



ABERDEEN PROVING GROUND ADVANCED PLANNING BRIEFING TO INDUSTRY

MG David Bassett, Program Executive Office Command, Control and Communications- Tactical (PEO C3T)

MG Peter Gallagher, Director, Network-Cross Functional Team (N-CFT)

30 April 2019

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NETWORK FOCUS AREAS & ENHANCEMENTS

The Network CFT will enable Army formations to reliably communicate anywhere, anytime, in all domains, in all environments, against any adversary.

Unified Network*

WHAT: Establish available, reliable and resilient network that ensures seamless connectivity in any operationally contested environment.

WHY: The Army must be able to communicate through an assured network and operate in contested and congested environments.

- Integrated Tactical Network
- Tactical Radios
- ESB-Enhanced
- Tactical Network Transport



Common Operating Environment*

WHAT: Provide a simple, intuitive, single common operating picture through a single mission command suite operated and maintained by Soldiers.

WHY: Commanders must be able to command distributed forces, utilizing rapid decision making skills.

- Handheld
- Mounted
- Command Post



Joint Interoperability/Coalition Accessible

WHAT: Ensure Army Forces can more effectively interact (technically and operationally) with Joint and Coalition partners.

WHY: The US Army doesn't fight alone –Army needs to achieve and sustain a level of interoperability within the Army, Joint and Unified.

- Mission Partner Environment



Command Post (CP) Mobility/Survivability*

WHAT: Enables Commanders to lead and fight in their formations from anywhere they choose. Ensure commandposts' deployability, reliability, mobility and survivability.

WHY: Command Posts must be mobile and survivable to meet today's operational needs – Fast, Agile, Lethal.

- Command Post Integrated Infrastructure (CPI2)





CAPABILITY SETS SIMPLIFIED

Capability Set 21: Expeditionary & Intuitive

- Initial ITN will be fielded to 4 Infantry BCTs
- Smaller, lighter and faster communications systems
- Easy to use applications and network devices
- Connectivity options (multiple routes)
- Network security and management systems

Capability Set 25: Automated & Protected

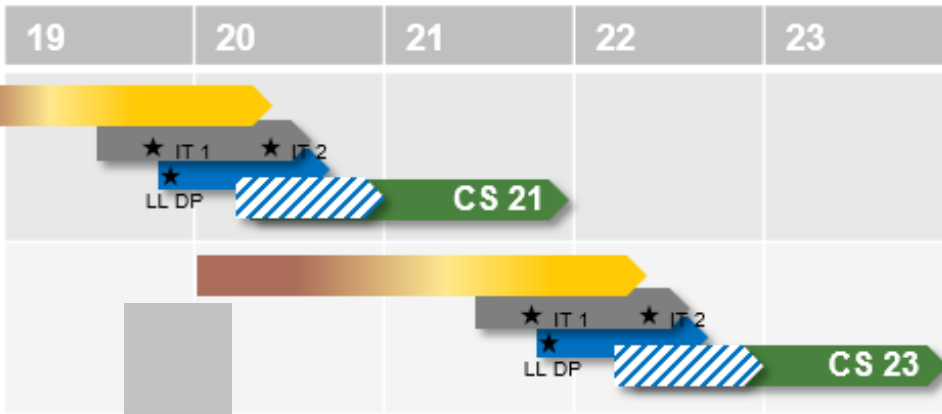
- Cloud capability
- Automated network management and decision making tools
- Leap ahead network security
- Significantly faster connectivity (5G or equivalent)
- Advanced air-ground communications
- Combat and tactical vehicle mobile

Capability Set 23: Capacity & Resiliency

- Increased bandwidth
- High capacity commercial satellite communications
- Increased mobility for maneuver
- Initial cloud capability
- Anti-jamming capability

Capability Set 27: Multi-Domain Dominance

- Hardened wireless connectivity (5G or equivalent)
- AI and machine learning enabled
- Cyber improvements
- COE: Common applications across formations
- Reduced electromagnetic signature



Network of 2028
Multi-Domain Dominance

LOE OBJECTIVES

Assured network transport in a contested environment against a peer adversary

Dominate Cyber Electromagnetic Activities (CEMA)

Distributed mission command and rapid decision making (Observe, Orient, Decide, Act)

