Arnold Engineering Development Complex

AEDC
Base Communications and Information Technology Services (BCITS) II Industry Day

16 and 17 October 2019

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Information provided and discussed is for planning purposes only and **DOES NOT** constitute a commitment, implied or otherwise, that a procurement action will be issued.

All information provided and discussed is pre-decisional.
BCITS II Industry Day Agenda

0730 – 0740 Welcome
0740 – 0820 Opening Remarks / AEDC Overview
0820 – 0950 Topics of Interest
  - Current Contract
  - Notional Acquisition Schedule
  - Competition Library
  - Collective Bargaining Agreement (CBA)
  - Government Furnished Property (GFP)
  - Associate Contractor Agreements (ACAs)
0950 – 1010 Break
BCITS II Industry Day Agenda

1010 – 1155 Requirements Review
- Performance Work Statement (PWS)
- Technical Team Introduction
- AEDC Task Order Overview
- Communications Focal Point
- Server Administration and Business System Operations
- Network Operations
- Communications Maintenance
- IT Asset Management
- Knowledge Operations
- Cybersecurity

1155 – 1200 Morning Wrap Up and Tour Details
BCITS II Industry Day Agenda

1200 – 1300    Lunch

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1300 – 1450    Group A One-on-ones with Government
1500 – 1600    Base Windshield Tour A

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1330 – 1430    Base Windshield Tour B
1500 – 1650    Group B One-on-ones with Government
Administrative Remarks

- Restrooms located near entrance
- Snacks on back table (honor system)
- Lunch is on your own
- Gossick Leadership Center (GLC) Emergency Response
  - Fire gathering point is far side of front parking lot
  - Severe weather - restrooms
- The Industry Days agenda is the SAME for both days
Air Force Materiel Command

AEDC and the Air Force Test Center

Clark Brandon
Deputy Director
Test Support Division

Deliver and Support Agile War-Winning Capabilities
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Topics of Interest

- Current Contract
- BCITS II General Information

Ms. Nicole Tracey
Program Manager
AEDC/PM

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Current Contract Overview

Client Support (Comm Focal Point)
Server Administration and Business Systems Operations
Network Operations
Communications Maintenance
IT Asset Management (Hardware and Software)
Knowledge Operations
Cybersecurity
Current Operating Contract

• Performance-based service contract
  – Firm-fixed-price (FFP)
  – One Base Year, four Option Years
  – Performance began 1 February 2016
  – What is needed, not HOW the work is performed

• Surveillance
  – Contractor quality management system (QMS) (AFI 63-138)
  – Government Contracting Officer’s Representative (COR) team, monthly inspections
  – Monthly performance assessment briefings
  – Performance Assessment Reports (PARs)
BCITS II Notional Acquisition Schedule

• Industry Days 16 & 17 Oct 19
• RFI #1 responses due 24 Oct 19
• Draft RFP Release 24 Jan 20
• Final RFP Release 16 Mar 20
• Proposals Due Apr 20
• Contract Award Oct 20
• Contract Start 1 Feb 21
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Topics of Interest

- Competition Library
- Collective Bargaining Agreement (CBA)
- Government Furnished Property (GFP)
- Associate Contractor Agreements (ACAs)

Mr. Randy Wroten
Procuring Contracting Officer
AFTC/PZZ

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Competition Library

- Industry Day
- Collective Bargaining Agreement
- Local Regulations and Technical Standards
- General Information
- We will provide as much information as possible in our public website and our Competition Library

http://www.arnold.af.mil/BCITSII
Collective Bargaining Agreement

- Active contractor union workforce with AFL-CIO union support
  - Government neutrality is paramount

- Craft workforce (except security guards) represented by the Air Engineering Metal Trades Council (AEMTC)
  - AEMTC is comprised of 11 unions
  - AEMTC POC Mr. Alvin Cleek (931-454-4699)

- Service Contract Labor Standards apply to this work
  - Successor contractors performing substantially the same services in the same locality must pay wages and fringe benefits at least equal to those contained in the CBA entered into under the predecessor contract
Government Furnished Property

