Army Communications Modernization: Re-set, Re-vamp, Re-Envision

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The **Department of the Army** is currently witnessing a major transformation of its communication strategies aimed at providing back-end support to the Warfighter. Due to the larger, overarching strategy of providing seamless communications integration, operational environment synthesis, and expeditionary functionality (a strategy driven in great part by the LandWarNet effort, Army's portion of the Global Information Grid or GIG), many upcoming communications opportunities in Army will require a broader and more holistic approach to the service's ultimate end-goals.

Beyond the following opportunities, the Army, by its own admission, is experiencing serious deficiencies in the following areas:

- Bandwidth sufficiency
- Spectrum availability
- Spectrum management services

Future opportunities will very likely address, either directly or in part, this capacity issue.

GovWin is tracking the following modernization efforts in Army communications:

COMMUNICATION AND TRANSMISSION SYSTEMS (CTS) (GovWin Opportunity Report ID#45253)

- Status: Pre-RFP
- Value: $30 billion (Government Estimate)
- Summary: The Communication and Transmission Systems (CTS) requirement outlines the Project Manager, Defense Communications (PM DCATS) current and future needs for wireless communications equipment. This opportunity will include all transmission media (including hardware/software, satellite broadband, and power infrastructure) along with necessary ancillary technical support services. Any chosen solutions should ensure interoperability with the Global Information Grid (GIG).

COMMON HARDWARE AND SOFTWARE III (CHS III) (GovWin Opportunity Report ID#48066)

- Status: Pre-RFP
- Value: $1.75 billion (GovWin Estimate)
- Summary: The Common Hardware and Software III (CHS-3) requirement is defined as the Army's common need for varying types of communications and electronic equipment and attendant services, including cables, hardware, software, and parts, maintenance, and logistics. Originally intended as a "clearinghouse" of sorts for the latest commercial equipment, CHS-3 has evolved into a sophisticated program that provides end-to-end parts, engineering, testing, repair, and logistics management, on one contract. CHS-3 will provide the Army with the goods and services necessary to meet obsolescence and innovation challenges.

NETWORK SCIENCE COLLABORATIVE TECHNOLOGY ALLIANCE (CTA) (GovWin Opportunity Report ID#49639)

- Status: Pre-RFP
- Value: $252 million (GovWin Estimate)
- Summary: The Network Science Collaborative Technology Alliance (CTA) is Army's answer to a greater need for research and technology applications related to human factors within systems, and it will focus on four areas: Social Cognitive Networks Research, Information Networks Research, Communication Networks Research, and an Integration center that will bring the analyses of these divisions together. CTA will play a role in the development of state-of-the-art knowledge management, and will shape a defined space for

innovation in the communications realm by funding research related to optimal communications within a heterogeneous network of users (such as personnel, UAV's, UAG's, and robotics). Such information could play a key role in further advances to the Global Information Grid (GIG).

ARMY LANDWARNET NETOPS ARCHITECTURE (LNA) (GovWin Opportunity Report ID#47889)

- Status: Pre-RFP
- Value: TBD
- Summary: Currently, the LandWarNet Netops Archictecture (LNA) communiqué to industry is an informational Special Notice, which alerts offerors to likely upcoming NetOps Capability Descriptions (NCD's) for procurements in the near future. LNA is an opportunity that supports the technology and communications architecture of LandWarNet in the following six ways: IP Transport Management, Computing Platform Management, Security Management, Enterprise Support, Enterprise Services & Application Management, and NetOps Modeling and Simulation. These six areas will include products and services related to Modularity/Joint Integration and IT Services Consolidation. The LNA is the Army's reprise to the Army Enterprise Netops Integrated Architecture (AENIA); as such, it will incorporate many of the same policy guidance policies as AENIA (such as the CIO/G-6 AENIA Policy Letter), but with a stronger focus on seamless integration and back-end utilities for the Warfighter.