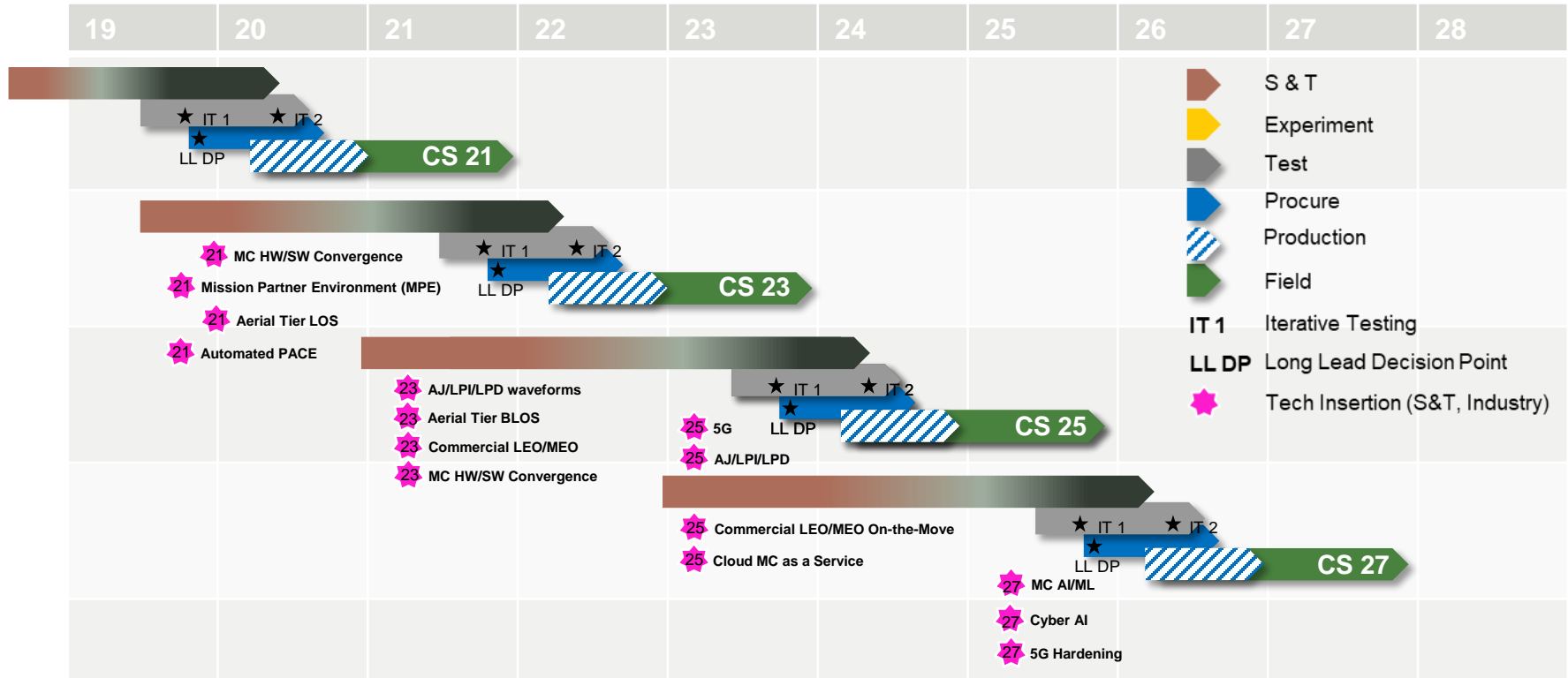
Mobile/ survivable CPs in a dynamic, lethal combat environment

Enable LRPF, NGCV, FVL, AMD and SL modernizations priorities

Joint interoperability / Coalition accessibility with all Unified Action Partners



TWO YEAR CAPABILITY SET PHASES



S & T	EXPERIMENT	TEST	PROCURE	PRODUCTION	FIELD
<ul style="list-style-type: none"> Technology Identification Concept Development and Tech Maturation Lab-based Risk Reduction Tech Validation Tech Transition 	<ul style="list-style-type: none"> Demonstration and Validation Influence data requirements Reporting (CLRs/MEMOS as applicable) Support Requirements Dev Docs (ICDs, etc) 	<ul style="list-style-type: none"> Safety Release/ Confirmation Memos Developmental Test (DT) Initial Operational Test (IOT) Reporting (CLRs, MEMOs, Eval Reports as applicable) 	<ul style="list-style-type: none"> Buying prime mission equipment (including LRIP/FRP contract activities) Buying support items (initial spares and warranty) 	<ul style="list-style-type: none"> Production of equipment Lead time Inspection Quality Control 	<ul style="list-style-type: none"> Delivery of equipment Development/delivery of training support package Materiel Release Capstone NET event



PROJECT MANAGER MISSION COMMAND (PM MC)

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Strategic Initiatives PM MC

1. Command Post Computing Environment
2. Joint Battle Command - Platform / Mounted Computing Environment
3. Fires Support Command Control
4. Command Post Integrated Infrastructure

