Product Manager Power Projection Enablers (PdM P2E) Breakout Session
AFCEA Belvoir Industry Days

PdM P2E
Mr. Tom Dunaway

Nov. 4, 2021
Agenda

- PM DCATS Overview
- P2E Leadership
- P2E Stakeholders
- P2E Capabilities
- P2E Contracting Strategy
- CAPSET Contract Overview
- CAPSET Contract Benefits
- Path Forward
- Open Discussion
- Points of Contact
Enabling information dominance from the tactical edge to the home station for the Army, Department of Defense, and international partners by acquiring, implementing and sustaining strategic satellite and terrestrial communication systems.
PdM P2E Leadership Team

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Project Office

Mr. Tim Green
Director
Pacific
Project Office

Mr. Scott Ervin
Director
Southwest Asia
Project Office

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Acquisition Management
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Mr. Tom Dunaway
Product Manager

PdM P2E
(CSL)

Mr. Scott Ervin
Director

Mr. Jean Anicet
Director (Acting)

Technical Management
Directorate

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Continual engagement with all Stakeholders in multiple recurring Theater Deep Dives, Theater Synchronization Reviews (TSR), Theater Requirements Validation Boards (TRVB), TSR Integration Board (TIB) (annual, semi-annual, and quarterly)

Additionally, we have more in-depth working groups, IPTs, and status reviews at the APM / Action Officer level on a monthly or weekly basis.
<table>
<thead>
<tr>
<th>Capability</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>Outside Plant (OSP) Modernization</td>
<td>Connecting buildings to main nodes: Trenching, digging, laying conduit, and installing fiber and copper to connect network devices on a P/C/S (LCR 20 years)</td>
</tr>
<tr>
<td>Inside Plant (ISP) Modernization</td>
<td>Required upgrades inside buildings: Installation/Modernization of Power/Grounding, UPS, Generators, HVAC, Racks, Building Fiber Wiring, Communications Shelters (LCR 20 years)</td>
</tr>
<tr>
<td>Network Modernization (NETMOD)</td>
<td>Communications backbone for P/C/S: Installation and configuration of network switches to provide NIPR and SIPR capabilities to Army P/C/S; Upgrade capacity &amp; increase security; Edge Access Switches, Area Core Switches, Area Distribution Switches, Collection Routers, Layer 2 Bridging Switches (LCR 7 years)</td>
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<tr>
<td>Voice Modernization (VMOD)</td>
<td>Soft Client + Hard Client / TDM Decommissioning</td>
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<tr>
<td>Voice Modernization (VMOD)</td>
<td>Modernizing P/C/S voice infrastructure; divestiture of legacy technology (TDM’s); implement critical infrastructure for base services (emergency; elevators; etc.) (LCR 7 years)</td>
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<tr>
<td>Tech Control Facilities (TCF’s)</td>
<td>Serves as the conduit between the DISN WAN and the ICAN; hosts DISA PoPs, JRSS, NEC JB-CE Routers; legacy TLA’s, and commercial PoP</td>
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<tr>
<td>Strategic Command Centers (SCC)</td>
<td>Provides core Command, Control, Communications, and Computers (C4) infrastructure for Joint, Coalition and Interagency C4 capabilities at Army and Army supported command centers</td>
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<tr>
<td>Commercial Solutions for Classified (CSfC) / Virtual Desktop Infrastructure (VDI) / Multiple Independent Levels of Security (MILS)</td>
<td>Agile access to classified networks: Reduce cybersecurity attack surface for classified networks; Divest of High Assurance Internet Protocol Encryptor (HAIPE) devices; Remove/Reduce legacy technologies that introduce constraints and points of failure for large segments of the current network</td>
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*Capabilities Enable Secure A/V Systems, Integration of Command Operations Systems, Secure Video Teleconference Systems, C4ISR Infrastructure, ERP’s, STE, MPE, and other key warfighting functions*
# P2E Contracting Strategy

<table>
<thead>
<tr>
<th>Description</th>
<th>Directorate</th>
<th>Contracting Office</th>
<th>Vehicle Contract / Method</th>
<th>Estimated Award</th>
<th>Estimated Contract Value</th>
<th>Small Business Set Aside?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe (EUR) Network &amp; Infrastructure Modernization Capability Set</td>
<td>P2E Europe</td>
<td>ACC-RI</td>
<td>CHESS ITES 3S</td>
<td>3QFY22</td>
<td>$300M</td>
<td>No</td>
</tr>
<tr>
<td>Pacific (PAC) Network &amp; Infrastructure Modernization Capability Set</td>
<td>P2E Pacific</td>
<td>ACC-RI</td>
<td>CHESS ITES 3S</td>
<td>3QFY22</td>
<td>$300M</td>
<td>No</td>
</tr>
<tr>
<td>Southwest Asia (SWA) Network &amp; Infrastructure Modernization Capability Set</td>
<td>P2E SWA</td>
<td>ACC-RI</td>
<td>TBD</td>
<td>3QFY23</td>
<td>$150M-$250M</td>
<td>No</td>
</tr>
</tbody>
</table>
• P2E Capability Set (CAPSET) contracts afford P2E the opportunity to be flexible and agile as we deliver critical capabilities to Combatant Commands, Army Service Component Commands, and other government agencies within the Europe, Pacific, and Southwest Asia Theaters of Operation.