• Contractors are ordinarily required to furnish all property necessary to perform Government contracts
• Contracting officer will release a GFP listing with draft Request for Proposal (RFP)
• GFP Administration
  – If GFP is provided, then Contractor must submit Property Management Procedures to the Government
  – Contractors are required to perform self-assessments
  – The Government will perform recurring audits of Contractor Property Management System (PMS)
  – Contractors are required to complete contract closeout
    o Inventory of GFP
    o Disposition of excess GFP
  – Contractors are required to comply with FAR Part 45 mandatory clauses and Air Force Regulations

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Associate Contractor Agreements

• Agreements between contractors that require sharing information, data, technical knowledge, expertise, or resources

• Applicability
  – Not required for prime to subcontractor relationship
  – Required for cooperation, sharing resources, jointly working contracts or projects

• Special Requirements
  – Associate contractors and their relationship
  – Program involved and the relevant Government contracts of the associated contractors
  – Associate contractor interfaces by general subject matter
  – Categories of information to be exchanged
  – Expiration date (or event)
Associate Contractor Agreements

• Negotiation and administration - Lead
  – Test Operations and Sustainment (TOS) contractor

• Summary
  – Contractors will need to work together to achieve successful performance of their individual contracts and ensure the success of the mission
  – ACAs are the platform for that cooperation, communication, and sharing of resources
-- Break --

Will start back at 1010
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Technical Team Discussions

Mr. Jared Frey
Deputy PM/Technical Lead
AEDC/TSDIA

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Performance Work Statement

- Performance based requirements
- PWS currently being drafted
  - Addresses specific requirements by functional area, as well as overarching requirements across all contract activities
  - To furthest extent possible, requirements described in terms of “what” the Government needs as opposed to “how” the work should be accomplished
    - Applicable mandatory directives identified by PWS requirement
    - Government seeks to encourage use of innovative and cost-effective methods of service delivery
  - Deliverables identified with corresponding requirement

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<table>
<thead>
<tr>
<th>Functional Areas</th>
<th>Functional Expert</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEDC Task Order Management</td>
<td>Eric Scurry</td>
</tr>
<tr>
<td>Communications Focal Point</td>
<td>Mark Sissom</td>
</tr>
<tr>
<td>Server Admin / Business Systems</td>
<td>Annie Clements</td>
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<tr>
<td>Network Operations</td>
<td>Beau Campbell</td>
</tr>
<tr>
<td>Communications Maintenance</td>
<td>C. David King</td>
</tr>
<tr>
<td>IT Asset Management</td>
<td>Jared Frey</td>
</tr>
<tr>
<td>Knowledge Management</td>
<td>Tracy Carter</td>
</tr>
<tr>
<td>Cybersecurity</td>
<td>Ralph Stebbins</td>
</tr>
</tbody>
</table>

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“Drink from a fire hose for the next two hours”

- Each briefing will provide a “high level” requirements overview
- We prefer NOT to take live questions during or after each briefing
- Note cards will be provided to write your questions
- Reminder: You will have the opportunity to engage with functional experts one-on-one during the afternoon sessions. We encourage you to take advantage!
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AEDC Task Order (TO)
Overview

Mr. Eric Scurry
AEDC/TSDIA

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Functional Areas

• Traditional Base Communications Squadron functions
  – Communications Focal Point
  – Quality Assurance
  – Plans and Program Support
  – Server Administration
  – Networks
  – Communications Maintenance
  – Knowledge Operations
  – Cybersecurity

• Non-traditional functions
  – High Performance Computing (HPC)
  – Technical library
  – Technical editing
  – Business Systems Operations and Maintenance
Locations

• Operating Locations
  – Arnold AFB, TN
  – Geographically Separated Units (GSUs)
    o Tunnel 9, White Oak, MD
      – Tenant on a General Services Administration (GSA) site
    o National Full-Scale Aerodynamics Complex (NFAC), Moffett Field, CA
      – Tenant on a National Aeronautics and Space Administration (NASA) site
    o Approximately 50 users each location
Plans and Program Support

