procure qualified parts, build/assemble wiring harnesses and connectors
- Package into A-Kits, deliver to warehousing facility
### BM Potential Opportunity

**E3 CNU EMD & Installation**

#### Small Business Opportunity

**EMD**
- Develop data architecture to complement mission computing OMS abstraction interface
- Design updated GUI for CNU
- Develop and install software implementation for ground system, fixed and deployed

#### Schedule (Installation)

- Release request for information 2017
- RFP release: 4QFY17
- Contract award: 3QFY18
- Period of performance: 2019 - 2021

#### Contract Information

**Anticipated Contract Strategy:**
- ~$25-$40M
- Full & open competition

**Anticipated contract type:**
- FFP

**POC:** Mr. Steve Clark, GS-13 (781) 225-4883
BM Potential Opportunity

Integrated Base Defense Security System (IBDSS)

Business Opportunity

- Several bases require a Security System Refresh - see chart

Schedule

- RFQ Release: Various, starting Feb 16
- Contract Award: Starting May 15
- Period of Performance: 12 Months min

Contract Information

Anticipated Contract Strategy:

- Range: ~$1M - ~$48.9M
- Use existing Force Protection Site Security Systems (FPS3) ID/IQ, limited competition

Anticipated Contract Type:

- Various contract types

POC: Mr. Patrick Dagle, 781-225-6733
## Force Protection Site Security Systems (FPS3) Efforts (FY16)

<table>
<thead>
<tr>
<th>Base</th>
<th>Effort Description</th>
<th>RFQ Release</th>
<th>Contract Award</th>
<th>Period of Performance*</th>
<th>Value ($M)</th>
<th>Contract Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vandenberg</td>
<td>Upgrade security systems at three different locations on base</td>
<td>4 Feb 16</td>
<td>Jun 16</td>
<td>36 MARO</td>
<td>17.4</td>
<td>CPFF, FFP</td>
</tr>
<tr>
<td>AFCENT ORS2</td>
<td>Continued support in AFCENT Southwest Asia Area of Responsibility</td>
<td>26 Feb 16</td>
<td>May 16</td>
<td>36 MARO</td>
<td>48.9</td>
<td>CPFF</td>
</tr>
<tr>
<td>OCONUS location</td>
<td>Restricted area physical security system (PSS) &amp; electronic security system (ESS) work</td>
<td>8 Feb 16</td>
<td>May 16</td>
<td>30 MARO</td>
<td>6</td>
<td>FFP</td>
</tr>
<tr>
<td>Buckley</td>
<td>Upgrade all command, control &amp; display equipment (CCDE) to the latest approved announciators. Integrate system to the host base.</td>
<td>Mar 16</td>
<td>Jul 16</td>
<td>27 MARO</td>
<td>5</td>
<td>TBD</td>
</tr>
<tr>
<td>Cheyenne Mtn</td>
<td>Upgrade the existing CCDE to the latest approved operating system in support of the restricted areas located in Cheyenne Mountain.</td>
<td>Mar 16</td>
<td>Jul 16</td>
<td>18 MARO</td>
<td>1</td>
<td>TBD</td>
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<tr>
<td>F15SA (FMS)</td>
<td>Install security systems in 29 munitions storage bldgs at 3 bases in Southwest Asia</td>
<td>Mar 16</td>
<td>Jul 16</td>
<td>12 MARO plus 3 1yr options</td>
<td>8.6</td>
<td>FFP</td>
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<tr>
<td>Cape Canaveral</td>
<td>Upgrade security systems at two different locations on base</td>
<td>Mar 16</td>
<td>Jun 16</td>
<td>27 MARO</td>
<td>8.5</td>
<td>TBD</td>
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<tr>
<td>ESSM Long Term (FMS)</td>
<td>Provide up to 16 Electronic System Security Monitors (ESSM) in Saudi Arabia</td>
<td>Apr 16</td>
<td>Jul 16</td>
<td>12 MARO plus 4 1yr options</td>
<td>5.6</td>
<td>GSA Assist Via OASIS Pool 1</td>
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* Includes Interim Contractor Support
## Force Protection Site Security Systems (FPS3) Efforts (cont)

### (Remaining FY16)

<table>
<thead>
<tr>
<th>Base</th>
<th>Effort Description</th>
<th>RFQ Release</th>
<th>Contract Award</th>
<th>Period of Performance*</th>
<th>Value ($M)</th>
<th>Contract Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whiteman MPA/AECS</td>
<td>Flightline entry control and aircraft parking area security system work</td>
<td>Apr 16</td>
<td>Jul 16</td>
<td>36 MARO</td>
<td>9.8</td>
<td>TBD</td>
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<tr>
<td>Edwards</td>
<td>Install an integrated ESS at the restricted area boundary and a level of detection at multiple buildings</td>
<td>Apr 16</td>
<td>Aug 16</td>
<td>30 MARO</td>
<td>TBD</td>
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### (FY17)

