

**ARMY NATIONAL GUARD
FY06 UFR'S**

15 January 2005

Subject: Improved Target Acquisition System (ITAS)

FY06 UFR: \$75.6M: Total UFR: \$259M

APPN:

Area of Interest: Modernization

Description: ITAS provides an advanced fire control and long-range surveillance capability, day and night, for all the TOW missiles and future missile systems. This advanced capability provides significant increases in target identification and engagement ranges over the ageing TOW2 weapon system. ITAS is integrated onto the highly versatile and deployable HMMWV platform, as well as being capable of dismount operations. As ITAS replaces the obsolete TOW2 weapon systems, significant reductions in logistical and maintenance cost for ARNG units will occur.

Issue Justification: As the ARNG transforms to Modularity, the ITAS system becomes the primary and only long –range precision weapon for the new 23 Infantry Brigade Combat Teams (BCTs). With 28 ITAS per BCT, the ITAS's 2nd Generation Thermal Sight also provides the Commander a long-range reconnaissance and surveillance capability required for the modular BCT's larger area of operations. The capability to augment RSTA missions and provide increase security awareness is constantly demonstrated in OIF and OEF theaters. ITAS replaces the obsolete TOW 2 system and reduces the component count from 18 separate line replaceable units (LRUs) to 6 integrated components; significantly reducing O&M cost. Currently the ARNG is incurring an O&M penalty to maintain obsolete TOW2 systems. Annual TOW2 O&M cost are budgeted at \$70,000/system (\$45M per year / 644 systems). Compared to demonstrated ITAS CLS performance at \$19,000/system (\$12M per year / 644 systems), an annual cost savings of \$33M is recognized.

Program Status: Fielding to the Active Army component is near completion, (over 600 ITAS). Under the current ITAS contract the ARNG has only 72 ITAS assigned to units deployed in support of OIF. This leaves the balance of the ITAS ARNG requirement of 576 systems not funded until FY08 with subsequent fielding in FY10. This procurement plan does not support the ARNG modularity transformation and a significant capabilities gap between Active and ARNG BCTs will exist jeopardizing the ability to support planned deployments. In order to field to the ARNG modularity transformation plan of 6 Infantry BCTs in FY08 a UFR of \$75.6M is required in FY05. (This assumes \$35.0M available in FY05)

SUBJECT: Improved Target Acquisition System (ITAS)

APPN: APE:

MDEP: MDEP TITLE: ITAS

DAMO-ZR 1-N List Priority number:

Division Priority:

Functional POC:

Approval Authority: COL Barrineau/NGB-ARF-M/703-607-7800

ITAS

\$K	FY05	FY06	FY07
Validated Requirement	\$ 12,600,000.00	\$25,200,000.00	\$63,000,000.00
Unvalidated Requirement	\$0		
Total Requirement	\$12,600,000.00		
Funded Amount	\$0		
Total UFR	\$12,600,000.00		

*\$450K per system is estimated for this application

ANALYSIS: Initial fielding of ITAS to the ARNG has been preempted by the shift of priorities to deploying units. ITAS is the replacement system for the TOW2 legacy system. In many cases, ARNG units have already turned in TOW2 systems in preparation for fielding the ITAS. Distribution of 68 systems to the ARNG was complicated by the need for SBE in theater (attached to up armored vehicles). Based on current TOE configurations, every Light Infantry BCT will need a full compliment of ITAS fielded. (644 systems)

***Note: Changes in requirements and unit costs due to the on-going design of the Modular Force require this information paper be updated periodically. Next analysis and update will occur in early March 05.**