• Comm Planning Records (T.O. 00-33A-1001 Chapter 20)
  – Combat Cyberspace Infrastructure Planning System (CIPS)
    o Preventative Maintenance Inspections (PMI) and Comm IT Infrastructure Inspections should note any problems that must be planned for funding and replacement
    o Annual work load plan should be provided to address issues found during inspection
    o Maintain CIPS Visualization Component (CVC) and Communication Systems Installation Records (CSIR) in accordance with appropriate Air Force technical orders

• Support Agreements
  – Provide Communications Support Services for AEDC approved support agreements

• Quality Assurance (QA)
  – Perform QA inspections to ensure proper installation and configuration of communications infrastructure

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Plans and Program Support

• Engineering and Installation Support
  – Attend all Arnold AFB design review meetings where Comm / IT Support is required
  – Ensure Comm / IT compliance with DoD and AF policies along with industry standards, where required

• Contingency and Continuity of Operations Planning (COOP)
  – Develop and maintain all communications systems contingency and COOP plans, and ensure annual review and exercises are completed
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Communications Focal Point

Mr. Mark Sissom
AEDC/TSDIA

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Communications Focal Point

- Base population – ~2,450 users
- Hours – 0630 - 1630
- Desktops – ~1,850; Laptops – ~650; Tablets – ~20
- High-end workstations – ~130
- Total # computers supported – ~2,700
- Total # Multi-function Devices (MFDs) / Printers – ~340
- AEDC software baseline will be provided in AEDC Competition Library
- Monthly Service Desk workload
  - Telephone calls answered (1,200 – 1,800)
  - Email responses (1,000 – 1,500)
  - Walk-ins (20 – 60)
Communications Focal Point - Software

- Provide Tier 0 and Tier 1 capability for local problems
- Route and track tickets for service to other teams:
  - Telephone, land mobile radio (LMR), audio / visual, hardware, server, network
- Provide Tier 2 Client Support Technician (CST) software / application support
- Remote and touch maintenance
- Monthly CST Software Workload
  - SW trouble issues / installs (150 – 375)
  - Accounts and file share maintenance (300 – 450)
- Core issues triaged to AF Enterprise Service Desk (ESD)

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Communications Focal Point - Hardware

- Provide Tier 2 CST hardware support
- Touch maintenance for computers, peripherals, printers / MFDs, etc.
- Monthly CST Hardware Workload
  - Hardware repair issues / touch maintenance (200 – 300)
  - Computer / personnel moves (40 – 80)
  - Computer installs (50 – 60)
  - Printer installs (6 – 10)
Communications Focal Point - Facilities

• Facility (Building 1103) lower level
  – Call center
  – Client support
  – Administrative area

• T-Metrics (Call Distribution System)

• Enterprise Information Technology Service Management (EITSM) System
  – AF-provided BMC Remedy Incident / Ticket Tracking System
Server Administration Environment

- Non-classified Internet Protocol Router Network (NIPRNet) / Secret Internet Protocol Router Network (SIPRNet)
  - Windows Server, Linux, VMWare
  - Servers: ~38 Physical, ~88 Virtual
  - Database, file, print, application, SAN, utility servers
- DREN / Secret DREN (SDREN)
  - ~154 DREN user accounts / Red Hat Linux workstation
  - 3 SDREN workstations
- Dedicated High Performance Computing Investment (DHPI)
  - CRAY Cluster Supercomputer System – Stand alone
- Quality of Life (QoL)
  - ALOHA – Point of Sale (PoS) and Credit Card
    - Ensure Personal Credit Information (PCI) compliance
Server / System Administration

• Server / Database and Application Lifecycle Support
  – Cradle to Grave
  – Outage Management - scheduled and unscheduled
  – Configuration and Change Management
    • Drawings, Labels, Lists
  – Maintain compliance and currency
    • Security Technical Implementation Guides (STIGs)
    • Patching
    • Operating System and Application Upgrades
    • Refresh Planning
    • Preventive Maintenance
  – Monitor Performance and Capacity
  – Troubleshoot issues
NIPRNet Business Systems

• Current areas of O&M support include:
  – Financial system
    o Oracle’s PeopleSoft Financials
  – Computerized Maintenance Management System (CMMS)
    o Oracle’s Utilities and Work Asset Management System (WAM)
  – Collaborative Business Process Application
    o ENOVIA
  – Enterprise Warehouse Reporting
    o Oracle Business Intelligence (OBI)
  – Other Oracle or Microsoft Structured-Query Language (SQL)-based applications
    o Adept, Laboratory Information Management System, Geobase, etc.
# NIPRNet Business Systems and Applications