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FY19 APBI Update Since FY18 APBI PM MC

TOTAL ACTIONS BRIEFED: 2

RFPs RELEASED: 0

ACTIONS AWARDED: 1

- Mounted Family of Computer Systems (MFOCS) II, May 2018

STRATEGY CHANGES:

- Fielding Support Services: Contracting Office changed from ACC-APG RS3 to DISA-DITCO or GSA (TBD)
- Product Support: Part of above effort - No longer a separate action



FY19 Opportunity PM MC Command Post Integrated Infrastructure (CPI2)

Design, develop, and deliver mobile and survivable Army Command Posts prototypes. **PoP 18 months.**

CONTRACT TYPE: Other Transaction Authority (OTA)

Competitive among the Consortium for Command, Control and Communications in Cyberspace (C5) members, Firm Fixed Price (FFP),

ESTIMATED VALUE: \$15M-\$20M

CONTRACTING CONTACT: C5 OTA Office, Timothy Garry, (973) 724-9745,
timothy.j.garry2.civ@mail.mil

WHITE PAPER EVALUATIONS: Received

ESTIMATED AWARD: 4QFY19

Potential subcontracting opportunities after down selection of white papers

Line of Effort 4: Command Post (CP) Mobility/Survivability

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FY20 Opportunity PM MC Cyber Situational Understanding

Procurement of a Commercial Off The Shelf/Non-Developmental Item (COTS/NDI) software only infrastructure package that will allow for the immediate correlation of Cyber Electromagnetic Activity (CEMA) to help Commander's understand operational environment threat and vulnerabilities of CEMA. **PoP 3 Years**

CONTRACT TYPE: TBD

ESTIMATED VALUE: \$20M-\$30M

CONTRACTING CONTACT: TBD

REQUEST FOR INFORMATION (RFI):

- Multiple RFI Notices Issued
- PM MC Industry Day 19-20 March 2019
- Final RFI Estimated Release: 4QFY19

DRAFT SOLICITATION RELEASE: TBD

ESTIMATED SOLICITATION RELEASE DATE: 1QFY20

PRIOR/CURRENT CONTRACT INFORMATION: None

Line of Effort 2: Common Operating Environment

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FY20 Opportunity PM MC Installation Kits

Provide “Build-to-Print” Installation Kits for current PM MC and C3T systems to include designing, modifying, and procuring installation kits, cables, and brackets. **PoP 10 years (3 year base, seven 1-year options).**

CONTRACT TYPE: Multiple Award Contract (MAC) Indefinite Delivery Indefinite Quantity (IDIQ), Firm Fixed Price (FFP), One (1) Large Business and One (1) Small Business

ESTIMATED VALUE: \$250M-\$500M

CONTRACTING CONTACT: DISA-DITCO, Kevin Poore, (618) 418-6263, kevin.l.poore.civ@mail.mil

DRAFT SOLICITATION RELEASE: TBD

SOLICITATION #: TBD

ESTIMATED SOLICITATION RELEASE DATE: 3QFY20

PRIOR/CURRENT CONTRACT INFORMATION:

Contract Number: HC1028-17-D-0002

Incumbent Contractor: Ace Electronics Defense Systems, LLC

Contracting Division POC: DITCO, Kevin Poore, (618) 418-6263, kevin.l.poore.civ@mail.mil

Contract Number: NNG15SC08B/HC108418F0089

Incumbent Contractor: DRS Networking & Imaging Systems

Contracting Division POC: DITCO, Kevin Poore, (618) 418-6263, kevin.l.poore.civ@mail.mil

Line of Effort 2: Common Operating Environment

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FY20 Opportunity PM MC Fielding Support Services

Provide fielding, installation, training, logistical support, Field Service Representation (FSR), and design/development of product support deliverables for the PM MC portfolio of Command Post, Platform based and Fire Support and Control/Situational Awareness products. **Pop 5 years (1-year base, four 1-year options).**

CONTRACT TYPE: Single Award Definitive, Cost Plus Fixed Fee (CPFF) and Firm Fixed Price (FFP)

ESTIMATED VALUE: \$250M-\$500M

CONTRACTING CONTACT: DISA-DITCO or GSA (TBD)

DRAFT SOLICITATION RELEASE: TBD

SOLICITATION #: TBD

ESTIMATED SOLICITATION RELEASE DATE: 4QFY20

PRIOR/CURRENT CONTRACT INFORMATION:

Contract Number: GSQ0316DS0019

Incumbent Contractor: Bowhead Logistics Solutions, LLC

Contracting Division POC: GSA, Eileen Flanigan, eileen.flanigan@gsa.gov

Contract Number: GSQ0316DS0030

Incumbent Contractor: Southeastern Computer Consultants

Contracting Division POC: GSA, Eileen Flanigan, eileen.flanigan@gsa.gov

Line of Effort 2: Common Operating Environment

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Way Ahead / Future Concepts PM MC

Command Post Computing Environment

- Initial Common Operational Picture (COP) developed and released for both CP & MCE to include hardware updates with new cyber security improvements.
- Continue support for Coalition Mission Partner Environment (MPE) Network enclaves
- Integration of Command Post and Mounted Platform Computing Environment.
- Integrated cyber security solutions to detect/defend/deter network attacks.

