OPENING REMARKS

CAPTAIN WILLIAM R. YARBROUGH

AGENDA

Time	Item
1330 – 1335	**ATTENDEE CHECK-IN**
1335 – 1340	**OPENING REMARKS – WILLIAM R. YARBROUGH, CAPTAIN, USAF**
1340 – 1350	**WELCOME – PETER A. SANDNESS, COLONEL, USAF** BES Deputy Program Executive Officer
1350 – 1430 (10 mins each)	**BES SPEAKERS** **Robotic Process Engineering (RPAs) – DR. JOE BESSELMAN** and **MR. TOY ROBINSON** Chief Disruption Officer and Director of Engineering **Securing the Software Supply Chain – DR. JOE BESSELMAN** and **MR. TOY ROBINSON** Chief Disruption Officer and Director of Engineering **Small Business Updates and Opportunities – MS. YOLANDA MCCAIN** Director of Small Business **Small Business Enterprise Application Solutions (SBEAS) Overview – MS. NICOLE LOONEY** SBEAS Program Manager
1430 – 1440	**BREAK**

Time	Item

1440 – 1600	**UPCOMING ACQUISITION OPPORTUNITIES – PANEL PRESENTATIONS**
	
	 BUSINESS SYSTEMS – MS. MARY "ANGELA" MICHEAL, HIB Division Chief
	 PROGRAMS TO BRIEF:
	 - Logistics Module (LOGMOD) and Base Support and Expeditionary (BaS&E) Planning Tool
	   • Ms. Jessica Regan – Capability Delivery Manager
	   • William C. Adams, Captain, USAF – Contracting Officer
	
	 TECHNICAL SERVICES
	 PROGRAMS TO BRIEF:
	 - Enterprise Architecture Services (EAS)
	   • Mr. Matthew West – Capability Delivery Manager
	   • Ms. Jordan McKinley – Contracting Officer
	   • Ms. Tamara York – Contracting Officer
	
	 FINANCIAL SYSTEMS – WALTER A. BUSTELO, COLONEL, USAF, HIG SML Portfolio Manager
	 PROGRAMS TO BRIEF:
	 - Defense Enterprise Accounting and Management System (DEAMS) Technical SME Support
	   • Walter A. Bustelo, Colonel, USAF
	 - Program Budget Enterprise System (PBES)
	   • Ms. Gena Howard – Capability Delivery Manager
	   • Ms. Shaneka Brown – Contracting Officer
	
	 HUMAN RESOURCES SYSTEMS – MR. DANIEL CANTU, HIH Deputy Director
	 PROGRAMS TO BRIEF:
	 - Human Resources Systems Technical Support (HRSTS)
	   • Mr. Matthew Baker – Capability Delivery Manager
	   • Ms. Colleen Koon – Division Chief HIK
	
	 OPERATIONS
	 PROGRAMS TO BRIEF:
	 - Field Assistance Service (FAS)
	   • Mr. Michael "Wayne" Whetsell – HIO Chief, Enterprise Operations
	   • Ms. Catrina Lewis – Contracting Officer

1600 – 1620 (10 mins each)	**ACQUISITION SPEAKERS** **BEST PRACTICES - OLIVIA M. DEAN, CAPTAIN, USAF** and **MR. JERARD CAMPBELL** HIK Branch Chief and ILS-S Program Manager **AGILE CONTRACTING OVERVIEW – MS. JULIE QRYS** Service Manager, Agile Guidance and Policy
1620 – 1630	**CLOSING REMARKS – PETER A. SANDNESS, COLONEL, USAF** BES Deputy Program Executive Officer

14TH ANNUAL **VENDOR INDUSTRY DAY**

WELCOME

COLONEL PETER A. SANDNESS
BES DEPUTY PROGRAM EXECUTIVE OFFICER

Business & Enterprise Systems

Innovate, Accelerate, Thrive – The Air Force at 75

14th Annual 2022
PEO BES Industry Day Introduction

Col Peter A. Sandness

BES Deputy Program Executive Officer

25 May 2022

v8

SecAF Priorities

- **7 Operational Imperatives**
  - Defining resilient and effective space order of battle and architectures
  - Achieving operationally optimized advanced battle management systems (ABMS)/Joint All-Domain Command & Control (JADC2)
  - Defining the Next Generation Air Dominance (NGAD) system of systems
  - Achieving moving target engagement at scale in a challenging operational environment
  - Defining optimized resilient basing, sustainment, and communications in a contested environment *(Agile Combat Employment)*
  - Defining the B-21 Long Range Strike Family of Systems
  - Readiness of the Department of the Air Force to transition to a wartime posture against a peer competitor

> **"We can't invest in everything and we shouldn't invest in improvements that don't have clear operational benefit."**

SecAF Priorities

- **6 Management Initiatives**
  - **Cyber and Information Systems Resiliency**
    - **Business IT resiliency, application rationalization**

CSAF Action Orders

- **Accelerate Change or Lose**
  - **Airman:** people first; smarter Talent Mgt
  - **Bureaucracy:** speed up decision making; drive innovation *(focus on processes and business rules)*
  - **Competition:** understand great power competition and know our competitors to inform how we OT&E Airmen *(incorporates OI's, alignment of tasks to lines of effort with waypoints to guide and measure an iterative path forward, as well as increase synchronization between MAJCOMs and HQ staff)*
  - **Design:** need to know how to adapt to change; build an affordable force structure Congress can support and afford *(incorporates OI's, reflects continued assessment of threats, capabilities and fiscal realities)*
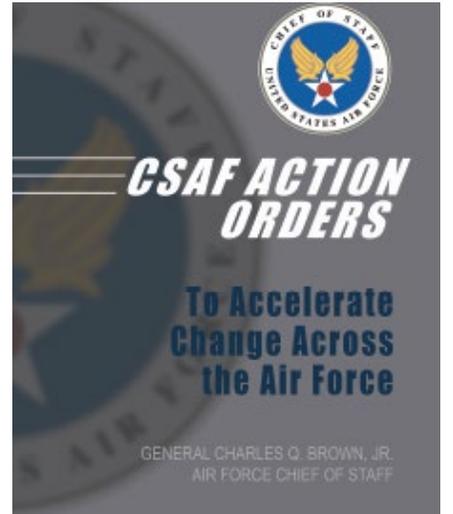
VISION