<table>
<thead>
<tr>
<th>Service</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Downward-directed</td>
<td>~85</td>
</tr>
<tr>
<td>Locally developed / customized</td>
<td>~90</td>
</tr>
<tr>
<td>NIPRNet</td>
<td>~1,000</td>
</tr>
<tr>
<td>SIPRNet</td>
<td>~90</td>
</tr>
<tr>
<td>DREN</td>
<td>~198</td>
</tr>
<tr>
<td>Services</td>
<td>~3</td>
</tr>
</tbody>
</table>
DREN HPC

• Agency Approval Authority (S/AAA) Support
  – Assists users to access internal and external HPC DoD Supercomputing Resource Center (DSRCs), following the HPC Modernization Office (HPCMO) procedures
  – Manage user accounts on the web-based HPCMO system: Portal to the Information Environment (PIE)
    o Ex: Annual Information Assurance (IA) training completion
  – Submit requirements for resource hours
  – Work with both the AF point of contact and the HPCMO point of contact
  – Keep local users informed of HPCMO procedure changes and resource availability
  – Acknowledge and act upon HPCMO notifications

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DREN HPC Liaison Support

- Serves as the focal point for the HPCMO and local users with regards to technical questions and support
- Serve as the IT interface between the HPCMO and the Arnold AFB user-base
- Provide technical input to proposals
- Maintain the current Enterprise Information Services (EIS) local community collaboration SharePoint sites
- Attend local quarterly Technical Advisory Panel meetings
- Coordinate HPCMO site visits (every three years)
## DREN / HPC Footprint

<table>
<thead>
<tr>
<th>Category</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cores / Processors</td>
<td>1,320</td>
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<tr>
<td>Physical Servers</td>
<td>36</td>
</tr>
<tr>
<td>Virtual Servers</td>
<td>13</td>
</tr>
<tr>
<td>High Performance Workstations</td>
<td>93</td>
</tr>
<tr>
<td>Mass Storage</td>
<td>2,000 Terabytes (TB)</td>
</tr>
<tr>
<td>Spectra T950 Library</td>
<td></td>
</tr>
<tr>
<td>Spectra T380 Library</td>
<td></td>
</tr>
<tr>
<td>Operating Systems</td>
<td>Red Hat 6.x; Red Hat 7.x</td>
</tr>
</tbody>
</table>

Spectra T950 Library • 900TB of LTO-5 Media
Spectra T380 Library • 300TB of LTO-5 Media
### DREN / HPC Stats

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Kerberos Accounts</td>
<td>125</td>
</tr>
<tr>
<td>DSRC Accounts</td>
<td>231</td>
</tr>
<tr>
<td>Allocated Hours</td>
<td>FY19 – 260M; FY20 – 280M</td>
</tr>
<tr>
<td>HPCMO-Supported Projects</td>
<td>101 total; 64 unclassified, 10 classified, 27 test programs</td>
</tr>
<tr>
<td>Supported Areas</td>
<td>Modeling and Simulation, Test Analysis</td>
</tr>
</tbody>
</table>

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DHPI Support

- Locally-hosted, standalone high performance computing cluster supporting classified processing
  - Cray XC30
    - 64 compute nodes
      - 2 processors per node
    - Intel Xeon Nehalem 2.8 GHz processors
    - 1,280 cores
    - Water-chilled option installed
      - Not yet connected
    - 72 TB attached storage
    - SuSe Linux 6.10
    - Cray Message-Passing Interface (MPI)
    - PBS Professional
    - Lustre File System

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Web Management

• AF Portal
  – Serve as content manager for AF Portal sites

• Enterprise Information Management (EIM) Support
  – Participate in all EIM efforts
  – SharePoint 365
    o Serve as local SharePoint point of contact (POC) and subject matter expert (SME)
    o Provide site owner and site member training to new users
    o Serve as the Site Collection Administrator (SCA) for all non-Government only AEDC site collections
      • 100 organizational sites
      • 98 community sites
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Networks

