Direct Reporting Program Manager
Positioning, Navigation, and Timing

Assured PNT Program Overview

Mr. Kevin Coggins, PM | 1 February 2017
Positioning, Navigation, and Timing

Positioning – ability to determine accurate and precise locations

Navigation – ability to maneuver with accuracy and precision

Timing – ability to acquire and maintain accurate and precise time

PNT capabilities enable commanders to visualize the operational environment by providing precise location of friendly forces and enabling the determination of enemy locations.

PNT capabilities are a common thread through all joint functions and are critical to the conduct of joint force operations and mission accomplishment.
Assured PNT provides the ability for the Soldier to obtain accurate and reliable PNT information while operating in various threat environments.

A-PNT is a complex system of systems that includes multiple capabilities:

- Pseudolites
- Dismounted PNT
- Mounted PNT
- Anti-Jam Antenna System

A-PNT products support a large variety of target platforms that have different size, weight, power constraints, requirements, integration timelines, and PNT distribution dependencies.

We need to push beyond GPS-only solutions and incorporate and integrate new technologies.

The acquisition approach focuses on acquiring materiel solutions that provide PNT data access and integrity.
Assured PNT

Four Programs of Record (PoRs) to conduct Engineering and Manufacturing Development (EMD):

- Pseudolites
- Dismounted A-PNT System (DAPS)
- Mounted A-PNT System (MAPS)
- Anti-Jam Antenna System

Contracting Approach:

- Full and Open Competition
- Single A-PNT EMD Indefinite Delivery Indefinite Quantity (IDIQ) contract up to 5 years
- Development, integration, testing, and Low-Rate Initial Production (LRIP) of the A-PNT System of Systems
- Second Tier Competition
  - Prime contractor will conduct competition to provide multiple viable technical alternatives for each A-PNT product
  - Government chooses among EMD materiel solutions proposed by the prime contractor
Estimated Timeline to Contract Award

- Industry Day – 2-4 Aug 2016
- Milestone B ASARC / Contract Award – 3rd Qtr 2018
  Army OIPT
- Proposal Evaluation/Source Selection
  Evaluation Board – 2nd and 3rd Qtrs 2018
- Bidder’s Proposal Development – 1st Qtr 2018
- Dev RFP Release Army System
  Acquisition Review Council (ASARC)
- Capabilities Development Document (CDD)
- Army Requirements Oversight Council (AROC)
- CDD Joint ROC
- Draft Request for Proposal (RFP) – 3 Qtr 2017
- RFP Release – 4th Quarter (Qtr) 2017
  Army Overarching Integrated Product Team
- Contract Award 3QFY18

AUG 2
"The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services."
A-PNT FY17

CONTRACT TYPE: Hybrid FFP, FPI, CR, CPAF, CPFF, CPIF

ESTIMATED VALUE: $400M-$800M

CONTRACTING CONTACT: ACC-APG, KO Jennifer Mattessino, 443-861-4772, Contract Specialist Brian Holman, 443-861-4765

SOLICITATION #: N/A

ESTIMATED SOLICITATION RELEASE DATE: 4QFY17

PRIOR/CURRENT CONTRACT INFORMATION: N/A

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A-PNT Organizational Overview / Way Ahead / Future Concepts

- A single contract to meet EMD, LRIP, and Operational Testing (OT) requirements across all four acquisition programs
- A single prime contractor across A-PNT products
- The ability to ensure the best materiel solutions for each product will be selected
- A means of identifying and considering multiple innovative solutions from across industry
- The ability to decouple the acquisition programs, allowing different timing and paths to Milestone C, Full Rate Production (FRP), and Initial OT and Evaluation for individual programs while maintaining a system of systems approach to Final OT and Evaluation

A-PNT products can be developed and fielded independently to provide required capabilities; A-PNT SoS achieved when all products are fielded and provides greater operational capabilities.

- Sequencing of separate, distinct EMD phases for A-PNT PoRs allows for independent early fielding of technologically mature A-PNT products

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