STA File No. 0373-X-ST-2010

REQUEST FOR EXPEDITED PROCESSING

The subject application seeks authority for the development and technology briefing of equipment that, by the U.S. Army's own description, will be used for the fight of the Global War on Terror.

The subject application is for the use of X-Band satellite frequencies, under complete coordination with the Department of Defense, to demonstrate and develop an integrated warfare system and life cycle support system for most aspects of military operations, including in-country operations by troops in battle zones.

The operations sought by this application are crucial to the homeland security of the United States as the operations will be conducted by the U.S. military, a force that is without question the front line of international homeland security enforcement. Troops deployed around the globe will be able to harness communications to ensure troop safety and efficiently conduct operations. The instant application seeks authority for the U.S. link of a communications chain that is vital to the protection of the forces that stand at the forefront of homeland security. In addition, the link sought by this application can also be integrated into weapons development and used by U.S. military forces to ensure that weaponry is properly employed to limit casualties and strike intended targets.

The attached May 15, 2010, correspondence from CECOM formally affirms that the authorization which is being sought "will assist us with the fight of the Global War on Terror." The importance of the instant application is paramount to protect the homeland as well as to ensure that the war can be fought to achieve its goals.

NARRATIVE STATEMENT OF EXPERIMENT

Your applicant is a leading supplier of transportable VSAT terminals to the United States Department of Defense. Your applicant is expanding its experimental operations to use the military X-Band recently augmented by the launch of the WGS constellation.

For testing and demonstration purposes, your applicant will uses a 3.8M hub antenna at its headquarters in Victor, New York. Your applicant intends to use the XTAR-LANT satellite. The terminals used by your applicant for this experiment have either completed or are in the process of completing ARSTRAT certification for the Department of Defense.

ADDITIONAL TECHNICAL DATA

Your applicant provides the following information regarding certain technical specifications of the experiment:

Receive Antenna Gain: 29.7 dBi
Beamwidth: 2.8 degrees