Mr. Beau Campbell
AEDC/TSDIA

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Network Footprint

- ~Nine networks with three connected to the Department of Defense Information Network (DoDIN) and two through local internet service provider (ISP)
  - NIPRNet, SIPRNet
  - DREN
  - QoL; Tullahoma Light Tube (local ISP)
  - Public Affairs (PA); Tullahoma Light Tube (local ISP)
- Multiple vendor environment – Cisco, Juniper, Brocade, HP, Allied Telesyn
- Networks currently utilize ~245 Communication Closets
  - ~546 switches layer 2 and layer 3 with Power over Ethernet (PoE) and non-PoE
  - ~4,500 connections
  - Normal day-to-day operations to include Voice over Internet Protocol (VoIP) and all other Unified Communications (UC) Capabilities
- Long-haul DISA Node site coordination
Network Environment

• NIPRNet
  – Full control over all assets (except Boundary)
  – 7 zones, Information Transfer Nodes (ITN) (Juniper) with Arnold AFB full control (Level 2 and 3)
    o Network engineering with Access Control List and routing knowledge requirements
  – Edge buildings (Cisco) ~350 switches
  – Cisco Identity Services Engine (ISE) for PC authentication
  – Dual 85Mb circuits
  – Boundary integrated network operations and security center (I-NOSC) controlled Arnold AFB touch maintenance only

• SIPRNet
  – Full control over all assets (except Boundary):
  – Tactical Local Area Network Encryption (TACLANE) infrastructure
  – Most areas are single connection
  – Mixed device network
    o Cisco and Allied Telesyn

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Network Environment

• DREN / SDREN will include:
  – Full control of all assets
  – Firewalls
  – Routing and Access Control List
  – Monitoring
  – Special mission support
  – Reports to HPC for instance related or modification demands
  – Single 200Mb circuit
  – Mixed device network (Brocade and HP)
Communications Maintenance

Mr. Carl “David” King
AEDC/TSDIA

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Arnold Outside Plant

Outside Plant maintenance requires:

- Utilization and implementation of CIPS / CVC tool
  - Develop, update and maintain records in accordance with all applicable Technical Orders and industry standards
  - Manage 310 miles of trunked fiber and copper plant infrastructure
- All Installation, maintenance, conduit, aerial fiber and copper requirements, and splicing of fiber and copper plant systems
- Maintenance of all Protected Distribution System (PDS) and Non-PDS Infrastructure
  - ~10 PDS systems which require twice-monthly inspections
Arnold Outside Plant

- Communications ~200 manholes, ~40 hand-holes
  - Ensure serviceability and cleanliness
  - Maintenance of and record all connections (butterfly drawings and cut sheets)
  - Other related duties

- Regular inspections and maintenance of all communication transport infrastructure
  - Conduit
  - Aerial
  - Direct buries
Arnold Outside Plant

- Focused infrastructure within industrial area with coverage across large sections of the entire base
Arnold Inside Plant

- Support to all buildings, shacks, and outside networked devices (i.e., cameras)
  - Responsible for all fiber / copper inside and unique connection requirements
    - Installation, troubleshooting, and replacement
    - 245 miles of inside plant copper
    - Fiber used for backbone transport systems, direct connections to switches and network devices, and desktop in required locations
  - Includes all wiring requirements from communications closets (ITNs, nodes, building demarcations) to the requirement wall / fence
  - Complete utilization of CIPS / CVC to include updating of all previous records
Arnold LMR System and Facilities

- Motorola Enterprise Trunk LMR system
  - Currently undergoing upgrade to enterprise eLMR
- Gentry Tower (250 ft. freestanding in-process)
- Monin Tower (200 ft. freestanding)
- Building 351 / 352 LMR shop, head end
- Over 700 subscriber units fixed, mobile and portable
LMR Facilities

Bldg 351/352
LMR Shop
Head End

Monin Tower

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LMR Facilities
Approximate AEDC property line
Arnold LMR System Devices and Supported Systems