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PROJECT LEAD NETWORK ENABLERS (PL NET E)

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Strategic Initiatives PL NET E

1. **Modernization of Network Security:** Procuring, testing, and fielding modern Communication Security (COMSEC) and Key Management Infrastructure solutions to secure enterprise and tactical networks against cyber threats and peer / near-peer Signals Intelligence (SIGINT) attacks / collection.
2. **Simplification Through Standardization of Tactical Commercial Off The Shelf (COTS) Information Technology (IT):** Providing efficient contract mechanisms to allow the Army to centrally, rapidly, and resource efficiently procure and sustain COTS IT components to support the simplification of lifecycle management of the Army Tactical Network through efficient marketing and utilization of the Common Hardware Systems 5 (CHS 5) contract to support the Warfighter.
3. **Network Interoperability:** Using Network Initialization and Configuration engineering services and data product development to ensure the tactical network operates as one unified system. Providing the behind the scenes work that ensures all systems on the network are able to communicate. Addressing legacy system data product requirements while simultaneously establishing standards for new and coalition system interoperability.
4. **Driving Secure Business Communication:** Implementing innovative collaborative and information sharing tools that connect individuals and organizations across the DoD communities. Provide the opportunity to support mission information exchange through use of effective, efficient, and secure idea-sharing environments.



FY19 APBI

Update Since FY18 APBI PL NET E

TOTAL ACTIONS BRIEFED: 5

RFPs RELEASED: 1

- Military Technology Solutions (milTech)

ACTIONS AWARDED: 2

- Common Hardware Systems 5th Generation (CHS-5)
- Military Technology Solutions (milTech)

STRATEGY CHANGES:

- Next Generation Load Device-Medium (NGLD-M)
 - Contract Strategy encompasses development, production, and sustainment requirements
 - Strategy allows for the development of a new end product
 - Expected value of contract changed based on new strategy
 - Contracting organization has changed
- Mass Updaters
 - Due to low quantity requirement, production completed by Government facility; no longer available as an industry opportunity
- PPDSS
 - Contracting Strategy projected use of RS3 Contract vehicle, ACC-APG
- PL Net E SETA Support:
 - Contracting Strategy still under determination

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FY19 Opportunity PL NET E

Next Generation Load Device – Medium (NGLD-M)

The Army Key Management (KM) program will require research, development, manufacturing, production and sustainment support for the NGLD-M fill device. Support services include technical assistance and periodic engineering change proposals. Additional services may include sustainment, repairs, engineering support, spares provisioning, integration and software support. **PoP 10 Years (5-year base, five 1-year options).**

CONTRACT TYPE: Full and Open Competition, Single Award, Indefinite Delivery Indefinite Quantity (IDIQ) Contract, Firm Fixed Price/Cost Plus Fixed Fee (FFP/CPFF) and/or Cost Plus Incentive Fee (CPIF) Task Orders

ESTIMATED VALUE: \$350M-\$940M

CONTRACTING CONTACT: DISA-DITCO, Mr. Kevin Poore, (618) 418-6263,
kevin.l.poore.civ@mail.mil

DRAFT SOLICITATION RELEASE: 3QFY19

SOLICITATION #: DITCO Tracking Number: 841912870

ESTIMATED SOLICITATION RELEASE DATE: 4QFY19

PRIOR/CURRENT CONTRACT INFORMATION: None

Line of Effort 1: Unified Network

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FY19 Opportunity PL NET E

Production and Post Deployment System Support

The overarching objective of this requirement is to provide post production and development software support, including system engineering, software development, software maintenance, software upgrades, procurement, testing, integration and helpdesk support for PL Net E legacy and new software components. **PoP 5 Years (1-year base, four 1-year options).**

CONTRACT TYPE: Task Order (TO) under a Multiple Award Task Order (MATO) Contract, Cost Plus Fixed Fee (CPFF)

ESTIMATED VALUE: \$45M-\$55M

CONTRACTING CONTACT: TBD

DRAFT SOLICITATION RELEASE: TBD

SOLICITATION #: TBD

ESTIMATED SOLICITATION RELEASE DATE: 4QFY19

PRIOR/CURRENT CONTRACT INFORMATION:

Contract Number: GS00Q09BGD0020/GSQ0316DS0004

Incumbent Contractor: CACI Inc.