Delight the User

MISSION

Operate, Integrate, Innovate

**Mr. Richard T. Aldridge, SES, DAF**
Program Executive Officer
Business and Enterprise Systems

Major Stakeholders

USSF — A1 — USG

DISA — SAF/AQ — 16 AF — SAF/MG

AFLCMC — PEO C3I&N — SAF/CN

$

USSF — A4 — AFSC — TRANSCOM

$

FM — TRANSCOM — DFAS

$

MAJOR STAKEHOLDERS

DoDI 8115.01   DoDI 5000.75

DoDI 5000.02

AQ/AA — Army — Navy — EoP — DISA — CENTCOM — DLA — CYBERCOM — TRANSCOM

$
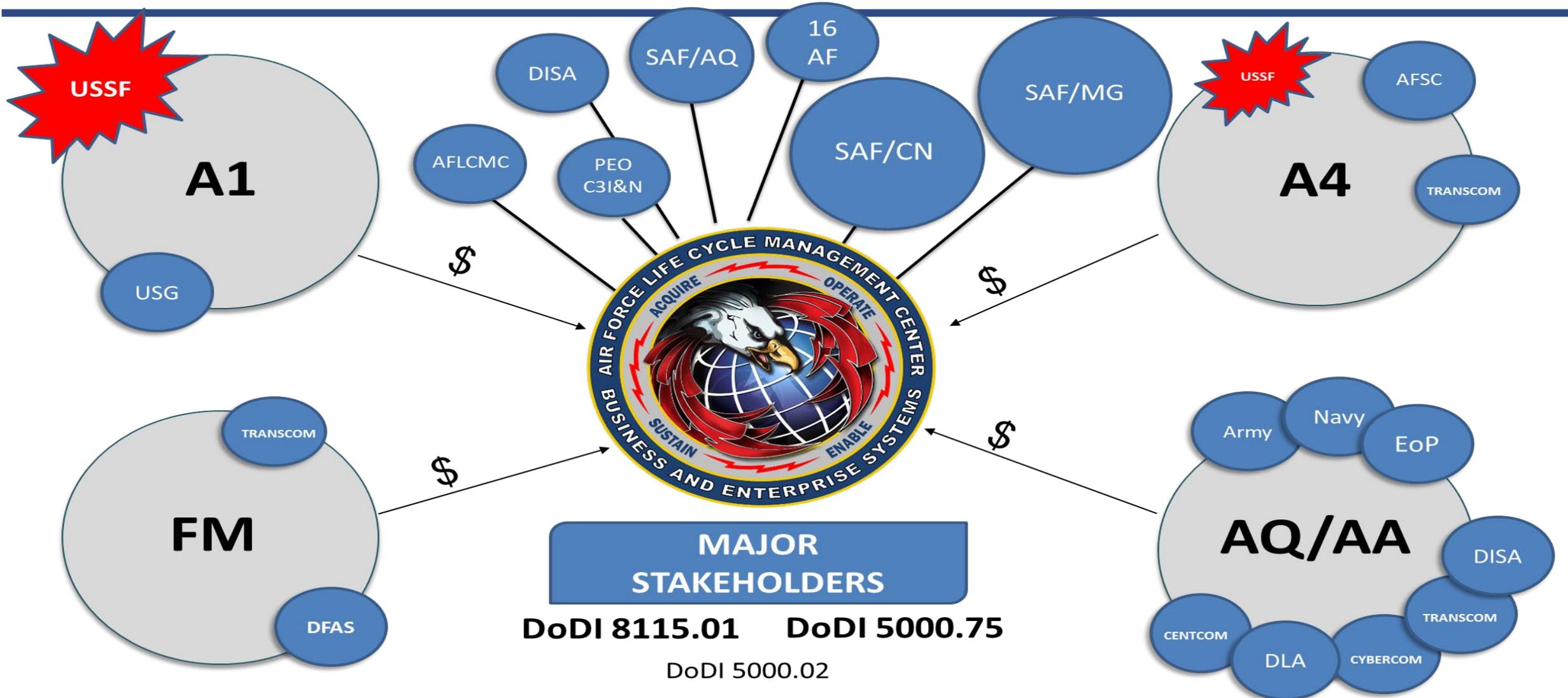
AFPEO BES Directorate

BES at a Glance

129 Programs
~3.3M Total Users

3 States
AL, **OH**, and **TX**
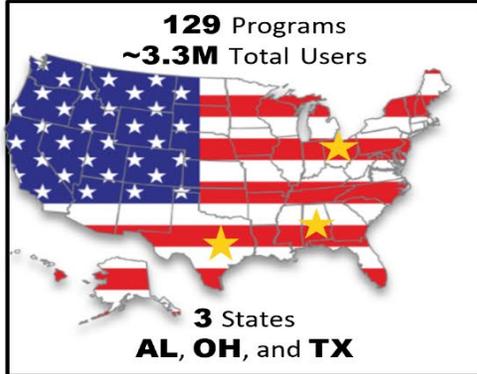
BCAT I	2
BCAT II	8
BCAT III	70
ACAT I (NSS)	1
ACAT III (NSS)	2
O&S (NSS)	8
Support	31
SCAT	7

Over 400 apps, 5 IDIQ contract vehicles w/ $30B ceiling

MISSION
Operate. Integrate. Innovate.

VISION
Delight the User!

BUSINESS AREAS

Civil Engineering	Logistics
Communications	Maintenance
Transportation	Supply Chain
Contracting	Personnel
Accounting	Pay
IT Services	Medical
Acquisition	Infrastructure
PPBE	Operations
Legal	Munitions
IG	Wing Operations
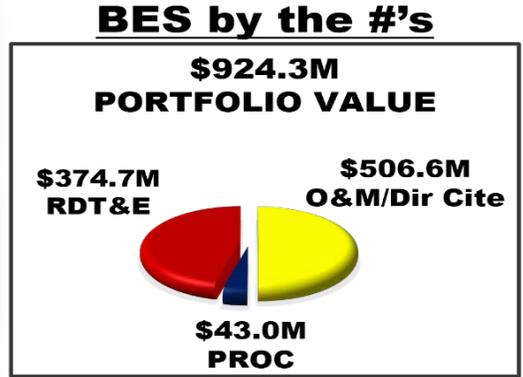
89 DISTINCT CUSTOMERS *and* **200+ STAKEHOLDERS**
Most at the GO/SES level

WE run the **SYSTEMS** that run the **AIR FORCE**

BES by the #'s

$924.3M PORTFOLIO VALUE

$374.7M RDT&E

$506.6M O&M/Dir Cite

$43.0M PROC

2,154 PERSONNEL

- Contractor 1003
- Civilian 764
- Enlisted 281
- Officer 106

FY21 Accomplishments

- ❖ Delivered **12,688** Capability Requirements to Warfighter
  ** 111% Planned vs. Actual
- ❖ **458** Contract Actions, valued at **$546M**

FY22 Business Outcomes

Operate

Innovate

Integrate

Central: **Delight the User**

Surrounding circles:
1. Cultivate Airmen & Family Well-being
2. Deliver Timely Capability
3. Drive Down Technical Debt
4. Develop a Digital Workforce
5. Operationalize Service Delivery
6. Secure the Software Supply Chain
7. Improve TX Experience
8. Promote BMA Efficiencies
9. Partner with Small Business
10. Transition BESPIN to Enduring Capability
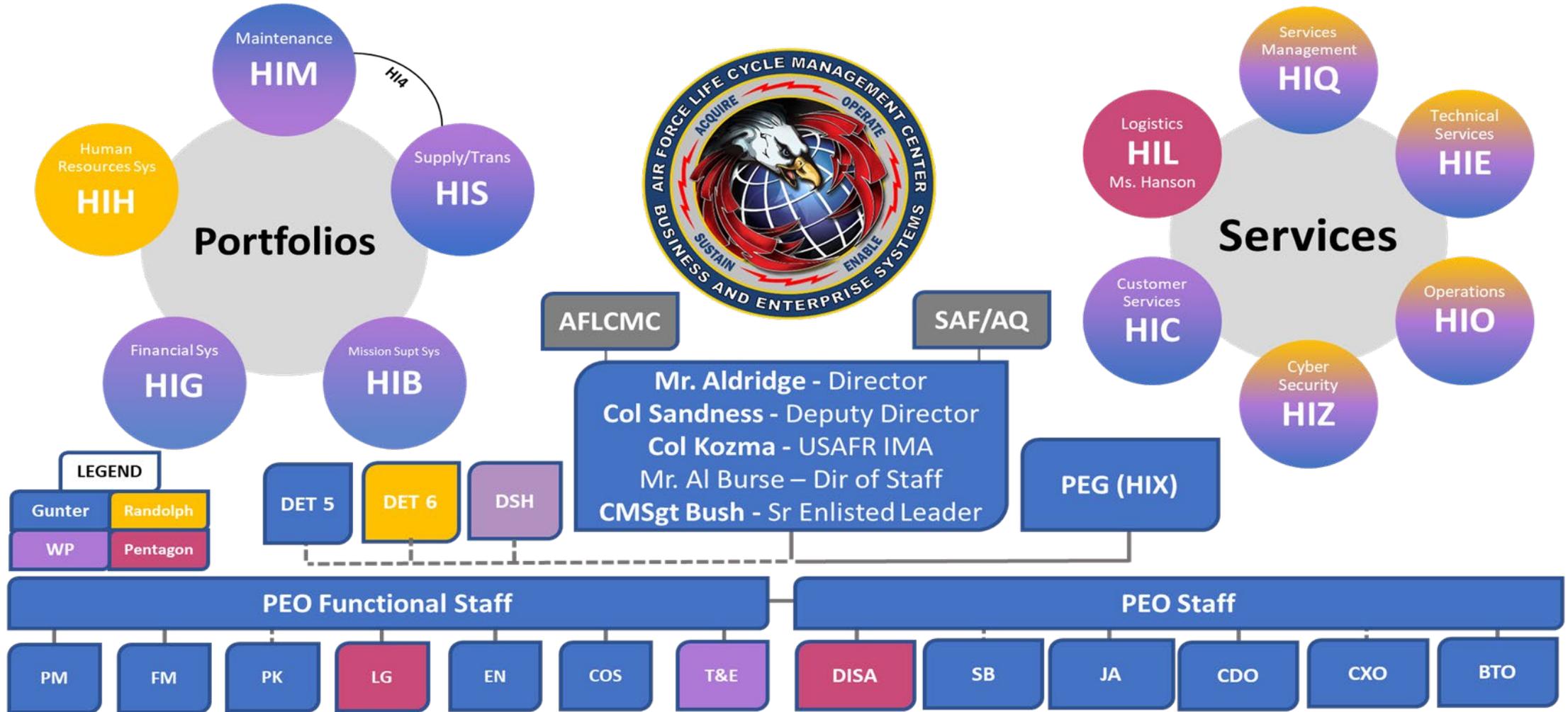
- **Improve velocity, security, and quality of software deployments (2, 3, 5, 6, 7)**
  - **Increase automation (e.g.: CI/CD pipeline)**
  - **Mature Agile & DevSecOps processes**

- **Modernization Initiatives (2, 3, 7, 8)**
  - **Cloud**
  - **Application Prgm Interface (API), SaaS/PaaS**
  - **Edge Caching**

- **Technical Debt (2, 3, 6, 7, 8)**
  - **COTS EOL (e.g.: Powershell, IE)**
  - **Migrate off EOL Platforms (e.g.: DI2E, CIE)**

- **Secure the Software Supply Chain (2, 3, 6, 9)**
  - **Contract modifications**
  - **Expand code scanning**

BMA: Business Mission Area
TX: Total Experience

BES Mission Accomplishments

ILS-S tracks every item in the AF inventory

OLVIMS improves ground transport management

Digital University offers more educational opportunities

AFRIMS improves records management
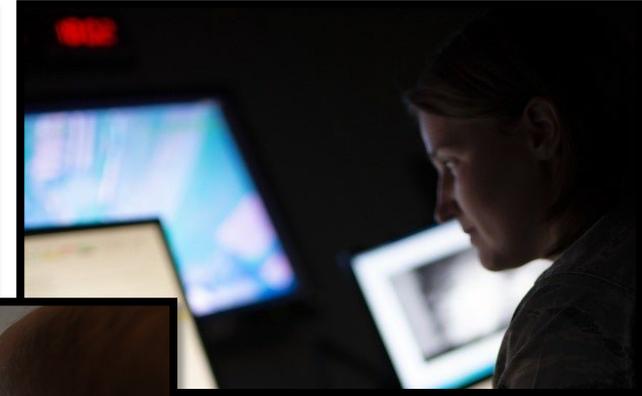
DEAMS script averts legacy file failure