• LMR
  – 695 Handheld radios
  – 136 Mobile (vehicles)
  – 22 Desktop base stations
  – 126 Fire alarm radios
  – 14 Giant Voice speaker towers

• Supported Systems
  – Fire alarms
  – Environmental
  – Mutual Aid repeater
  – Emergency vehicle support radios
  – Video Teleconferencing (VTC) operations (classified / unclassified)
  – Audio Visual (A/V) support
    • Projectors / A/V equipment
    • ~50 pieces
Maintenance Activity

Previous 12 Months

• Personal wireless communication system / LMR
  ~743 annual trouble tickets
  – Includes daily routines and PMIs
  – Vehicle installations

• A/V  ~725 trouble tickets
  – Preventative maintenance
  – Event support
  – Equipment repair

• VTC (two facilities, one classified)
  – 30 conferences / month (20% classified)
Phone System Facilities

• Primary Switch (Nortel CS1000M)
  – Technician work area
  – Administrative space

• Backup (Nortel 11C)
  – Comm closet

• Active Phone Lines – 4,800

• Telephones
  – 1,062 digital phones
  – 3,035 analog phones
  – 498 VoIP phones
Phone System Stats

- **Moves, Adds, Changes and Trouble calls**
  - ~400 per month

- **Digging permits**
  - 15 - 30 per month

- **Infrastructure maintenance**
  - Cable splicing
  - Fiber termination
  - Cable installation

- ** Maintain circuit records**
  - Telephone Management System (TMS)
  - CVC

- **E911 data maintenance**
Phone System Activities (cont.)

• Telephony Inside / Outside Plant Maintenance
• Maintain Communications System Authorization (CSA) Records
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Information Technology
Asset Management

Mr. Jared Frey
AEDC/TSDIA

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IT Asset Management

• AEDC Communications Branch Information Technology Asset Management Program goal:
  – Enable the warfighter to effectively and efficiently manage IT hardware and software assets in accordance with (IAW) Air Force Manual (AFMAN) 17-1203, *Information Technology (IT) Asset Management (ITAM)*

• Contractor responsibilities:
  – Alternate Base Equipment Control Officer (BECO)
  – Information Technology Equipment Custodians (ITECs)
  – Alternate Base Software License Manager (BSLM)
  – Unit Software License Manager (USLM)
IT Asset Management

• AFMAN 17-1203
  – Chapter 2 – hardware acquisition to disposition
    o Accountability requirements apply to types of IT and cost of IT
  – Chapter 3 – software acquisition to disposition
IT Asset Management - Hardware

• Alternate BECO Role (Contractor):
  – Manages and accounts for all Automated Data Processing Equipment (ADPE) IT hardware assets utilizing Defense Property Accountability System (DPAS)
  – Provides the ITEC with required annual training
  – Provides the ITEC with DPAS-generated bar code labels and ADPE inventory listing
  – Locks delinquent accounts due to invalid / unaccounted for IT assets
  – Coordinates all AEDC ADPE purchases through AFWay
  – Provides support to ensure lifecycle management of IT assets

• Base Warehouse:
  – Provides support to central point of receiving, returning, and disposition of IT asset accountability

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IT Asset Management - Hardware

- ITECs
  - Perform 100% annual physical inventory
    - Annual Inventory Report due
  - Ensure DPAS Inventory List is accurate to include the building and room number
  - Ensure DPAS bar code labels are affixed to all IT hardware assets
  - Turn in excess IT hardware assets as directed by Alternate BECO
  - Maintain Custodian Folder (E-Binder)
IT Asset Management - Hardware

• Provide total lifecycle management for approximately 2,500 computers (Desktops / Laptops / Graphic Workstations)
  – Hardware support includes acquisition, distribution, maintenance, lifecycle management of all IT hardware included PC’s, printers, scanners, optical media and other network hardware devices

• Printers hardware maintenance
  – 347 printing devices on the NIPRnet
    o 199 MFDs
    o 148 Printer-only devices

• Local hardware
  – AEDC hardware baseline will be provided in the AEDC Competition Library
IT Hardware Support

• Monthly hardware activity
  – Hardware trouble tickets: 130 - 160 tickets
  – PCInstalls: 50 - 60
    o Ordering, receiving, new installation, and re-deployment of PCs