• CLINs may include:
  - Survey, Engineering, Furnish, Installation, Securing, & Testing (EFIS&T)
  - Telecommunications Room (TR) Modernization
  - Inside Plant (ISP) Modernization
  - Outside Plant (OSP) Modernization
  - Audio Visual/Video Telecommunications (AV/VTC)
  - Network Modernization (NIPR/SIPR NETMOD)
  - Voice Modernization (VMOD)
  - Wireless
P2E Capability Set (CAPSET) contract benefits:

- Streamlined acquisition process
  - Traditional acquisition = 9-12 months
  - CAPSET contract acquisition = 2-4 weeks
- Ability to obligate funds and initiate projects quickly
- Multi-year contract with a broad scope that addresses critical infrastructure and network modernization requirements across the entire theater of operations (Europe; Pacific; South West Asia)
- Supports validation and definition of customer requirements through initial site survey assessments; supports engineering and best business practice justification of unfunded requests
- Ability to use of both OPA and OMA funding within acquisition thresholds (some cases)
Path Forward

• Award flexible contracts that align to network lifecycle modernization strategy beginning in FY22
  ✓ Agile scope that accounts for new Capability Set inserts

• Enterprise Information Technology as a Service (EITaaS)

• Voice Modernization IAW future Army Enterprise Solution

• Commercial Solutions for Classified (CSfC)

• FSA: Product Manager, Power Projection Enablers re-brands to Global Enterprise Network Modernization – OCONUS (GENM-O) ~2QFY22
Open Discussion
# PdM P2E Leadership Points of Contact

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<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<th>Phone</th>
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The Army relies on

PEO EIS

Connecting the Army. Working for Soldiers.
Where Industry Can Help

• Role of OEM and Prime Contractor are defined properly
• How can we leverage emerging technologies?
• How can we optimize our current IT infrastructure?
• Deliver reliable, sustainable, and cost-effective capabilities to our Soldiers to win the next fight
  ➢ “What got [us] here won’t get us [there]”
  ➢ We owe it to them to deliver the best capability possible
• Your feedback on our RFIs is critical to improve our processes and the final solicitation
• Accurate timeline assessments for RFPs
• Understand how to operate in OCONUS locations (P2E)
• How can we be more innovative in terms of how we implement Network Modernization?
Network Modernization

Multi Domain Operations by 2028
Joint All Domain Command and Control
Mission Command from Afar
Synthetic Training Environment

Infrastructure Upgrades are foundational to Multi-Domain Operations in a Unified Network

Modern / MDO-capable Communication Architecture

- WiFi
  - Wireless Access Points
  - 5G
- SIPR Regionalization
  - Commercial Solutions for Classified
- Network Switches
  - 10 Gb → 40/100 Gb
  - SDN capable
- Trenching
- Copper → Fiber
- HVAC
- Wiring
- Racks
- Back-up Generators
- Plant Maintenance
- Assured Power

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Voice Modernization

**Direction:** Halt Voice Modernization (VMOD) pending the development of a holistic plan (FY 21 G6 Priorities Memo)

**Intent:** Do not continue status quo of 100% of hard phones on desks

**Decisions:**
- ✓ Decommission TDMs
- ✓ VoIP on all Army Bases
  - Planning estimate:
    - 80% Soft Clients on computers
    - 20% Hard Clients for base services / VIPs

**Requires:**
- Architecture design with NETCOM / G6
- Soft client sustainment cost assumption (NETCOM)
- E911 Risk acceptance (NETCOM)
- Policy / regulation updates based on VMOD decision (G6 / NETCOM)

**Running Estimates:**
- Select soft client options
  - A365 Teams with Business Voice
  - Jabber (Cisco)
  - Avaya
- % and locations of hard clients

**Assumptions:**
- VOIP Regionalization
- Cloud services where feasible
- O&M costs higher for soft client
- Critical infrastructure receives phones for emergency and base services

PEO EIS READY TO RESTRUCTURE VMOD USING LESSONS LEARNED FROM SOFT-CLIENT EARLY ADOPTER SITES (LEE & JACKSON).