

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)							February 2006			
BUDGET ACTIVITY 5 - System Development and Demonstration			PE NUMBER AND TITLE 0604817A - Combat Identification							
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
Total Program Element (PE) Cost		12068	5395	39	20225	21733	1035	0	0	71635
482	Ground Combat Identification	6823	5395	39	20225	21733	1035	0	0	58631
902	Individual Combat Identification System (ICIDS)	5245	0	0	0	0	0	0	0	13004
<p><b><u>A. Mission Description and Budget Item Justification:</u></b> The ultimate goal of combat identification is to maximize combat effectiveness by minimizing and mitigating incidents of fratricide. This is achieved by the rapid, reliable identification of friends, foes, and neutrals. Project 482 supports the development of ground-to-ground and air-to-ground combat identification (CID) solutions for the Current Force and for the complementary systems that operate with the Future Force. This project also supports combat identification initiatives approved by the Army Marine Corps Board (AMCB) to narrow CID capability gaps.</p> <p>FY07 funds will support program management office requirements.</p>										

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	FY 2005	FY 2006	FY 2007	
<b><u>B. Program Change Summary</u></b>				
Previous President's Budget (FY 2006)	12069	2973	17807	
Current BES/President's Budget (FY 2007)	12068	5395	39	
Total Adjustments	-1	2422	-17768	
Congressional Program Reductions		-24		
Congressional Rescissions		-54		
Congressional Increases		2500		
Reprogrammings	-1			
SBIR/STTR Transfer				
Adjustments to Budget Years			-17768	
FY07 funding realigned to support higher priority initiatives. FY06 Congressional increase for Command Post Platform efforts.				

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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
482      Ground Combat Identification	6823	5395	39	20225	21733	1035	0	0	58631
<b>A. Mission Description and Budget Item Justification:</b> Combat identification (CID) is intended to maximize combat effectiveness by minimizing battlefield casualties that may result from fratricide (friendly fire) incidents. The funds requested for this project will support efforts to develop combat identification solutions that will achieve the Army's goal of minimizing fratricide in ground-to-ground and air-to-ground combat operations.									
<b><u>Accomplishments/Planned Program</u></b>						<b><u>FY 2005</u></b>	<b><u>FY 2006</u></b>	<b><u>FY 2007</u></b>	
Identify technical solutions for reducing the unit procurement costs of BTID for vehicle-to-vehicle fratricide reduction.						3513	2431	0	
Development of the concept of operation and TTPs for RF Tags to achieve reductions in air-to-ground fratricide.						2023	0	0	
Acquisition of RF Tag prototypes						800	0	0	
Insertion of satellite communications on the move capabilities into Command Post Platforms						0	2464	0	
Support internal program management office requirements						487	500	39	
Total						6823	5395	39	
<b><u>B. Other Program Funding Summary</u></b>		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl
OPA2, SSN BA0510, Combat Identification Program		0	0	0	3646	26604	65897	74532	0
Comment: The FY08-11 CID OPA funds support the AMCB CID Initiatives.									
<b><u>C. Acquisition Strategy</u></b> The Army's overall CID acquisition strategy is to execute the Army Marine Corps Board (AMCB) CID Initiatives in FY07 and beyond.									

ARMY RDT&E COST ANALYSIS (R3)										February 2006		
BUDGET ACTIVITY 5 - System Development and Demonstration				PE NUMBER AND TITLE 0604817A - Combat Identification						PROJECT 482		
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
B-Kit Development	C/CPAF	TRW, CA	69765	0		0		0		0	69765	69765
A-Kit Development (Abrams)	C/CPFF	GDLS, MI	10909	0		0		0		0	10909	10909
A- Kit Development (Bradley)	C/CPFF	UDLP, CA	3364	0		0		0		0	3364	3364
A-Kit Development (Various)	Misc.	E&S, TRW, UDLP, AM General, Raytheon.	5836	0		0		0		0	5836	5836
Air-to-Ground Efforts	MIPR	I2WD Ft. Monmouth, NJ	2206	0		0		0		0	2206	0
Air-to-Ground Solution Efforts	MIPR	Sandia National Labs/DOE Albuquerque, NM	550	0		0		0		0	550	0
Combat Identification International Efforts	C/CPFF	Raytheon Ft. Wayne, IN	415	0		0		0		0	415	0
BTID Cost Reduction Efforts	FFP	Raytheon Ft. Wayne, IN	0	3421	3Q	1822	2Q	0		0	0	0
RF Tags Program Efforts	MIPR	I2WD Ft. Monmouth, NJ	0	2023	2Q	0		0		0	0	0
RF Tag Prototypes	C/CPFF	BAE Nashua, NH	0	800	2Q	0		0		0	800	0
Command Post Platform Efforts	TBD	Northrop Grumman Huntsville, AL	0	0		2464	2Q	0		0	0	0
Subtotal:			93045	6244		4286		0		0	93845	89874
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
Matrix Support	MIPR	CECOM, Fort Monmouth NJ	8303	0		209	1Q	0		0	0	0
System Eng/Tech Assistance	T&M/MIPR	COLSA, Falls Church, VA; Tecelote, Crystal	7150	92	3Q	400	1-2Q	0		0	0	0

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		City, VA; Sytex, Eatontown, NJ										
Test Planning	MIPR	CECOM, Fort Monmouth NJ	437	0		0		0		0	437	0
Technical Support	MIPR	Sandia National Laboratories/IDA Albuquerque, NM	570	0		0		0		0	570	0
Subtotal:			16460	92		609		0		0	1007	0
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
Technical Test, Log Demo, SCD, IOTE	MIPR	ATEC, YPG, AZ	3513	0		0		0		0	3513	0
Limited User Test	MIPR	ATEC, YPG, AZ	673	0		0		0		0	673	0
ASCIET	MIPR	Misc.	6651	0		0		0		0	6651	0
Subtotal:			10837	0		0		0		0	10837	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
Program Management	In-house support	PM NavSys/TIMS, Ft. Monmouth, NJ	5508	487	1-4Q	500	1-4Q	39	1Q	0	0	0
Subtotal:			5508	487		500		39		0	0	0
<b>Project Total Cost:</b>			<b>125850</b>	<b>6823</b>		<b>5395</b>		<b>39</b>		<b>0</b>	<b>105689</b>	<b>89874</b>