• Monthly move requests: 40 - 80
  – Reclaim and relocation of hardware
IT Asset Management - Software

• Alternate BSLM Role (Contractor):
  – Ensure proper accountability of software by acquiring or accountable organization
  – Ensure all AF software is procured through applicable buying programs
  – Ensure proper management of enterprise and non-enterprise software
  – Facilitates software re-use
  – Support annual inventory requirements and completion

• USLM
  – Similar activities by function or group
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Knowledge Management

Ms. Tracy Carter
AEDC/TSDIA

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Records Management

• Air Force Records Information Management System (AFRIMS)
  – Records Custodians: 45
  – File Plans: 15 - 30

• Number of boxes in staging area: 268
  – Amount varies due to disposition / destruction dates
Records Management Responsibilities

• Administer Records Management Program
  – AFRIMS account management
  – Assists Base Records Manager in conducting staff assistance visits related to contract functional areas
  – Assist Records POCs in maintaining working records and official records in the appropriate records repositories

• Records Staging
  – Manage transitory staging area according to applicable guidance
Publications and Forms

- Contractor will be responsible for managing the lifecycle for all Arnold AFB and AEDC publications and forms to include coordination and posting to the AF e-Publications environment and scheduling routine reviews
  - Number of current AEDC forms on Record with AF Information Management Publishing Tool (AFIMPT) – 31
  - Number of current Publications on Record with AFIMPT – 37
  - Number of current local publications – 6

- Contractor will be a Lead or Alternate Technical Order Distribution Office (TODO) for AEDC accounts
The AEDC Technical Library serves the entire workforce to meet essential administrative, technical, and scientific needs

- Research Aids
- Library Database Training
- Inter-Library Loans

Ensures subscriptions and publications key to supporting the execution of current AEDC missions are available to the AEDC technical community.

Ensures AEDC Technical Reports both current and historical are hard copy or electronically stored and uploaded to the Defense Technical Information Center (DTIC).

Contributes to the AEDC Technical Library Webpage.
## Technical Library
### Materials and Services per 2018 Library Annual Report

<table>
<thead>
<tr>
<th>Cataloged Books</th>
<th></th>
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<tbody>
<tr>
<td>Fiction Adult</td>
<td>13</td>
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<tr>
<td>Fiction Juvenile</td>
<td>1</td>
</tr>
<tr>
<td>Non Fiction Adult</td>
<td>21,051</td>
</tr>
<tr>
<td>Non Function Juvenile</td>
<td>0</td>
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<tr>
<td>Electronic Books Library Owns</td>
<td>1</td>
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<tr>
<td>Bounds Periodicals</td>
<td>3,580</td>
</tr>
<tr>
<td>Cataloged Books Total</td>
<td>24,646</td>
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</table>

<table>
<thead>
<tr>
<th>Subscriptions</th>
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<tbody>
<tr>
<td>Library Subscriptions Print</td>
<td>10</td>
</tr>
<tr>
<td>Library Subscriptions Electronic</td>
<td>39</td>
</tr>
<tr>
<td>Office Subscriptions Print</td>
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</tr>
<tr>
<td>Office Subscriptions Electronic</td>
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</tr>
<tr>
<td>Total</td>
<td>49</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Non Print Items</th>
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<tbody>
<tr>
<td>Electronic Product</td>
<td>2</td>
</tr>
<tr>
<td>Online Services/Databases</td>
<td>8</td>
</tr>
<tr>
<td>Non Print Items Total</td>
<td>10</td>
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</table>

<table>
<thead>
<tr>
<th>Audio/Video</th>
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<tbody>
<tr>
<td>Audio Products</td>
<td>83</td>
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<tr>
<td>Video Products</td>
<td>31</td>
</tr>
<tr>
<td>Audio/Video Total</td>
<td>114</td>
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<table>
<thead>
<tr>
<th>Leased Items</th>
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<tbody>
<tr>
<td>Collection Size Leased Books</td>
<td>0</td>
</tr>
<tr>
<td>Collection Size Leased Non Books</td>
<td>0</td>
</tr>
<tr>
<td>Leased Items Total</td>
<td>0</td>
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</table>