Contracting Division POC: GSA, Christine Chaaple, (215)446-5857

Line of Effort 1: Unified Network



FY19 Opportunity PL NET E Systems Engineering and Technical Assistance

Program management, asset management and logistics, information security, systems engineering and network support to include analysis, operations, software engineering, training and technical services from concept to customer delivery in a total system environment. This task order will support all PL Net E functional areas, products and programs and current and future tactical network infrastructures. **PoP 5 Years (1-year base, four 1-year options).**

CONTRACT TYPE: Cost Plus Fixed Fee (CPFF) Task Order under a Multiple Award Task Order (MATO) Contract,

ESTIMATED VALUE: \$160M-\$170M

CONTRACTING CONTACT: TBD

DRAFT SOLICITATION RELEASE: TBD

SOLICITATION #: TBD

ESTIMATED SOLICITATION RELEASE DATE: 4QFY19

PRIOR/CURRENT CONTRACT INFORMATION:

Contract Number: GS00Q09BGD0019/GSQ0015AJ0098

Incumbent Contractor: Booz Allen Hamilton

Contracting Division POC: GSA, Jeffrey Chance, (703)615-0371, jeffrey.chance@gsa.gov

Line of Effort 1: Unified Network

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Way Ahead / Future Concepts PL NET E

1. Continuous COMSEC modernization of Army tactical and enterprise network to address known and forecasted threats.
2. Use changes in Army Regulations and strategic sourcing requirements to drive efficiencies through the entire lifecycle of systems of COTS IT.
3. Not only provide system of systems engineering support and rapid data product delivery for network interoperability, but continue to find efficiencies and define new capabilities that allow the Soldier the flexibility required to make COMSEC and data product changes based on their specific mission needs.
4. Keep pace with mechanisms of communication used by civilian organizations and provide a secure and effective equivalent solution to streamline today's cybersecurity requirements.
5. Coordinate and integrate effective contracting strategies for products in support of the N-CFT and program management offices.



PROJECT MANAGER TACTICAL NETWORK (PM TN)

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Strategic Initiatives PM TN

1. Tactical Network Transport – Modernization in Service
 - Medium Earth Orbit / Low Earth Orbit Satellite Communications
 - Unified Network Operations (NetOps) Management Tools development
2. Expeditionary Signal Modernization / Satellite Communications
 - Expeditionary Signal Battalion – Enhanced (ESB-E)
 - Protected Satellite Communications (SATCOM) Initiatives
3. Mission Partner Environment



FY19 APBI Update Since FY18 APBI PM TN

TOTAL ACTIONS BRIEFED: 5

RFPs RELEASED: 3

- Enhancements and Technical Support for Division/Regional Hub Nodes (DHNs/RHNs)
- Product Manager (PdM) Network Modernization (NetMod) Support Services
- Troposcatter Transmission (TROPO)

ACTIONS AWARDED: 0

STRATEGY CHANGES:

- Current Systems and Research, Development, Test & Evaluation (RDT&E) Engineering Support Services contract was extended; new estimated solicitation release date of 2QFY20
- Current Logistics, Fielding and Training Services contract was extended; new estimated solicitation release date of 4QFY19
- Current Engineering and Technical Support contract was extended; new estimated solicitation release date of 1QFY20



FY19 Opportunity PM TN

Enhancements and Technical Support for Division / Regional Hub Nodes (DHNs/RHNs)

Technical, engineering, integration, testing, fielding, and integrated logistics support of material and non-material solutions to PM TN to include enhancements to the division level DHN, RHN and Satellite Transportable Terminal (STT) systems to reduce size, weight and power while improving capability and addressing obsolescence for each system. **PoP 3 Years (1-year base, two 1-year options).**

CONTRACT TYPE: Small Business Set-Aside, Firm Fixed Price (FFP) and Cost Plus Fixed Fee (CPFF) Task Order under the Deployable Adaptive Global Responder Support (DAGRS) Multiple Award Indefinite Delivery, Indefinite Quantity (IDIQ) contract

ESTIMATED VALUE: \$30M-\$40M

CONTRACTING CONTACT: ACC-APG Research Triangle Park (RTP) Division, Emily Hobbs, (919) 541-9475, emily.s.hobbs.civ@mail.mil

DRAFT SOLICITATION RELEASE: 2QFY19

SOLICITATION #: W911NF-15-D-0007/DO 0023

SOLICITATION RELEASE DATE: 15 March 2019 (closed 14 April 2019)