ILS-S CDT develops safety standard for AF body armor
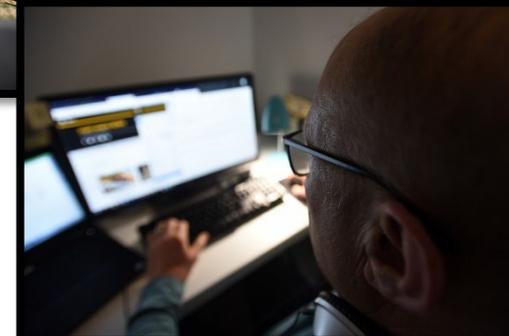
ORACLE ESLA II Awarded

SrA Jace Weldon: 2021 AU Honor Guard Member of the Year
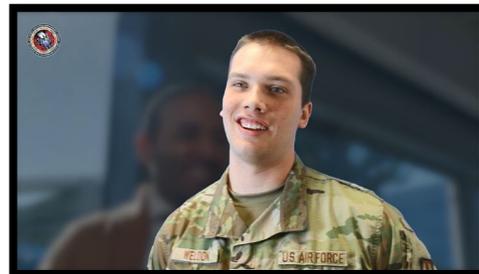
SrA Zurich Wieser thrives in Air Force Gaming Community

14TH ANNUAL VENDOR INDUSTRY DAY

# DR. JOSEPH BESSELMAN
781-879-9216
CHIEF DISRUPTION OFFICER

AND

MR. TOY ROBINSON
DIRECTOR OF ENGINEERING

- **PEO BES is on a continuously disruptive path**
- **Engaged in several bureaucratic battles**
- **Disruption is a Virtue**
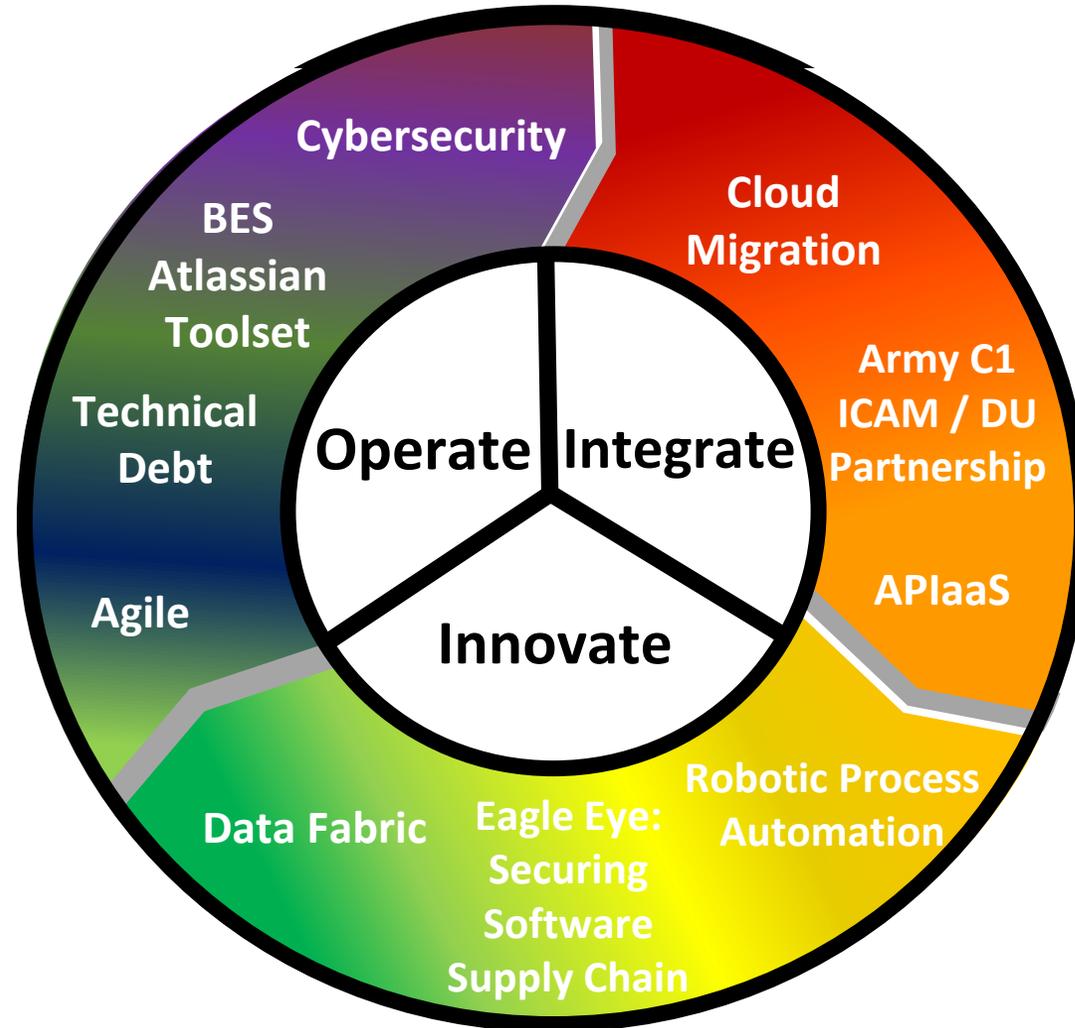
Tactical Threats Driving Eagle Eye

- Massive needless technical variation
  - Scanning Executables, Scanning but doing nothing (grossly inadequate testing in multiple dimensions), myriad of scanning tools, and evolving tool sophistication beyond almost every program
- Blind trust of hundreds of providers and teams delivering executables
- Library variations within and across programs (Cyber & Economic threat)
- Composition and provenance of components and/or libraries (commits?)
- Lack of continuous image integrity in Operations
- Lack of Reachback into Software Supply Chain, even key suppliers
- Auto industry imposes significantly more rigor on suppliers

We Are Accepting Incalculable Risk

Salient Features of Eagle Eye:
## A CROWS / Cloud One / BES Partnership

1. Seek source code for 5-20 pilot programs and introduce more extensive, consistent scanning with concept of release "sell off"

2. Build and evolve concept of SBOM, including company features and Software Composition and Provenance

3. Put eyes on "new" code, likely random components to begin

4. Escrow all code in perpetuity—mimic Tour De France rigor with blood

5. Build our own executables—this helps to fix our most insane practice

6. Introduce automated-driven Penetration Testing on affected projects

7. Use of "approved" Open Source Components and evolve to "required use" and hashing and continuous interrogation

8. Evolve effective use of automation, tools and findings vice deep understanding of Software and Security Engineering features

Open Source Component Vulnerability

Checkmarx OSA for BES

- 25, 39%
- 39, 61%

Legend: ■ OSA Enabled ■ OSA Not Enabled

Vulnerability Risk

- 35, 2%
- 556, 38%
- 889, 60%

Total - 1480 vulnerabilities

Legend: ■ High ■ Mod ■ Low
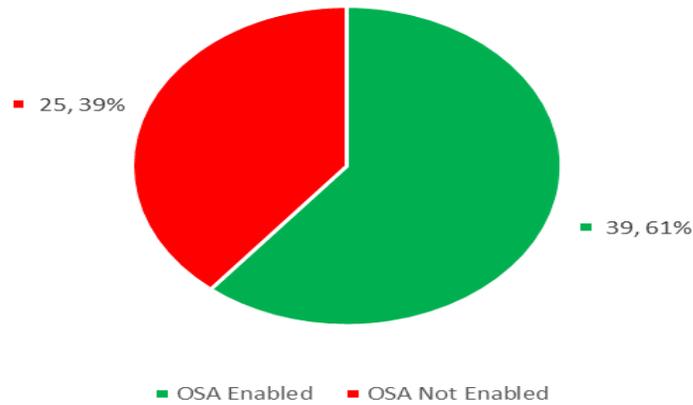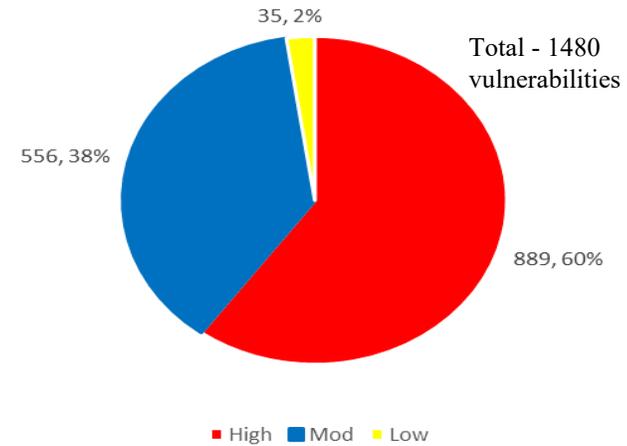
Number of Vulnerable OSA Components

- 5 systems
- 12 systems
- 5 systems
- 6 systems
- 11 systems

Legend: ■ 0 ■ <=5 ■ >5 and <=15 ■ >15 and <30 ■ >30
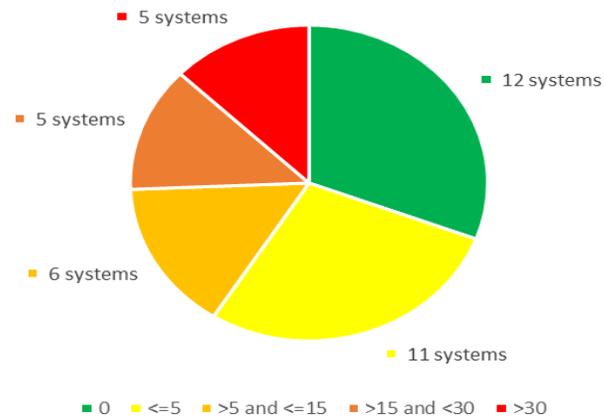
Multiple Versions OS Components