<table>
<thead>
<tr>
<th>Other</th>
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</thead>
<tbody>
<tr>
<td>Other</td>
<td>0</td>
</tr>
<tr>
<td>Last Weeding Date</td>
<td>09/30/2016</td>
</tr>
<tr>
<td>Last Inventory Date</td>
<td>11/09/2017</td>
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</table>
Technical Editing

• Technical editors serve the entire AEDC workforce to provide grammatical editing, formatting, and standardization of scientific, technical reports, and services
  – 20 technical reports processed
  – Approximately 4,000 pages edited
Cybersecurity

• Implement and sustain cybersecurity readiness of AF and HPC information and supporting IT assets as a primary responsibility
• Comply with AF and HPC cybersecurity programs to secure its information and IT assets
• Air Force’s core cybersecurity disciplines are Computer Security (COMPUSEC), Communications Security (COMSEC), and Emissions Security (TEMPEST)
• The AEDC Cybersecurity Program:
  – Ensures AF and HPC information systems (IS) operate securely by protecting and maintaining the confidentiality, integrity, and availability of IS resources and information processed throughout the system's life cycle
  – Protects information commensurate with the level of risk and magnitude of harm resulting from loss, misuse, unauthorized access, or modification
Requirements

• Manage and implement cybersecurity requirements for all information systems and data:
  – Contractor shall follow DoD and AF Cybersecurity requirements
  – Security Technical Implementation Guide (STIG) compliance, and scanning/remediation (major focus)
  – Establishing “unit level” Cybersecurity programs
  – Provide appropriately certified and qualified personnel per DoD Directive 8570
  – Responsible for “Operational” Cybersecurity requirements
  – COMSEC and TEMPEST programs will be managed by the AF
    o Contractor shall have operational requirements
    o Contractor compliance validated by the AF

• Manage and execute all cybersecurity activities according orders, directives, policies and procedures for the complex
  – Ad hoc and short notice tasking as necessary
Requirements (cont.)

- Coordinate with the TOS contractor on Cybersecurity issues
  - Provide support for AEDC test customers
  - Assisting the TOS contractor by producing all assessment and authorization (A&A) documents required for approval to operate
    - TOS contractor shall provide all required information and artifacts
- Provide A&A support to all other AEDC contractors as requested
- Work closely with local Industrial Security and Information Protection offices as well as off-base Cybersecurity entities
- Work with Comm Focal Point to address technical orders, software approvals, authority to operate (ATO), and authority to connect (ATC) requirements
Scope

- Networks with Risk Management Framework requirements: NIPRNet, SIPRNet, DREN, SDREN, Joint Worldwide Intelligence Communications System (JWICS), QoL
  - Mix of classified and FOUO environments
  - Mix of business and RDT&E environments
- Numerous standalone and special purpose systems
- Extensive software support and evaluation of data analysis software (~130 applications)
- Support Enterprise Mission Assurance Support System (eMASS) entries for ~30 complex systems
  - Each system may contain hundreds of computers and network devices
  - Currently based upon mission area (i.e., Turbines / Wind Tunnels)
Morning Wrap Up and Bus Tour
Bus Tour

• Must be US Citizens
• Tours will depart and return to the GLC
• Take index cards to write questions on during the tours, drop in trays at GLC
• We will not be departing the bus
• Tour will take approximately one hour
Afternoon Schedule

1200 – 1300    Lunch

---------------------------------------------

1300 – 1450    Group A One-on-ones with Government
1500 – 1600    Base Windshield Tour A

---------------------------------------------

1330 – 1430    Base Windshield Tour B
1500 – 1650    Group B One-on-ones with Government
Closing Remarks
• AEDC must have flexible contract vehicle(s) that allow us to meet our customers’ needs while:
  − Ensuring effective and efficient Test Operations and Support
  − Implementing innovative solutions that immediately reduce cost
  − Accommodating dynamic changes in workload
  − Allowing increased technical work performed by the Government workforce
  − Rewarding management / technical innovation
  − Providing incentives to increase efficiency and productivity in workforce labor practices
Thank You
for Supporting AEDC’s
BCITS II Industry Day
Lunch