PRIOR/CURRENT CONTRACT INFORMATION:

Contract Number: W911NF-15-D-0007/DO 0003

Incumbent Contractor: Envistacom LLC

Contracting Division POC: RTP, Emily Hobbs, (919)541-9475, emily.s.hobbs.civ@mail.mil

Line of Effort 1: Unified Network

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FY19 Opportunity PM TN Network Modernization (NetMod) Support Services

Engineering, development and design, test and evaluation, logistics, training and potentially acquisition and strategic planning for Product Manager (PdM) NetMod Signal programs, PdM Mission Network Increment 1 legacy equipment and future systems for 2019-2024. **PoP 5 Years (1-year base, four 1-year options).**

CONTRACT TYPE: Cost Plus Fixed Fee (CPFF) Task Order (TO) under Responsive Strategic Sourcing for Services (RS3) Contract

ESTIMATED VALUE: \$90M-\$100M

CONTRACTING CONTACT: ACC-APG, Jason Ucci, (908) 692-3425, jason.t.ucci.civ@mail.mil

DRAFT SOLICITATION RELEASE: 2QFY19

SOLICITATION #: RS3-18-0038

SOLICITATION RELEASE DATE: 19 March 2019 (closed 18 April 2019)

PRIOR/CURRENT CONTRACT INFORMATION:

Contract Number: W15P7T-13-D-0005/TO 0003 (GTACS)

Incumbent Contractor: General Dynamics Mission Systems

Contracting Division POC: ACC-APG, Jason Ucci, (908) 692-3425, jason.t.ucci.civ@mail.mil

Line of Effort 1: Unified Network

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FY19 Opportunity PM TN CISCO Network Optimization Services

CISCO Advanced Services from a CISCO Authorized Reseller to support Network Optimization Serviced Solution in support of PM TN. Services required include Strategy of: Design, Software, Hardware, Change Management, and Network Management. **PoP 5 Years (1-year base, four 1-year options).**

CONTRACT TYPE: Competitive, Firm Fixed Price (FFP), Brand Name, Task Order under National Aeronautics and Space Administration (NASA) Solutions for Enterprise-Wide Procurement (SEWP) Multiple Award Government-Wide Acquisition Contract (GWAC)

ESTIMATED VALUE: \$3M-\$8M

CONTRACTING CONTACT: DISA-DITCO, Brenda Green, (618) 229-9326, brenda.f.green6.civ@mail.mil

DRAFT SOLICITATION RELEASE: 3QFY19

SOLICITATION #: TBD

ESTIMATED SOLICITATION RELEASE DATE: 3QFY19

PRIOR/CURRENT CONTRACT INFORMATION:

Contract Number: NNG15SC45B

Incumbent Contractor: Presidio Networked Solutions, LLC

Contracting Division POC: DISA-DITCO, Brenda Green, (618) 229-9326, brenda.f.green6.civ@mail.mil

Line of Effort 1: Unified Network

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FY19 Opportunity PM TN Logistics, Fielding and Training Services

Integrated Logistics Support (ILS) to include logistics planning, technical writing, training, fielding, property book, warehouse management and shipping. Support also includes assisting PM TN with the acquisition life cycle of all the programs. **PoP 5 Years (1-year base, four 1-year options).**

CONTRACT TYPE: TBD

ESTIMATED VALUE: \$225M-\$275M

CONTRACTING CONTACT: GSA, Rick Yao, (212) 264-8345, rick.yao@gsa.gov

DRAFT SOLICITATION RELEASE: 4QFY19

SOLICITATION #: TBD

ESTIMATED SOLICITATION RELEASE DATE: 4QFY19

PRIOR/CURRENT CONTRACT INFORMATION:

Contract Number: GS-10F-0008V/TO GSQ0214CJ004

Incumbent Contractor: Engineering Solutions & Products (ESP)

Contracting Division POC: GSA, Rick Yao, (212) 264-8345, rick.yao@gsa.gov

Line of Effort 1: Unified Network



FY19 Opportunity PM TN Satellite Transportable Terminal – High Power (STT-HP) Sustainment Support II

Sustainment support, repairs and procurement of replenishment spares to maintain required operation availability levels in the field for the STT-HP. Contractor shall also provide sustainment support services to include system component and system level repairs, logistics support services for changes/updates to logistics documentation and other products; and provide engineering/technical support to accomplish overall sustainment of the STT-HPs. **PoP 3 Years (1-year base, two 1-year options).**

CONTRACT TYPE: TBD

ESTIMATED VALUE: \$35M-\$45M

CONTRACTING CONTACT (if known): TBD

DRAFT SOLICITATION RELEASE: 4QFY19

SOLICITATION #: TBD

ESTIMATED SOLICITATION RELEASE DATE: 4QFY19

PRIOR/CURRENT CONTRACT INFORMATION:

Contract Number: W15P7T-13-D-0015/DO 0009 (GTACS)

Incumbent Contractor: DATAPATH, Inc.