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<tr>
<th>Base</th>
<th>Effort Description</th>
<th>RFQ Release</th>
<th>Contract Award</th>
<th>Period of Performance*</th>
<th>Value ($M)</th>
<th>Contract Type</th>
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</thead>
<tbody>
<tr>
<td>PACAF</td>
<td>Replacement of the security system at two Restricted Areas (RA), installation of a new security system for one of the buildings, and a new entry control facility at one of the RAs</td>
<td>1QFY17</td>
<td>2QFY17</td>
<td>TBD</td>
<td>5</td>
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<tr>
<td>Malmstrom</td>
<td>Upgrade security systems</td>
<td>1QFY17</td>
<td>2QFY17</td>
<td>TBD</td>
<td>15</td>
<td>TBD</td>
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<td>Minot</td>
<td>Upgrade security systems</td>
<td>2QFY17</td>
<td>3QFY17</td>
<td>TBD</td>
<td>15</td>
<td>TBD</td>
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<tr>
<td>FE Warren</td>
<td>Upgrade security systems</td>
<td>3QFY17</td>
<td>4QFY17</td>
<td>TBD</td>
<td>20</td>
<td>TBD</td>
</tr>
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</table>

* Includes Interim Contractor Support
BM Potential Opportunity

Mission Planning Support Contract

**Small Business Opportunity**

- Sustainment of Mission Planning Systems (MPS) equipment; includes:
  - Configuration Management of h/w and s/w
  - Updates to Technical Documentation
  - System Checkout, Fielding, & Supply Support
  - Training Support
  - Deficiency Reporting
  - Deployment and Management of the MPS System Support Representatives (SSRs) at worldwide locations and 24/7 Help Desk Support
  - Administration of Mission Planning Central Website

**Schedule**

- Industry Day: 8-9 Dec 2015
- Draft RFP Release: Apr 2016
- RFP Release: July 2016
- Contract Award: August 2017
- Period of Performance: 1 Sep 2017 - 31 August 2022

**Contract Information**

**Anticipated Contract Strategy:**

- ~$250M contract value
- Small Business Set Aside
- Single Award IDIQ

**Anticipated Contract Type:**

- FFP

**POC:** Christi McElheny, (801) 777-2805
<table>
<thead>
<tr>
<th>Description</th>
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<tr>
<td>IBDSS VANDENBERG</td>
<td>Design &amp; Installation</td>
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<tr>
<td>IBDSS OCONUS</td>
<td>Design &amp; Installation</td>
<td></td>
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<tr>
<td>IBDSS AFCENTS ORS</td>
<td>Design &amp; Installation</td>
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<tr>
<td>C2AOS/C2IS</td>
<td>Development</td>
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<tr>
<td>D-TACS</td>
<td>Engineering &amp; Test Support</td>
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<tr>
<td>EAGLE VISION</td>
<td>Development &amp; Integration</td>
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<tr>
<td>AFMSST</td>
<td>Modernization and Sustainment</td>
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<tr>
<td>3DELRR</td>
<td>Development</td>
<td></td>
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<tr>
<td>DRC COMBAT TRACK</td>
<td>Sustainment</td>
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<tr>
<td>DMZ UPGRADE</td>
<td>Modernization &amp; Sustainment</td>
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<th>1st Quarter OCT-DEC</th>
<th>2nd Quarter JAN-MAR</th>
<th>3rd Quarter APR-JUN</th>
<th>4th Quarter JUL-SEP</th>
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Agenda

- Portfolio Update
- Battle Management Trends
- Business Opportunities
  - Battle Management Objectives - 2016
Aerospace Management Systems Division - HBA

Start D-RAPCON DT

- Continue Tailored In-Service Review Checklist with FAA

Field FMQ-19 Direct Connect Capability

- Remove the Terminal Data Acquisition Unit (TDAU) server due to unsupportable software & install a Serial to IP converter to send weather data collected by system sensors directly to Joint Environmental Toolkit (JET)

Operations Command and Control Division - HBB

- Air Operations Center Inc 10.2:
  - Complete successful Developmental Testing and achieve Milestone C
- C2AOS/C2IS:
  - Completion of ASMA/ASIS, IAMD Planner, RISC2 & ATOMS Development Test

Combatant Commanders Command and Control Division - HBC

- Obtain PEO assignment of NPES Modernization; accomplish Materiel Development Decision (MDD) and begin pre-MS B risk reduction activities for NPES Modernization
- Complete Spiral 2 and begin Spiral 3 of ISPAN Increment 4 (MPAS Modernization); accomplish MDD and begin pre-MS B risk reduction activities for ISPAN Increment 5
HB Big Objectives - 2016

