

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)

February 2002

BUDGET ACTIVITY 4 - Demonstration/validation		PE NUMBER AND TITLE 0603766A - Tactical Support Development - Adv Dev (TIARA)						PROJECT 907		
COST (In Thousands)		FY 2001 Actual	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
907	TACTICAL SURVEILLANCE SYSTEMS - TIARA	0	16605	16392	17396	16369	15248	16888	Continuing	Continuing

A. Mission Description and Budget Item Justification: Supports the tactical commander's intelligence requirements for contingency force development and deep battle targeting. Developments leverage specific data and capabilities available from existing and emerging National and selected theater resources. Meets stated Army tactical intelligence information and targeting needs, correcting deficiencies and developing concepts, techniques and prototype processors, exploiting critical data for near real time integration into the appropriate tactical echelon.

Capabilities developed will be incorporated into the Tactical Exploitation System (TES), Division TES (DTES), TES -Light, and Distributed Common Ground Station - Army (DCGS-A). Common Baseline addresses common subsystems, planned improvements, key activities and ongoing/planned initiatives determined to have potential application to multiple systems. This system supports the Legacy to Objective transition path of the Transformation Campaign Plan.

FY 2001 Accomplishments:
Not Applicable.

- FY 2002 Planned Program**
- 13304 Pursue technology to refine the common baseline, fully exploiting national and theater capabilities to meet emerging worldwide contingency scenarios. Effort includes emitter mapping, phased array communications, and Measurement and Signature Intelligence (MASINT) processing initiatives.
 - 3301 Support ASPO program management for administrative activities.
- Total 16605

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FY 2003 Planned Program

- 13059 Continue to pursue technology refining the common baseline, fully exploiting national and theater capabilities to meet emerging worldwide contingency scenarios. Effort includes emitter mapping, phased ray communications, and MASINT processing initiatives.
- 3333 Continue support to ASPO program management for administrative activities.

Total 16392

<u>B. Program Change Summary</u>	FY 2001	FY 2002	FY 2003
Previous President's Budget (FY2002 PB)	0	16749	16431
Appropriated Value	0	16749	0
Adjustments to Appropriated Value	0	0	0
a. Congressional General Reductions	0	-144	0
b. SBIR / STTR	0	0	0
c. Omnibus or Other Above Threshold Reductions	0	0	0
d. Below Threshold Reprogramming	0	0	0
e. Rescissions	0	0	0
Adjustments to Budget Years Since FY2002 PB	0	0	-39
Current Budget Submit (FY 2003 PB)	0	16605	16392

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<u>C. Other Program Funding Summary</u>	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Compl	Total Cost
RDTE, A Budget Activity 5	0	0	0	0	0	0	0	0	0
PE 0604766A TES/DCGS-A (TIARA)	57867	59693	56662	60070	48853	42460	42284	Continue	Continue
RDTE, A Budget Activity 7	0	0	0	0	0	0	0	0	0
PE 0305208A, Project 956 CIG/SS (JMIP)	7839	72095	15683	15911	15625	45089	12933	Continue	Continue
Other Procurement Army, OPA-2	0	0	0	0	0	0	0	0	0
BZ7315 TENCAP (TIARA)	12735	0	0	0	0	5933	0	0	23019
BZ7316 CIG/SS (JMIP)	2807	2591	2617	2656	2713	999	64753	Continue	Continue
BZ7317 Tactical Surveillance System (TIARA)	0	33410	17576	43675	18880	6008	7039	Continue	Continue

D. Acquisition Strategy: As pioneers in streamlined acquisition, ASPO's success in delivering systems to warfighters can be directly attributed to an environment emphasizing stable funding, low density acquisition, minimal use of MILSPECS, and managed competition. By 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 will accomplish dedicated Integrated Logistics Support (ILS) for all systems through a coordinated effort.

<u>E. Schedule Profile</u>	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
Complete Emitter Mapping Initiative		4Q					
MultiSensor SIGINT Pulse Level Correlation Initiative			1Q	4Q			
Phased Ray Comms Initiative		2Q				4Q	
MASINT Product Processing Initiative		2Q			1Q		

ARMY RDT&E COST ANALYSIS(R-3)

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I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Common Baseline	SS/CPAF	Classified	0	0		13304	1-4Q	13059	1-4Q	Continue	Continue	Continue
Subtotal:			0	0		13304		13059		Continue	Continue	Continue

II. Support Cost	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . ASPO	In House	ASPO, Alexandria, VA	0	0		3301	1-4Q	3333	1-4Q	Continue	Continue	Continue
Subtotal:			0	0		3301		3333		Continue	Continue	Continue

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III. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
			0	0		0		0		0	0	0
Subtotal:												

IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
			0	0		0		0		0	0	0
Subtotal:												

Project Total Cost:			0	0		16605		16392		Continue	Continue	Continue
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