Contracting Division POC: ACC-APG, Grace Battle, (443) 861-4998, grace.a.battle.civ@mail.mil

Line of Effort 1: Unified Network

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FY20 Opportunity PM TN Engineering and Technical Support Services

Systems engineering and technical services to include: strategic planning; concept development and requirements planning; systems design, engineering and integration; documentation support and software/hardware engineering. Support also includes assisting PM TN with the acquisition life cycle of all the programs. **PoP 5 Years (1-year base, four 1-year options).**

CONTRACT TYPE: TBD

ESTIMATED VALUE: \$100M-\$150M

CONTRACTING CONTACT: GSA, Rick Yao, (212) 264-8345, rick.yao@gsa.gov

DRAFT SOLICITATION RELEASE: 1QFY20

SOLICITATION #: TBD

ESTIMATED SOLICITATION RELEASE DATE: 1QFY20

PRIOR/CURRENT CONTRACT INFORMATION:

Contract Number: GS00Q09BGD0019/TO GSQ0215CJ0005

Incumbent Contractor: Booz Allen Hamilton (BAH)

Contracting Division POC: GSA, Rick Yao, (212) 264-8345, rick.yao@gsa.gov

Line of Effort 1: Unified Network



FY20 Opportunity PM TN Systems and Research, Development, Test & Evaluation (RDT&E) Engineering Support Services

Systems engineering; support in the following areas: technical, laboratory, test, and field engineering. Includes acquisition of communications equipment to support Wideband Global SATCOM (WGS), Defense Satellite Communication Subsystem (DSCS), Advanced Extremely High Frequency (AEHF), and Military Strategic and Tactical Relay (MILSTAR) SATCOM programs, projects and initiatives. **PoP 5 Years (1-year base, four 1-year options).**

CONTRACT TYPE: TBD

ESTIMATED VALUE: \$50M-\$75M

CONTRACTING CONTACT: GSA, Fitzgerald Chin, (212) 264-0712, fitzgerald.chin@gsa.gov

DRAFT SOLICITATION RELEASE: 2QFY20

SOLICITATION #: TBD

ESTIMATED SOLICITATION RELEASE DATE: 2QFY20

PRIOR/CURRENT CONTRACT INFORMATION:

Contract Number: GS-23F-0113S/TO GSQ0215CJ0010

Incumbent Contractor: Linqest

Contracting Division POC: GSA, Fitzgerald Chin, (212) 264-0712, fitzgerald.chin@gsa.gov

Line of Effort 1: Unified Network



PROJECT MANAGER TACTICAL NETWORKS (PM TN) GLOBAL TACTICAL ADVANCED COMMUNICATIONS SYSTEM (GTACS)

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FY19 APBI Update Since FY18 APBI GTACS

TOTAL ACTIONS BRIEFED: 6

RFPs RELEASED: 2

- Global Tactical Advanced Communication System (GTACS) II / Closed
- Deployable KU-Band Earth Terminal (DKET) / Closed

ACTIONS AWARDED: 2

- Joint Satellite Communications (SATCOM) Engineering Center
- Troposcatter (Legacy) Production and Services

STRATEGY CHANGES:

- Field Support Representatives (FSRs): Changed from 5 Years (1-year base, four 1-year options) to 3 Years (1-year base, two 1-year options) contract.



FY19 Opportunity PM TN Field Support Representatives (FSRs)

Services for the Secure Internet Protocol Routing (SIPR) / Non-Secure Internet Protocol Routing (NIPR) Access Point (SNAP), the United States Marine Corps (USMC) Support Wide Area Network (SWAN), Wireless Point-to-Point Link (WPPL) and commercialization efforts. Efforts are primarily for the SWAN and SNAP network but may be rendered for use on other systems and/or networks as required to meet operational needs of already fielded systems. Support provided to Continental United States (CONUS) and Outside Continental United States (OCONUS) to include Southwest Asia (SWA). **PoP 3 Years (1-year base, two 1-year options).**

CONTRACT TYPE: Cost Plus Fixed Fee (CPFF) and Firm Fixed Price (FFP) Task Order (TO)

ESTIMATED VALUE: \$150M-\$200M

CONTRACTING CONTACT (if known): ACC-APG. Megan Ridner, (443) 861-5001, megan.a.ridner.civ@mail.mil

