

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)								February 2006	
BUDGET ACTIVITY 4 - Advanced Component Development and Prototypes			PE NUMBER AND TITLE 0603766A - Tactical Support Development - Adv Dev (TIARA)					PROJECT 907	
COST (In Thousands)	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total Cost
907 Tactical Surveillance Systems - TIARA	15211	18637	20077	20580	22948	25345	25272	0	180206
<p><u>A. Mission Description and Budget Item Justification:</u> 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 endeavor 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.</p> <p>Capabilities developed will be incorporated into the Tactical Exploitation System (TES), Division TES (DTES), TES Lite, Future Combat System, and Distributed Common Ground Station - Army (DCGS-A). Common 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.</p>									
<u>Accomplishments/Planned Program</u>						<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</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.						11844	14512	15562	
Support ASPO program management for administrative activities.						3367	4125	4515	
Total						15211	18637	20077	

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B. Program Change Summary	FY 2005	FY 2006	FY 2007	
Previous President's Budget (FY 2006)	15218	18907	19951	
Current BES/President's Budget (FY 2007)	15211	18637	20077	
Total Adjustments	-7	-270	126	
Congressional Program Reductions		-82		
Congressional Rescissions		-188		
Congressional Increases				
Reprogrammings	-7			
SBIR/STTR Transfer				
Adjustments to Budget Years			126	
FY07: Increase to support technical base shortfall; previously funded in PE 0305208, Project 956.				
<p>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.</p>				

ARMY RDT&E COST ANALYSIS (R3)										February 2006		
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 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Common Baseline	SS/CPAF	Multiple	39124	11844	1-3Q	14512	1-3Q	15562	1-3Q	Continue	0	Continue
Subtotal:			39124	11844		14512		15562		Continue	0	Continue
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
ASPO Program Management	In House	ASPO, Alexandria, VA	9237	3367	1-4Q	4125	1-4Q	4515	1-4Q	Continue	21244	Continue
Subtotal:			9237	3367		4125		4515		Continue	21244	Continue
III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:			0									
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:			0									
Project Total Cost:			48361	15211		18637		20077		0	21244	0

Schedule Detail (R4a Exhibit)						February 2006	
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 2005</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>
Common Baseline	1-3Q	1-3Q	1-3Q	1-3Q	1-3Q	1-3Q	1-3Q
ASPO Program Management	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q