# Different Versions	# System OS Components
2	38
3	13
4	3
5	1
6	1
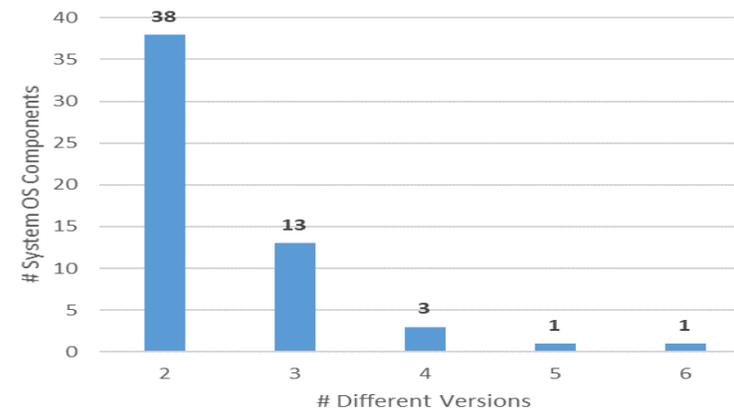
Common Vulnerable OS Components

OS Component	# Systems	# Versions
jquery	16	17
commons-collections:commons-collections	12	9
commons-beanutils:commons-beanutils	10	5
com.fasterxml.jackson.core:jackson-databind	9	8
commons-fileupload:commons-fileupload	9	3
commons-codec:commons-codec	8	4
commons-io:commons-io	8	4
lodash	8	1
log4j:log4j	8	7
org.springframework:spring-web	8	11
org.springframework:spring-webmvc	8	9
org.apache.httpcomponents:httpclient	7	9
org.bouncycastle:bcprov-jdk15on	7	6
bootstrap	6	6
org.apache.santuario:xmlsec	6	4
com.google.guava:guava	5	3
org.apache.commons:commons-collections4	5	2
org.apache.velocity:velocity	5	1
org.hibernate:hibernate-core	5	5

*136 Vulnerable OS Components
**27 BES Systems

Robotic Process Automation (RPA)

- **PEO BES or RPA COE focus: Licensing, Operations, Training, Contest next Summer, and Innovation Pathways/AFRL linkages**

- **Case File Helper Bot really cool and a "family of Bots"**

- **RPA is Programming and old tech**

- **Airmen are great at the Innovative Idea, but Operationalizing is the challenge**

- **Challenges**
  - —— Remains a pick-up game within our PEOs—great assistance from Cloud One
  - —— Lots of fingers in the pie with direction, distractions
  - —— Funding for the Security features in Cloud One to enable Unattended BOTs
  - —— Culture, processes, and Org Shape not conducive to Innovation in the 21st Software Century

14TH ANNUAL **VENDOR INDUSTRY DAY**

SMALL BUSINESS UPDATES AND OPPORTUNITIES

MS. YOLANDA MCCAIN
DIRECTOR, SMALL BUSINESS PROGRAMS

Business & Enterprise Systems

Innovate, Accelerate, Thrive – The Air Force at 75

Small Business Office

Mrs. Yolanda B. McCain

Director, Small Business Programs

Small Business Director Yolanda B. McCain

BES Small Business Office

Vision: Create a culture that looks to Small Business first for innovative, agile, affordable, and timely solutions to meet the evolving needs of our warfighter.

Mission: Direct, manage, and oversee small business program to ensure maximum practicable small businesses opportunities in acquisitions by championing small businesses and their ability to provide relevant solutions to meet the needs of the warfighter, advocating for acquisition strategies that provide maximum practical small business participation, performing industry outreach and connecting small business partners and their solutions with Air Force needs and priorities.

FY21 – Another Banner Year for BES

	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY22
B&ES SB Goal (%)	28.30%	32.63%	33.20%	38.73%	37.17%	41%	41.06%	27.34%	48.17%	51.57%
B&ES SB Actual (%)	32.52%	33.67%	40.54%	46.74%	49%	45%	50.51%	56.51%	53.28%	
Trend Line	28.30%	32.63%	33.20%	38.73%	37.17%	41%	41%	56.51%	53.28%	
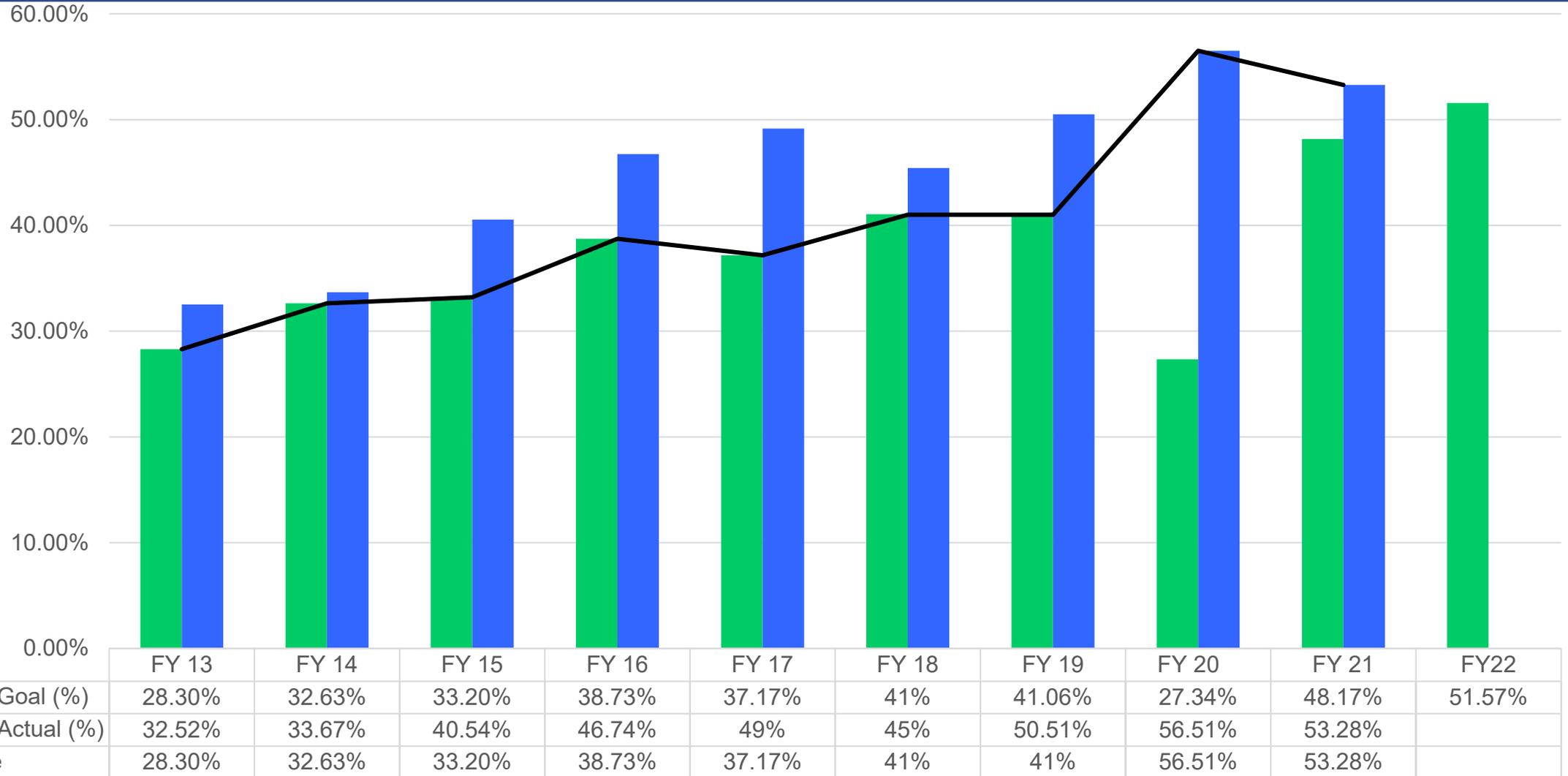
BES SBO Coming soon...

- **BES "Small Talk" Podcast**
  - Quarterly forum
    - Featured Speakers
    - Program Spotlights
  - On-demand replay via SBO webpage

- **BES Smart Guide**
  - Quarterly updates

- **BES SBO "SMALL BITS"**
  - Features Tidbits of Small Business-related information
  - Upcoming Small Business events at BES, AFLCMC and Air Force level
  - Located on SBO website

90 Day Event Outlook

- **AFLCMC LCID 2022**
  - 10 – 12 August 2022
  - Dayton Convention Center, Dayton, OH

- **DAFITC 2022**
  - 29 August – 31 August 2022
  - Renaissance Hotel and Conference Center Montgomery, AL

- **Unique Entity ID (UEI) Code**
  - Effective 4 April 2022 the identifier of record for all entities in the IAE system
    - Entities already registered have been assigned UEI by SAM
    - UEI generated via SAMS upon registration for new entities
  - Replaced use of DUNS code
  - No effect on CAGE codes
  - Update capability statements to include the UEI

- **2022 SBA Size Standards and NAICS**
  - 468 Size Standards reviewed – 229 standards increased
  - Expanded eligible NAICS for WOSB from 444 codes to 759 codes

- **GSA 8(a) STARSIII GWAC - 8(a) Sole Source Eligibility**
  - IAW STARS III user guide - Sole Source Awards must be offered and accepted by SBA
  - IAW CFR 124.503(i)(iv) to be eligible for a sole source order, a concern must be current participants in the 8(a) BD program at the time of award.

