



May 3, 2005

Re: FCC ERS Summary

Prime Contract # DAAB07-03-F-0095

Background

The Army Battle Lab has a requirement for a SATCOM on the Move capability to support the U.S. Army's PM Battle Command on the Move. These systems are envisioned being placed on HMMWVs, Bradely Fighting Vehicles, and Stryker Vehicles to provide Commander's with a continuous command and control capability while displaced, mounted and on the move.

Scope

Omega Systems, Inc. will engineer and assemble one high-profile terminal to be installed on a HMMWV at Ft. Gordon and install an Aloha hub suite for the terminal to connect to over Ku-band satellite. Ft. Gordon will be providing network services via DISA support. The hub will be installed, configured, and integrated with the Battle Lab's existing LAN network. Upon completion of all integration, acceptance testing and verification will be conducted and finally, user training provided to the Battle Lab's engineers and developers.

Tasks

The tasks outlined in the SOW were; NRE Phase 1, Phase 2 SOTM Terminal, Phase 2 Hub Equipment Lease and Phase 2 Integration. Below is our proposed approach for accomplishing the tasks:

Task 1. Project Management. Omega Systems will provide the NGMS Project Manager with a project management plan that outlines schedule, cost, quality control, and risk analysis.

Task 2. Non-Recurring Engineering (NRE). Omega Systems will provide NRE services and support to NGMS during the period of performance to include:

Task 3. Assemble and deliver a SOTM terminal capable of Tx 256Kbps/Rx 1Mbps while on the move at >60mph when mounted on a vehicle. Omega Systems will install the terminal on a vehicle and integrate the terminal with onboard network systems to allow utilization of command and control systems normally used by the Battle Lab. Upon completion of the installation and integration, acceptance testing will be completed and user training provided.

Task 4. Install hub equipment. An Aloha® satellite network hub system will be installed at the Battle Lab's network operations center and integrated with the Lab's test network to provide the Battle Lab with a means of conducting operational tests and evaluations of the system being installed. Upon completion of the installation, acceptance testing will be completed and user training provided.

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