DRAFT SOLICITATION RELEASE: 3QFY19

SOLICITATION #: SGTACS 18-R-0011

ESTIMATED SOLICITATION RELEASE DATE: 3QFY19

PRIOR/CURRENT CONTRACT INFORMATION:

Contract Number: W15P7T-13-D-0015/DO 0008 (GTACS)

Incumbent Contractor: Data Path

Contracting Division POC: ACC-APG, Megan Ridner, (443) 861-5001, megan.a.ridner.civ@mail.mil

Line of Effort 1: Unified Network

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FY20 Opportunity PM TN

Micro Very Small Aperture Terminal III (VSAT III)

Provide replacement parts/items (hardware and software) and services for the various Tampa microwave Manpack and Flyaway terminal configurations to include baseband equipment and commercial manuals; and Interchangeable modems and power supplies for each of the terminals. **5 Years (1-year base, four 1-year options).**

CONTRACT TYPE: Cost Plus Fixed Fee (CPFF) and Firm Fixed Price (FFP) Task Order (TO)

ESTIMATED VALUE: \$150M-\$500M

CONTRACTING CONTACT (if known): ACC-APG, Grace Battle, (443) 861-4998, grace.a.battle.civ@mail.mil

DRAFT SOLICITATION RELEASE: 3QFY20

SOLICITATION #: TBD

ESTIMATED SOLICITATION RELEASE DATE: 3QFY20

PRIOR/CURRENT CONTRACT INFORMATION:

Contract Number: W15P7T-13-D-0018/DO 0007 (GTACS)

Incumbent Contractor: Telecommunications Systems Inc.

Contracting Division POC: ACC-APG, Grace Battle, (443) 861-4998, grace.a.battle.civ@mail.mil

Line of Effort 1: Unified Network

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Way Ahead / Future Concepts PM TN

1. Tactical Network Transport – Modernization in Service
 - Waveform Resiliency / Protected Tactical Waveform
 - Low Earth Orbit / Medium Earth Orbit Satellites
 - Research and Development with terminal and antenna solutions
 - Experimentation with Commercial LEO services and terminals
 - Improving Network Operations (NetOps) across the Tactical Network Portfolio
 - Network Optimization
 - Routing
 - Quality of Service
 - Load Balancing
2. Expeditionary Signal Modernization / Satellite Communications
 - Leverage Commercial Broadband Wireless and Commercial SATCOM Services



PROJECT MANAGER TACTICAL RADIOS (PM TR)

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Strategic Initiatives PM TR

1. Integrated Tactical Network (ITN)
2. Security Forces Assistance Brigade (SFAB)
3. Integrated Visual Augmentation System (IVAS) Squad Network Radio
4. Commercial Waveform Characterization and Development



FY19 APBI Update Since FY18 APBI PM TR

TOTAL ACTIONS BRIEFED: 2

RFPs RELEASED: 2

- Systems Engineering and Technical Assistance (SETA), June 2018.
- Material Fielding and Integrated Product Support, March 2019.

ACTIONS AWARDED: 1

- Systems Engineering and Technical Assistance (SETA), October 2018.

STRATEGY CHANGES:

- None



FY19 Opportunity PM TR

Material Fielding and Integrated Product Support

Material Fielding, Integrated Product Support, Platform Integration, and Field Support Services.
PoP 5 Years (1-year base, four 1-year options).

CONTRACT TYPE: Small Business Set-Aside, Single Award, Cost Plus Fixed Fee (CPFF) and Firm Fixed Price (FFP) Task Order (TO) under Responsive Strategic Sourcing (RS3) Multiple Award IDIQ contract

ESTIMATED VALUE: \$75M–\$150M

CONTRACTING CONTACT: ACC-APG, Michael Gomes, (443) 861-4874,
Michael.m.gomes.civ@mail.mil.

DRAFT SOLICITATION RELEASE: N/A

SOLICITATION #: RS3-18-0045

SOLICITATION RELEASE DATE: 19 March 2019 (closes 19 April 2019)

PRIOR/CURRENT CONTRACT INFORMATION:

Contract Number: GS-10F-0008V/TO GSQ0214CJ006

Incumbent Contractor: Engineering Solutions and Products (ESP)

Contracting Division POC: GSA, Rick Yao, (212) 264-8345, rick.yao@gsa.gov

Line of Effort 1: Unified Network



Way Ahead / Future Concepts PM TR

Modernizing the Army's Tactical Network

- Smaller, lighter, and faster communications systems
- Easy to use applications and network devices
- Connectivity options (multiple routes)
- Network security and management systems