- **Network Operations (NetOps) and Infrastructure Solutions Small Business Companion**
  - Ordering period ended 1 April 2022
  - Performance continues through 1 April 2025

Stay Connected

BES Social Media

Small Business Website: www.airforcebes.af.mil/Units/Small-Business-Office/

BES Website: www.airforcebes.af.mil

Email: BESVendorComm@gmail.com

twitter.com/AirForceBES   facebook.com/AirForceBES   instagram.com/AirForceBES

SAF/SB Social Media

Website: www.airforcesmallbiz.org

Email: answerdesk@airforcesmallbiz.org (Customer Service)

twitter.com/AFSmallBiz   facebook.com/airforcesmallbiz   linkedin.com/company/airforcesmallbiz

Small Business Enterprise Application Solutions

HIK Enterprise Services

G

Program Manager:
Ms. Nicole Looney: (334) 416-4269

Contracting Officer:
Mr. Patrick Kennerson: (334) 416-4606

Program Description: SBEAS provides access to a wide range of IT services and solutions that support the IT lifecycle. It is available for use by Business and Systems Enterprise (BES), AF MAJCOMs and other agencies that support an Air Force requirement. SBEAS is the BES mandated source for obtaining IT Services and Solutions within its scope and the preferred source for all other MAJCOMs and DoD Agencies that support an Air Force requirement.

Objective: Provide the USAF, MAJCOMs and other DoD Agencies with a wide range of IT services and solutions that support the IT lifecycle.

Scope: The comprehensive suite of IT services and IT solutions to support IT systems and software development in a variety of environments and infrastructures. Additional IT services include, but are not limited to documentation, operations, deployment, cybersecurity, configuration management, training, commercial off-the-shelf (COTS) product management and utilization, technology refresh, data and information services, information display services and business analysis for IT programs.

Acquisition Approach:

Multiple Award Indefinite Delivery/Indefinite Quantity (IDIQ) Contract

CLIN Types:

Supports all fixed type, all cost reimbursable, and time and material/labor hour CLINS

Ordering Period:

Dec 2019 – Dec 2029 (One 5-year Base Period + One 5-year Option Period)

End of Performance:

Dec 2034

Dollar Value:

$13.4B

NAICS Code:

541511 – Custom Computer Programming Services

Small Business Set Aside:

Yes

SBEAS Contract Directive

20 October 2020

MEMORANDUM FOR BUSINESS AND ENTERPRISE SYSTEMS (BES) PORTFOLIOS AND SERVICE DOMAINS

FROM: AFPEO/BES

SUBJECT: BES Small Business Enterprise Application Solutions (SBEAS) Contract Directive

Reference: (a) AFPEO/BES Memo, 30 Mar 20, Acquisition Delegation Authority and Process

1. Air Force (AF) Information Technology (IT) resources must maintain an acceptable balance of cost, capability and security to support our increasingly net-centric military operational environment. The SBEAS Indefinite Delivery/Indefinite Quantity (ID/IQ) contract vehicle includes the comprehensive suite of IT services and solutions to support IT systems and software development in a variety of environments and infrastructures and will provide customers access to a wide range of IT netcentric services and solutions that support the IT lifecycle. Additional services include, but are not limited to, documentation, operations, deployment, cybersecurity, configuration management, training, commercial off-the-shelf (COTS) product management and utilization, technology refresh, data and information services, information display services and business analysis for IT programs. Additional information regarding the SBEAS ID/IQ contract vehicle can be located at https://www.netcents.af.mil/Contracts/SBEAS/.

2. The SBEAS Multiple Award ID/IQ contract vehicle awarded 19 December, 2019 is the BES mandated source for obtaining IT services and solutions that are within its scope.

3. Responsibility of scope determinations reside with the Ordering Contracting Officer (OCO) issuing the task order. Considerations for BES IT requirements contract vehicles must be given to the SBEAS ID/IQ contract first; all within scope acquisition requirements, except for all 8(a) awards, must utilize the SBEAS ID/IQ contract. For those determined not to be in scope, the Decision Authority (Reference (a)) may proceed accordingly. The OCO may contact the SBEAS PMO for additional support when making scope determinations through the SBEAS Organizational Box at AFLCMC.HIC.SmallBusiness@us.af.mil.

4. Waivers are required for all within scope BES requirements not utilizing the SBEAS ID/IQ. Waivers must be approved by the Decision Authority (Reference (a)) and include a justification for non-use. The OCO will submit all approved waivers to AFLCMC.HIC.SmallBusiness@us.af.mil and the SBEAS PMO will provide a quarterly waiver report to the BES Program Executive Officer.

5. My POC for this action is the SBEAS PMO via AFLCMC.HIC.SmallBusiness@us.af.mil.

ALDRIDGE.RICHA RD.T.1015064842 Digitally signed by ALDRIDGE.RICHARD.T.1015064 842 Date: 2020.10.20 13:10:29 -05'00'

RICHARD T. ALDRIDGE, SES, DAF
Program Executive Officer

SBEAS IS THE BES MANDATED SOURCE FOR OBTAINING IT SERVICES AND SOLUTIONS WITHIN ITS SCOPE AND THE PREFERRED SOURCE FOR ALL OTHER MAJCOMS AND DOD AGENCIES THAT SUPPORT AN AF REQUIREMENT.

SBEAS Awardees

Contract Number	Offeror Name	Joint Venture Partners
FA8771-20-D-0001	1CyberForce, LLC	Yakshna Solutions, Inc.; IndraSoft, Inc.
FA8771-20-D-0002	American Tech Solutions, LLC	American Operations Corporation (AOC); Bluewater Federal Solution, LLC
FA8771-20-D-0003	Citizant, Inc.	N/A
FA8771-20-D-0004	Concept Plus, LLC	N/A
FA8771-20-D-0005	Definitive Logic	N/A
FA8771-20-D-0020	Eminent JV, LLC	Eminent IT, LLC; InfoReliance, LLC
FA8771-20-D-0006	Inserso Corporation	N/A
FA8771-20-D-0007	Invictus JV, LLC	C2 Solutions Group, Inc.; Knight Point Systems, LLC
FA8771-20-D-0008	IPT-Exeter, LLC	Interactive Process Technology, LLC; Exeter Government Services, LLC
FA8771-20-D-0009	LifeCycle Solutions JV, LLC	Illumination Works, LLC; DSD Laboratories, Inc.
FA8771-20-D-0011	Mission Assured Solutions, LLC	Karthik Consulting, LLC Versa Integrated Solution, Inc.; Enterprise Since and Computing, Inc.
FA8771-20-D-0012	Obsidian Global, LLC	N/A
FA8771-20-D-0013	OM Partners, LLC	Om Group, Inc. iLink Systems, Inc.; Plateau Software, Inc.
FA8771-20-D-0014	Red Cedar Harmonia, LLC (RCH)	Red Cedar Consultancy, LLC; Harmonia Holdings Group, LLC
FA8771-20-D-0015	Riverside Engineering, LLC	Soliel, LLC; Booz Allen Hamilton Inc.
FA8771-20-D-0016	Salience Technologies, LLC	Freealliace.com, LLC; 22nd Century Technologies, Inc.
FA8771-20-D-0017	Shearwater Mission Support, LLC	Shearwater Systems, LLC; TechFlow, Inc.
FA8771-20-D-0018	Tri-ESA, LLC	Esolution Architects, Inc.; TRI-COR Industries, Inc.
FA8771-20-D-0019	Zigabyte Corporation	N/A

Total Value of SBEAS Task Order Awards: $283,530,052.93

SBEAS Marketing Efforts

- **Virtual Roadshow Training**
  - **Conducted training for U.S. Space Force, MacDill AFB, Kirtland AFB, and Maxwell AFB – 160 personnel attended**
  - **Upcoming training sessions for BES HIK at Gunter, Wright Patterson, and Randolph in June**
  - **Participating in the AF Installation Contracting Center's July Crosstalk**
- **DAFITC 2022**
  - **Providing training seminar**

SBEAS IDIQ Support

SBEAS

PURPOSE:
The Air Force Small Business Enterprise Applications Solutions (SBEAS) is the replacement Indefinite Delivery/Indefinite Quantity (IDIQ) vehicle for Application Solutions Small Business currently in use via NETCENTS2 IDIQ. The purpose of this IDIQ Contract is to provide a vehicle for customers to access a wide range of Information Technology (IT) Network Centric services and solutions that support the IT lifecycle. While the SBEAS contract is mandatory use for the Business Enterprise Systems (BES) Directorate, this contract vehicle may be used by all other Air Force MAJCOMS and other agencies that support an Air Force requirement.

SBEAS SCOPE:

The scope of this IDIQ includes the comprehensive suite of IT services and IT solutions to support IT systems and software development in a variety of environments and infrastructures. Additional IT services include, but are not limited to documentation operations, deployment, cybersecurity, configuration management, training, commercial off-the-shelf (COTS) product management and utilization, technology refresh, data and information services, information display services and business analysis for IT programs.

SBEAS NEWS

SBEAS UPDATE: 13 August 2019

Industry Partners,

The anticipated award date is 1st quarter of fiscal year 2020. Timeline to award is now directly contingent upon how quickly GAO rules on outstanding protests. See outstanding protests at the link below.

https://www.gao.gov/legal/bid-protests/search?page_name=bid_protest_docket&openclosed=All&agency=All&snumber=+FA8771-17-R-1000&protestor=&q=&filenum=&Submit=Search#search

FOR DETAILED STATUS ON THE SBEAS ACQUISITION (SEE FBO) https://www.fbo.gov/index?s=opportunity&mode=form&id=9d29e230ed4f1cb0906d7bf88f32ee80&tab=core&_cview=1

For more information contact:
AFPEO BES/HIKJ Contract/Program Assistance
Small Business Enterprise Application Solutions
AFLCMC.HIC.SmallBusiness@us.af.mil

NAV & WEBLINKS

NETCENTS CONTRACTS ▼

- NETCENTS-2
  - Documents
  - NetCentric Products
    - Documents
  - NetOps and Infrastructure
    - Documents
  - Application Services
    - Documents
- SBEAS
  - Documents
- Training

AFWAY

ESI

FEDBIZOPS

ITCC - AF PORTAL

MAXWELL-GUNTER ANNEX

CONTACT US

Please Contact the NETCENTS Team if you require one of our documents or templates in a non-PDF format. Email file limitation is 5MB.