Theater Battle Control Division - HBD
✓ Award Platform Engineering & Integration for Tactical & Strategic Systems (PEITSS) 5 plus year Multiple ID/IQ with a $538M Ceiling
• Award 6-year 3-Dimensional Expeditionary Long Range Radar (3DELRR) development, test & initial production contract for Initial Operational Capability (IOC) with radars

Command and Control Intelligence Surveillance Reconnaissance Division - HBG
• Pilot AF DCGS Open Architecture to more than 4 Operational Sites
• Reduce the number of E-8C aircraft in depot and increase aircraft availability to the warfighter

Airspace Mission Planning Systems Division - HBM
• Complete contractor testing on the C-17 mission planning software which serves as the cornerstone of the Mission Planning ACAT I program
• Complete contractor testing on the B-2 mission planning software
Foreign Military Sales Division - HBN

- Signature and implementation of Letter of Offer and Acceptance (LOA) for the Qatar Early Warning Radar
- Award contract for the Royal Saudi Air Force (RSAF) F-15SA Cyber Protection & Related Facilities

Strategic Warning and Surveillance Systems Division - HBQ

- Maintaining Legacy Missile Warning/Missile Defense/Space Situational Awareness Sensors’ capabilities to support Combatant Commanders’ (COCOMS) situational awareness
- Release Request For Proposals for Shared Early Warning System II in Apr ‘16
  – Release Request for Proposals (RFP) for COBRA DANE Follow-on Support contract in Dec 2016

Joint STARS Recapitalization Division - HBR

- Award two Radar Risk Reduction contracts to Recap radar OEMs to reduce risk for EMD
- Release $7.8B EMD Request For Proposals for delivery of complete weapon system
- Completion of three Pre-EMD Preliminary Design Reviews for weapon system design
HB Big Objectives - 2016

Airborne Warning And Control Division - HBS
- Field first NGIFF upgraded Block 40/45 aircraft
- Complete RSAF RSIP & FAF MLU deliveries
- Contract for Block 40/45 DMS 4.0 design, RSAF RAMP design, and JASDF MCU production

Force Protection Division - HBU
- Complete the Whiteman Weapon Storage Area, the first in a series of “top priority” nuclear security area refreshes
- Award two Ops Readiness Support Contracts, providing security system support efforts at 13 AFCENT bases and up to six AFAFRICA bases over the next 3 years in these critical areas of responsibility
- Award the Vandenberg AFB IDS contract, which is an ~$20M phased approach to provide security systems to protect critical AFSPC capability

Aerospace Dominance Enabler Division - HBZ
- Field Combat Survivor Evader Locator (CSEL) Timberwolf technical refresh of Ultra-High Frequency Base Stations (UBSs) at CONUS and OCONUS locations
- Complete Control and Reporting Center (CRC) Remote Radio (RRSVS) 3.2 Installs on multiple systems by 30 Sep 16
- Award Power Conditioning Continuation Interfacing Equipment (PCCIE) Multiple Award Contract (MAC) II NLT 26 Sep 16, prior to first MAC expiring and preventing bases from acquiring replacement/new systems
- Complete Personnel Recovery Command and Control (PRC2) Mission Manager 2.0 Testing by 30 Sep 16, a vital capability to assist Combat Search and Rescue (CSAR) personnel in locating isolated persons (IPs) faster
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Front Office Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Steve Wert</td>
<td>AFPEO for Battle Management</td>
<td>781-225-9120</td>
</tr>
<tr>
<td>Col Norman Leonard</td>
<td>Aerospace Management System Division Chief</td>
<td>781-225-5119</td>
</tr>
<tr>
<td>Col Don Hill</td>
<td>Ops C2 Division Chief</td>
<td>781-225-9393</td>
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<tr>
<td>Mr. Stacy Farcini</td>
<td>COCOM Division Chief – Offutt AFB</td>
<td>402-294-2332</td>
</tr>
<tr>
<td>Col Mike Harm</td>
<td>Theater Battle Control Division Chief</td>
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</tr>
<tr>
<td>Col Raymond Wier</td>
<td>C2ISR Division Chief - Robins AFB</td>
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<tr>
<td>Col Andrew Knoedler</td>
<td>Airspace Mission Planning Division Chief</td>
<td>781-225-9625</td>
</tr>
<tr>
<td>Mr. Steve Bessette</td>
<td>FMS Division Chief</td>
<td>781-225-0449</td>
</tr>
<tr>
<td>Col Todd Wiest</td>
<td>Strategic Warning &amp; Surveillance Division Chief – Peterson AFB</td>
<td>719-556-9446</td>
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<td>Col Dave Learned</td>
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</tr>
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<td>Mr. Tom Ramsey</td>
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<tr>
<td>Mr. Pat Dagle</td>
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<td>781-225-6733</td>
</tr>
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<td>801-777-2641</td>
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