

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

February 2007

BUDGET ACTIVITY		PE NUMBER AND TITLE							PROJECT	
4 - Advanced Component Development and Prototypes		0603766A - Tactical Support Development - Adv Dev (TIARA)							907	
COST (In Thousands)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total Cost
907 Tactical Surveillance Systems - TIARA	18027	19855	14423	9879	4385	2324	14950	8561		92404

A. Mission Description and Budget Item Justification: Integrate National and Theater capabilities into the tactical army architecture and force structure to support intelligence targeting and situational awareness. The mission is to define requirements and to get them integrated into the national/theater architectures/requirements and CONOPS. This involves an extensive amount of studies, simulations and experiments in coordination with multiple programs and commands. In the short term, the mission is to evaluate current National developmental technology and potential CONOPS then integrate these items into TENCAP systems/architectures/CONOPS. In the long run, the mission is to influence the type/direction of National technological/CONOPS development to meet future force requirements.

Capabilities developed will be incorporated into the Tactical Exploitation System (TES), Division TES (DTES), TES Lite, Future Combat System, and Distributed Common Ground System - Army (DCGS-A). Common Software Baseline addresses common Tactical Exploitation of National Capabilities (TENCAP) subsystems, planned improvements, key activities and ongoing/planned initiatives determined to have potential application to future national, theater and tactical intelligence, surveillance and reconnaissance capabilities.

FY08 Funding provides continuing development of Common Software Baseline and engineering efforts to support TENCAP.

<u>Accomplishments/Planned Program:</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Pursue technology to refine the TENCAP common baseline, fully exploiting national and theater capabilities to meet emerging worldwide contingency scenarios. Effort includes experimentation, Signals Intelligence (SIGINT), Imagery Intelligence (IMINT), communications, and Measurement and Signature Intelligence (MASINT) processing initiatives.	13902	15340	9773	5229
Support ASPO program management for administrative activities.	4125	4515	4650	4650
Total	18027	19855	14423	9879

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<u>B. Program Change Summary</u>	FY 2006	FY 2007	FY 2008	FY 2009
Previous President's Budget (FY 2007)	18637	20077	20580	22948
Current BES/President's Budget (FY 2008/2009)	18027	19855	14423	9879
Total Adjustments	-610	-222	-6157	-13069
Congressional Program Reductions		-222		
Congressional Rescissions				
Congressional Increases				
Reprogrammings	-610			
SBIR/STTR Transfer				
Adjustments to Budget Years			-6157	-13069

FY08 -FY 09: FY 08 decrease of \$6.157 million and FY 09 decrease of \$13.069 million was due to Departmental realignment of funds.

C. Other Program Funding Summary Not applicable for this item.

D. Acquisition Strategy As pioneers in streamlined acquisition, ASPO's success in delivering systems to warfighters is directly attributed to an environment emphasizing stable funding, low density acquisition, minimal use of MILSPECS, and managed competition. By influencing new technology direction, tailoring existing technology, leveraging the best commercial practices, and using commercial and government-off the shelf software, ASPO minimizes risk while maximizing efficiency. Government and contract personnel and facilities accomplish dedicated Integrated Logistics Support (ILS) for all systems through a coordinated effort.

ARMY RDT&E COST ANALYSIS (R3)

February 2007

BUDGET ACTIVITY			PE NUMBER AND TITLE									PROJECT		
4 - Advanced Component Development and Prototypes			0603766A - Tactical Support Development - Adv Dev (TIARA)									907		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Common Baseline	SS/CPAF	Multiple	50968	13902	1-3Q	15340	1-3Q	9773	1-3Q	5229	1-3Q	Cont.	Cont.	Cont.
Subtotal:			50968	13902		15340		9773		5229		Cont.	Cont.	Cont.
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
ASPO Program Management	In House	ASPO, Alexandria, VA	12604	4125	1-4Q	4515	1-4Q	4650	1-4Q	4650	1-4Q	Cont.	Cont.	Cont.
Subtotal:			12604	4125		4515		4650		4650		Cont.	Cont.	Cont.
III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:														
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:														
Project Total Cost:			63572	18027		19855		14423		9879		Cont.	Cont.	Cont.

Schedule Profile (R4 Exhibit)

February 2007

BUDGET ACTIVITY	PE NUMBER AND TITLE																PROJECT																							
4 - Advanced Component Development and Prototypes	0603766A - Tactical Support Development - Adv Dev (TIARA)																907																							
Event Name	FY 06				FY 07				FY 08				FY 09				FY 10				FY 11				FY 12				FY 13											
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4								
(1) Common Baseline																																								
(2) ASPO Program Management																																								

Schedule Detail (R4a Exhibit)

February 2007

BUDGET ACTIVITY 4 - Advanced Component Development and Prototypes		PE NUMBER AND TITLE 0603766A - Tactical Support Development - Adv Dev (TIARA)					PROJECT 907	
<u>Schedule Detail</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>
Common Baseline			1Q - 3Q					
ASPO Program Management			1Q - 3Q					