Click on the image below to navigate to our Contact NETCENTS Team Webpage.

https://www.netcents.af.mil/contracts/sbeas/

MISSION SUPPORT SYSTEMS AFLCMC/HIB

HIB – Mission Support Systems

Ms. M. Angela Micheal
Chief, Mission Support Systems
HIB – South
Gunter Annex, AL

Mr. Joseph Arata
Deputy, Mission Support Systems
HIB – North
Wright-Patterson AFB, OH

The Mission Support Systems (AFLCMC/HIB) portfolio is comprised of programs/capabilities in acquisition & sustainment supporting the entire Air Force with Contracting Systems, Air Operations Support, Enterprise Systems, Medical Systems, Acquisition Support, and War Planning.

HIB Portfolio Numbers
$115.91M Annual Funding
$563.13M FYDP (FY 2023-2027)

Total Programs: 27

1	ACAT I (NSS)
2	ACAT III (NSS)
1	BCAT II
16	BCAT III
5	Operations & Supt (NSS)
2	Investment Activities

Wright-Patterson AFB, OH

Contracting Systems

Acquisition Support

Enterprise Systems

Gunter Annex, AL

Air Operations Support

Medical Systems

War Planning

Personnel: 274
Military: 63
Civilian: 83
Contractor-A&AS: 128

1,000,000+ user accounts

WE *run the* **SYSTEMS** *that run the* **AIR FORCE!**

HIB
Mission Support Systems

Logistics Module (LOGMOD) and Base Support and Expeditionary Planning Tool (BaS&E)

G

Capability Delivery Managers:
Ms. Makeysha McKinnis: (334) 416-4355
Capt Johnathan McAllister: (334) 416-4444

Contracting Officer:
Capt William Adams: (334) 416-4349

Program Description: LOGMOD provides web-based C2 capability for deployment and/or reception planning, execution to support worldwide deployments of forces across the Total Force. LOGMOD effectively imports the planning data of a campaign created in the Joint Operational Planning and Execution System (JOPES). Headquarters Air Force (HAF) and Major Command (MAJCOM) visibility allows oversight and planning for all Air Force logistics commitments. Base Support and Expeditionary Planning (BaS&E) is a system that supports the base support and expeditionary site planning processes by identifying resources and combat support requirements at planned and potential employment locations. It provides bed-down capability analysis, limiting factor identification, and facilitates force tailoring decisions. BaS&E captures all aspects of a site/location such as flight line, housing and transportation to determine which location can best support incoming forces based on tasking.

Objective: Software Operations and Sustainment Support.

Scope: The US Air Force (USAF) seeks to sustain, ensure continuity of operational service, and enhance system functionality for end-users utilizing product teams for both BaS&E and LOGMOD based on system needs. This includes user story collaboration, needs analysis, coordination of design, software development, incorporating Risk Management Framework (RMF) concepts to meet RMF objectives, code and unit testing, database and system administration, integration testing, implementation, and sustainment. These continuous development projects will use agile development principles, with robust documentation, user-centered design, and an extensible infrastructure.

Acquisition Approach/Contract Vehicle (If known):

8(a) Competitive/8(a) STARS III

Period of Performance:

April 2023 – April 2027 (One year base period plus three 1-year option periods)

Anticipated FOPR Release Date:

4QFY22

Estimated Dollar Value:

$10M

NAICS Code:

541511 – Custom Computer Programming Services

Small Business Set Aside:

Yes

Incumbent:

FEDITC, LLC, FA8771-20-F-0036

Enterprise Architecture Services (EAS)

G

Capability Delivery Manager:
Mr. Matthew West: (334) 416-5057

Contracting Officer:
Ms. Lashunya Johnson-Vinson: (334) 416-5234

Program Description: Provides guidance and Task Order services on developing integrated Department of Defense Architecture Frameworks (DoDAF) artifacts, best practices on the use of architectures (i.e., business process reengineering, capability requirements, technical standards, and cloud migrations), and certifications which require DoDAF products (Interoperability, Business Enterprise Architecture (BEA), Clinger-Cohen Act (CCA)).

Objective: Provides AF PEO BES with a source of highly trained and skilled Enterprise Architects that develop compliant architecture products supporting requirements and design activities for the warfighter.

Scope: Architecture-specific technical expertise and other input as required, for managed and/or developed Enterprise Architecture (EA) for Automated Information Systems (AISs). Provide technical expertise to program offices in their efforts to develop architecture artifacts within each PMO's required views and deliverables. Assemble architecture information from business and/or system artifacts and create the appropriate architecture view/model. Provide expertise navigating architecture requirements for Information Support Plans (ISP), Net-Ready Key Performance Parameter (NR-KPP), and/or Joint Interoperability Certification (JIC). Produce Air Force and Joint compliant ISPs.

Acquisition Approach/Contract Vehicle (If known):

8(a) Sole Source

Period of Performance:

TBD (One year base period plus four 1-year option periods, and one 6-month extension)

Anticipated RFP Release Date:

4QFY22

Estimated Dollar Value:

$25M - $35M

NAICS Code:

541512 – Computer Systems Design Services

Small Business Set Aside:

Yes

Incumbent:

Bowhead Business and Technology Solutions, LLC, FA8771-18-D-0001

14TH ANNUAL VENDOR INDUSTRY DAY

FINANCIAL SYSTEMS
AFLCMC/HIG

HIG – Financial Systems Portfolio

Responsible for 10 Programs

Wright-Patterson AFB	Gunter
▪ JOCAS II	▪ GAFS
▪ CRIS	▪ IAPS
▪ DEAMS	▪ SMAS
▪ APO	▪ PBES
▪ KDSS	
▪ CMS	

Portfolio Value: $3B

Walter Bustelo, Col, USAF
Senior Materiel Leader
Wright-Patterson AFB, OH

Jaylene Carteret, NH-04, USAF
Deputy
Maxwell AFB–Gunter Annex, AL

Mission

Provide the best financial tools to run the Department of the Air Force Worldwide

Vision

Develop integrated, reliable and auditable financial systems for the Department of the Air Force

Customers

- **SAF/FM, DFAS, USTRANSCOM, AFMC/FM, AFMC/A8, ANG, AFRES and US Space Force**
- **65K Users Worldwide**

Business & Enterprise Systems

I n t e g r i t y - S e r v i c e - E x c e l l e n c e

Program Overview

Defense Enterprise Accounting and Management System (DEAMS)
**AFLCMC/HIG**
BCAT I

25 May 2022
SML: Col Walter Bustelo
CO: Michael Carbone

DEAMS Program Summary

Program Visualization
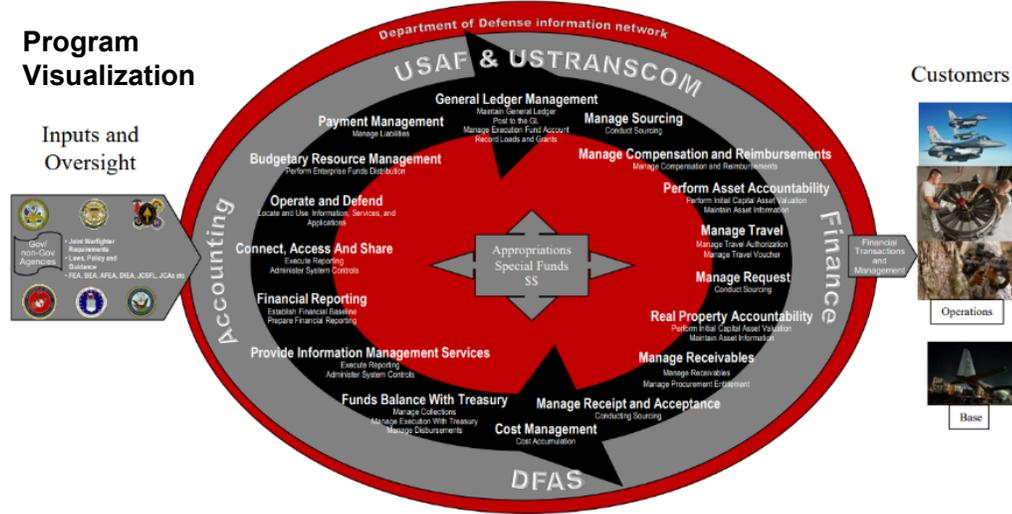
Program Description/Requirements

- AF's core accounting & finance system supporting:
    - All AF MAJCOMs & Unified Commands where AF is executive agent
    - General Fund/Transportation WCF control, execution & reporting
    - DFAS services provided to Air Force customers
- Delivers accurate, reliable, timely, and auditable FM info
    - Integrate disparate financial management systems
    - Standard business practices and software configurations
- 17,000+ users (anticipate increase of 4,500 users with delivery of new capabilities) / Deployed to over 170 installations
- Selected as USAF Agile Pilot per 2019 NDAA

Program Successes FY21:

- Achieved Full Deployment Program Milestone
- Met Treasury Direct Disbursing (TDD) Mandate
- Moved Development/Test/Training Environments to OCI Cloud
- Executed $73B; increase of $29B from FY20
- Processed 1.2B Journal Entries; increase of 200M from FY20

Program Challenges

- Tech Stack Upgrade for DEAMS Oracle Middleware (SOA, OAM, OID and ADF) and all Oracle Databases before vendor supports ends
- Migration of all DEAMS interfaces from Legacy ESB 1.0 to DLA based Global Exchange (GEX) solution
- Reduce/remove custom coding within system
- Move DEAMS Production Environment from DISA to Oracle Cloud
- Continued cybersecurity improvements

Program Status:

- PMO structured around Development, Test, Cyber, Execution, and Ops IPTs
- All Development in Oracle Cloud Infrastructure; moving Test and Prod next
- Adopted Portfolio Scaled Agile Framework (SAFe) configuration
    - Agile dev teams follow a 12-week cadence consisting of four 3-wk sprints
    - Utilize Kanban / Scrum methodology
    - Maturing DevSecOps pipeline and Automated Testing of Releases
- Financial Management Functional Program Priorities
    - G-Invoicing - Upgrades eBS to enable use of OOTB Inter-Governmental/Inter-Departmental purchase request and invoicing features
    - Civ-Pay Restructure - Reduces process time from 2 wks to 3 days
    - Treasury Direct Disbursement - Improves daily Funds Balance with Treasury (FBWT) accuracy through direct interfaces with Treasury Dept.

Schedule

DEAMS Activities	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30+

Acquisition
System Integrator (SI) — DRAM-A, Contract Award, DADR, Follow-on Contract, Contract Award

Program Milestones
Follow-on Test & Evaluation
Capability Support Authority To Proceed

End User Capability
Reporting
Treasury Direct Disbursing — Phase 1, Phase 2, Phase 3
Audit Compliance
CCD Backlog*

New User Deployments
Note: Deployments are notional, dependent on capability releases — AFMC Incremental/AFDW Deployment, Acquisition, Labs/Ranges, Sustainment

Platform Capability - Cloud Migration
Dev Environments move to OCI
Migrate PROD to Cloud
DevSecOps

Technical Debt Reduction

Sustain Deployed System Baseline

*Continuous Capability Development (CCD)

Agile Backlog Targeted for Development
- Acquisition Program Accounting
- DoD Initiatives
- Complete Base Level Capability
- Future Business System Integration
- Legacy Sunset

Legend:
◇ Scheduled ◆ Completed
◇ Notional ☆ Milestone
▽ Minimum Viable Product (MVP)
△ Minimum Viable Capability Release (MVCR)

Defense Enterprise Accounting and Management System (DEAMS) Technical SME Support

HIG Financial Systems

WP

Capability Delivery Manager:
Maj Brian Riley: (937) 713-0893

Contracting Officer:
Mr. Micah Flax: (937) 713-0948

Program Description: DEAMS is an accounting Enterprise Resource Planning (ERP) solution based on the Oracle e-Business Suite (EBS), for the USAF and the United States Transportation Command (USTRANSCOM) as established by the Assistant Secretary of the Air Force, Financial Management and Comptroller (SAF/FM). DEAMS provides accurate and timely financial information using standardized business rules and processes and complies with existing laws, regulations and policies. DEAMS is a long-term solution toward sustaining audit readiness and correcting financial reporting weaknesses. The Program and Functional Management Offices reside at Wright-Patterson AFB in Dayton, Ohio.

Objective: Acquire the services necessary to support and sustain the DEAMS program in order to achieve a fully integrated and auditable financial management system.

Scope: Subject matter expertise to support agile requirements, design, development, testing and deployment across the DEAMS program.

Acquisition Approach/Contract Vehicle (If known):

TBD, Pending Market Research

Period of Performance:

November 2022 – November 2027 (One year base period plus four 1-year option periods)

Anticipated RFP Release Date:

4QFY22

Estimated Dollar Value:

$60M

NAICS Code:

541512 - Computer System Design Services

Small Business Set Aside:

Yes

Incumbent:

LinTech Global, GS06F1116Z, FA8770-18-F-0511
DDC-IT Services LLC, FA8770-17-C-0514
Evanhoe & Associates Inc., GS06F0693Z, FA8770-18-F-0501

Program Budget Enterprise System (PBES)

HIG Financial Systems

G

Capability Delivery Manager:
Ms. Gena Howard: (334) 416-6982

Contracting Officer:
Capt Turner Walton: (334) 416-7165

Program Description: PBES is a single solution software development effort that will utilize a service-oriented architecture (SOA) to deliver budgeting and programming capability for the USAF. PBES replaced legacy systems ABIDES, RAPIDS, FSDM and ETT. PBES delivers transparent and timely resource allocation decisions, conducts comprehensive and accurate financial analysis and facilitates decision making throughout Strategy Definition, Program Planning, Programming, Budgeting and Execution. Additionally, PBES processes strategic management of USAF programs assisting with compliance reporting, including performance-based budgets, performance accountability reports, and program assessment and evaluations.

Objective: Continued Sustainment of the PBES system.

Scope: Agile software release, system sustainment, Level 3 help desk, user training.

Acquisition Approach/Contract Vehicle (If known):

Small Business Enterprise Applications Solutions (SBEAS)

Period of Performance:

December 2022 – June 2028 (One-year base period plus four 1-year option periods, and one 6-month extension)

Anticipated FOPR Release Date:

4QFY22

Estimated Dollar Value:

$26M

NAICS Code:

541512 - Computer Systems Design Services

Small Business Set Aside:

Yes

Incumbent:

Definitive Logic Corporation, NNG15SC33B, FA877118C0001

14TH ANNUAL VENDOR INDUSTRY DAY

HUMAN RESOURCES SYSTEMS
AFLCMC/HIH

HIH – Human Resources Systems Division

Mr. Ronnie Carter
Chief, HR Systems Division

Mr. Dan Cantu
Deputy, HR Systems Division

- 17 Programs: 1-BCAT I, 1-BCAT II, 15-BCAT III
- Development and Sustainment Portfolio: Personnel systems and web applications for Active Duty, Reserve, Guard and Civil Service

- Co-located with AF/A1 Units (AFPC, A1 DTA, and the AFIPPS FMO) to collaboratively plan, develop and sustain HR IT systems
- Funded primarily by AF/A1 (RDT&E + O&M)

Civilian	Military	Contractors (EPASS, HRSTS, Other)	Total Workforce
82	9	214	**305**

We develop and sustain IT solutions that deliver support to every Airman...everyday

14TH ANNUAL VENDOR INDUSTRY DAY

HUMAN RESOURCES SYSTEMS TECHNICAL SUPPORT (HRSTS)

MR. MATTHEW BAKER
CAPABILITY DELIVERY MANAGER

MS. COLLEEN KOON
DIVISION CHIEF HIK

Human Resources Systems Technical Support (HRSTS)

HIH — Human Resources Systems

R

Capability Delivery Manager:
Mr. Matthew Baker: (210) 565-2685

Contracting Officer:
Ms. Colleen Koon: (210) 565-4232

Program Description: AFLCMC/HIH, using Contractor technical support, acquires and maintains IT systems that support the Air Force human resources mission and the operations at JBSA-Randolph, TX 78150. The organization's mission is to deliver a global 24/7 Total Force (TF) personnel service capability providing integrated, standardized systems that are easy to access and use. The Contractor shall provide IT Application maintenance, development, migration, integration, and test support to these systems.

Objective: Software maintenance and development services for human resources systems supporting HAF/A1, S1, AFPC, AETC, ARPC, and NGB.

Scope: Analysis of requirements, development, cybersecurity, configuration management (CM), test and evaluation, database (DB) applications operations support, tools (client server administration), standard desktop configuration (SDC), test and development environment (T&DE), migration, integration, and documentation support to a variety of software systems that support the USAF and USSF total force personnel services mission.

Acquisition Approach/Contract Vehicle (If known):

SBEAS

Period of Performance:

August 2023 – July 2028 (One year base period plus four 1-year option periods)

Anticipated FOPR Release Date:

1QFY23

Estimated Dollar Value:

$100M - $200M

NAICS Code:

541511 - Custom Computer Programming Services

Small Business Set Aside:

TBD

Incumbent:

Diversified Technical Services, Inc., FA877112D1004/FA873418F0012,

NETCENTS-2 Applications Services SB

14TH ANNUAL **VENDOR INDUSTRY DAY**

FIELD ASSISTANCE SERVICE (FAS)

MR. MICHAEL "WAYNE" WHETSELL
HIO CHIEF, ENTERPRISE OPERATIONS

MS. CATRINA LEWIS
CONTRACTING OFFICER

HIO
Operations

Field Assistance Service (FAS)

G

Capability Delivery Manager:
Ms. Corlis Allen: (334) 416-7492

Contracting Officer:
Capt Turner Walton: (334) 416-7165

Program Description: The FAS provides help desk support to approximately 80 applications systems developed, acquired, and maintained Combat Support Information Systems (CSIS) and communication computer systems.

Objective: Provide around the clock professional response to user trouble calls to prevent adverse impacts on user missions and degraded system support to those users. FAS personnel respond to trouble reports and calls by providing first level technical support on application software, hardware, operating system, network connectivity, and system documentation problems.

Scope: The Field Assistance Services is a frontline 24/7/365 Tier-1 help desk support for the Air Force and other Department of Defense users worldwide. Provide system specific knowledge to resolve incidents related to enterprise applications supported by the FAS.

Acquisition Approach/Contract Vehicle (If known):

Small Business Enterprise Applications Solutions (SBEAS)

Period of Performance:

April 2023 – April 2027 (One year base period plus three 1-year option periods)

Anticipated FOPR Release Date:

1QFY23

Estimated Dollar Value:

$20M - $25M

NAICS Code:

541511 – Custom Computer Programming Services

Small Business Set Aside:

Yes

Incumbent:

Zigabyte Corporation, FA8771-20-F-0064

14TH ANNUAL **VENDOR INDUSTRY DAY**

ACQUISITIONS BEST PRACTICES

CAPTAIN OLIVIA M. DEAN
HIK CONTRACTING BRANCH CHIEF

MR. JERARD CAMPBELL
ILS-S PROGRAM MANAGER

Business & Enterprise Systems

Innovate, Accelerate, Thrive – The Air Force at 75

Acquisitions Best Practices

Jerard D. Campbell, HIS/ILS-S Program Manager

Capt Olivia M. Dean, HIK Contracting Branch Chief

25 May 2022

v2

Government Acquisitions
Best Practices

- **Adhere to Instruction to Offerors (ITO)…read carefully**
  - **Ask for clarification to ensure you understand…don't assume**
- **Ensure approach to requirement tracks back to the PWS/SOW**
  - **Clearly explain your approach, don't assume the Government knows what you mean**
- **Get innovative, get creative**
- **Suggestions are welcomed…not always implemented**
- **Ask questions during the established Q&A period**
  - **Read published Q&A responses when provided**
- **Funnel communication through CO post solicitation release**
- **Double check formulas and calculations in worksheets**
  - **Do not alter Government provided spreadsheets**
- **Review the full proposal before submitting**
- **Submit the proposal in enough time to ensure receipt/adhere to response dates and times outlined in communications**

Proposal Delivery

- **The Offeror shall submit proposals for consideration no later than 12:00PM Central Time, Friday, xx January 20xx.** **Proposals received after the date/time specified will not be evaluated**.

Proposal Contents

Volume	Title	Submittal	Page Limit
I	Cover Letter Executive Summary	1 electronic file (PDF or Word)	N/A
II	Price Proposal Factor 1 - Price	Price Proposal Workbook (Excel)	N/A
		Rationale, BoE, & Assumptions (PDF or Word)	N/A
III	Technical Proposal Factor 2 – Technical Capability	1 electronic file (PDF or Word)	40 pages

Proposal Submittal Contents

Business & Enterprise Systems

Innovate, Accelerate, Thrive – The Air Force at 75

Agile Changes
to Manage Technical Debt
Through the Product Backlog

GS-13 Julie Qrys

AFLCMC/HIQA

25 May 2022

My Background and My Objectives

- **The Service Manager for Agile Guidance and Policy**
  - I have 20 years experience in the Acquisition career field
  - I help teams change their contracts to reflect Agile software development

- **My Objectives today**
  - Help bidders understand how BES is defining our software requirements to address technical debt using the Product Backlog
  - Show sample language

2.3. Process for Identifying Capability Support Priorities

The Government uses a Product Backlog to identify potential work. The Product Backlog is *{system/program name's}* to-do list, or requirements repository. The Product Backlog is a living repository and is owned by the Government. Product Backlog Items (PBIs) are considered "potential work" as the Government will review and rank the Product Backlog on a regular cadence, identifying the priority of the work to be done. The Product Backlog will evolve over the life of the *contract/task order* – newly discovered requirements are added to the Product Backlog to be considered for future work. Some PBIs may be cancelled and some PBIs may not rank high enough to be worked during this *contract/task order's* Period of Performance (PoP).

Product Backlog – The set of prioritized Epics, Features, User Stories, and other items. The Product Backlog highlights known work yet to be completed and is key to managing work on this *contract/task order*.

Product Backlog Item – Any unit of measurable work that results in associated deliverables.

Product Backlog Item Examples

Examples of PBIs (which may be in the form of Epics, Features, User Stories, or miscellaneous tasks/issues) include but are not limited to:

a. Functional Requirements
b. Technical Requirements
c. User Requirements
d. Requirements to comply with laws, regulations, or policies (LRPs)
e. Enhancements to existing functionality
f. Change Requests (CRs)
g. Engineering Change Proposals (ECPs)
h. Deficiency Reports (DRs)
i. Problem Reports (PRs)
j. Command and Control (C2) Cyberspace Operations Orders (AFI 17-1701) (e.g., TASKORDs, OPORDs, TCNOs, MTOs, NOTAMs, etc.)
k. Defects and Bugs
l. Work associated with reducing Technical Debt

Definition of Technical Debt

Technical Debt – The resulting consequences of software development actions that intentionally or unintentionally prioritize project constraints such as cost or schedule over perfect code and other artifacts such as design considerations. Technical debt is <u>any code or artifact added to or within the baseline that will take more work to fix later.</u> Types of technical debt include:

- Architecture Debt
- Code Debt
- Defect Debt
- Design Debt
- Documentation Debt
- Infrastructure Debt
- Performance Debt
- Process Debt
- Requirement Debt
- Test Automation Debt
- Test Debt

- **The Product Backlog**
  - Allows BES the opportunity to prioritize work each sprint or iteration
  - Resulting in the Contractor completing work that delivers the optimal value and return on investment to the end users
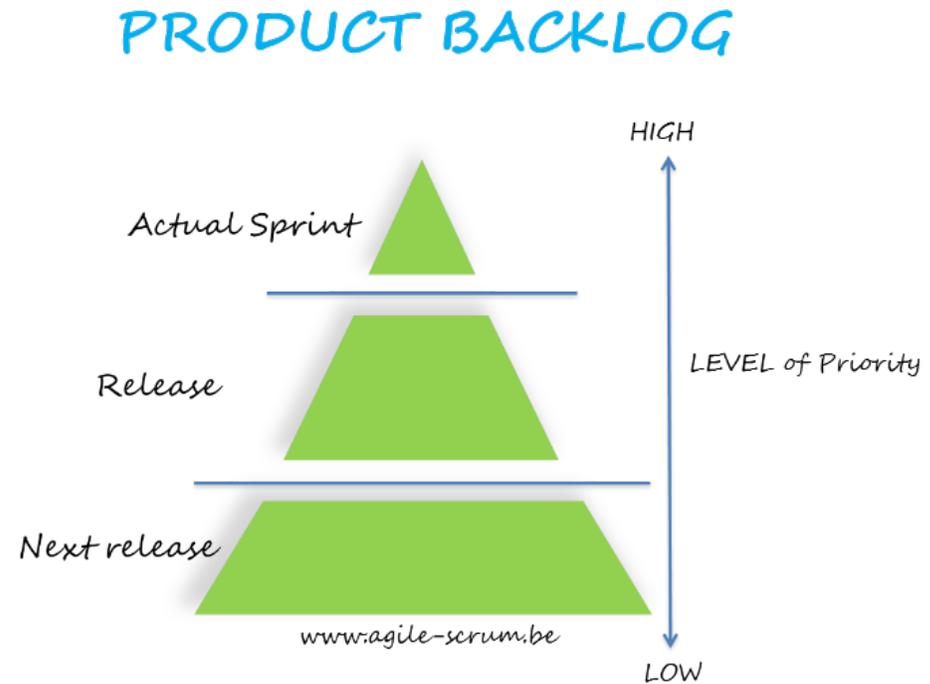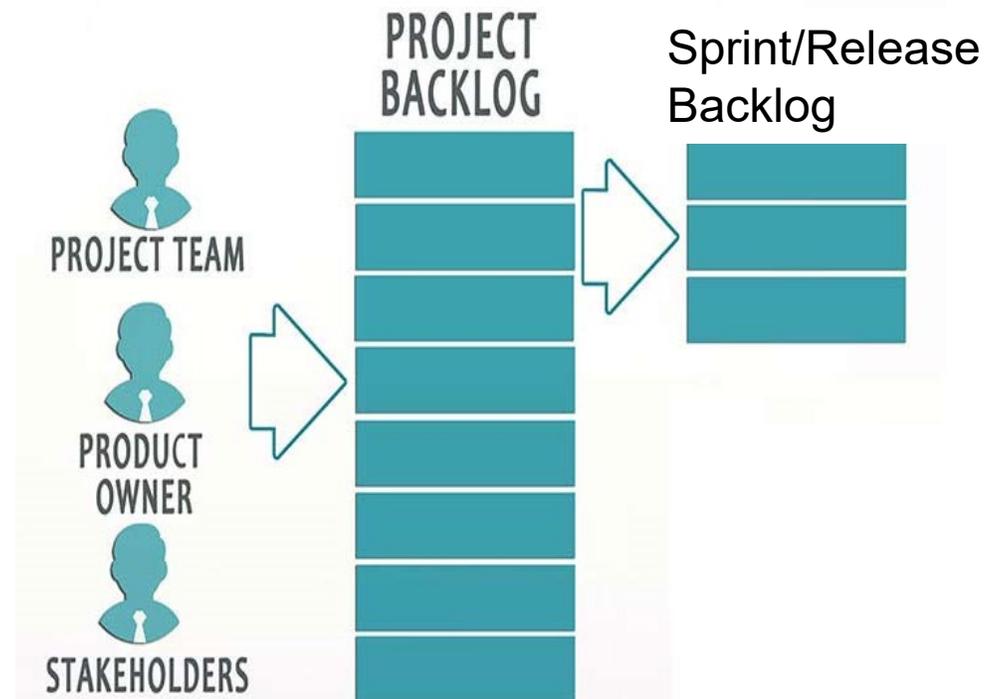
- **Bidders need to understand**
  - The software requirements will be flexible
    - Today's priority may not be tomorrow's
    - New PBIs will be added; obsolete PBIs will be deleted
    - Some PBIs may *never* rank high enough to be worked by the Contractor during the PoP
  - The program's chosen Agile framework
    - Tools
    - Backlog Refinement and other ceremonies
  - The existing AND potential work (e.g.: the various types of PBIs)

BUSINESS AND ENTERPRISE SYSTEMS THANKS YOU

14TH ANNUAL
Vendor Industry Day
MAY 25, 2022

WWW.AIRFORCEBES.AF.MIL @AIRFORCEBES