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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Army	DATE: February 2011
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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				PE 0604284A: <i>JOINT COOPERATIVE TARGET IDENTIFICATION - GROUND (</i>							
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	-	-	41.652	-	41.652	42.226	23.471	1.968	-	Continuing	Continuing
VU4: <i>JCTI-G TECHNOLOGY DEVELOPMENT</i>	-	-	41.652	-	41.652	42.226	23.471	1.968	-	Continuing	Continuing

Note
Funds adjustment after FY11 President's Budget. Funds moved from PE 654817, Project D482.

A. Mission Description and Budget Item Justification

<u>B. Program Change Summary (\$ in Millions)</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012 Base</u>	<u>FY 2012 OCO</u>	<u>FY 2012 Total</u>
Previous President's Budget	-	-	-	-	-
Current President's Budget	-	-	41.652	-	41.652
Total Adjustments	-	-	41.652	-	41.652
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	41.652	-	41.652

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Army								DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0604284A: JOINT COOPERATIVE TARGET IDENTIFICATION - GROUND (PROJECT VU4: JCTI-G TECHNOLOGY DEVELOPMENT			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
VU4: JCTI-G TECHNOLOGY DEVELOPMENT	-	-	41.652	-	41.652	42.226	23.471	1.968	-	Continuing	Continuing
Quantity of RDT&E Articles											
Note Project is continuation of PE 654817A, Project D482											
A. Mission Description and Budget Item Justification Combat Identification (CID) is a family of systems to maximize the overall combat effectiveness of forces by minimizing and mitigating incidents of fratricide and maximizing the situational understanding of the trigger puller across the broad spectrum of Joint and Coalition combat operations. This is accomplished by the identification of friends, enemies/foes and neutrals in the Joint and Coalition battle space. Based on program prioritization direction from the Deputy Secretary of Defense and the Deputy's Advisory Working Group (DAWG), the Joint Cooperative Target Identification - Ground (JCTI-G) efforts have been refocused to address fratricide incidents involving Fires-on-Dismounts (FoD) and Air to Ground (A-G) fires. The FoD is a Joint effort with the United States Marine Corps. In accordance with an Army/Marine Corps MOA, funding for FoD systems development will be equitably shared between the two services. This program has been designated Special Interest by the Defense Acquisition Executive. FY12 supports JCTI-G program efforts for FoD and A-G. The JCTI-G Analysis of Alternatives (AoA) is expected to be complete by the end of April 2011 resulting in a Materiel Solution recommendation. Milestone (MS) A decisions for entry into Technology Development acquisition phase for both FoD and A-G are anticipated to occur in 2QFY12. FY12 efforts will include the continued staffing of the Project and Product Joint Program Offices. The efforts will finalize the program and acquisition documentation required for the MS A decision. In addition, funding in FY12 will continue with the technical maturation efforts associated with the FoD requirement.											
B. Accomplishments/Planned Programs (\$ in Millions)								FY 2010	FY 2011	FY 2012	
Title: Fires on Dismounts (FOD) Maturation								-	-	12.000	
Description: Fires on Dismounts (FOD) Maturation											
FY 2012 Plans: Fires on Dismounts (FOD) Maturation											
Title: Pre-Technology Development (TD) Phase Activity								-	-	8.180	
Description: Conduct System Engineering, Request for Proposal (RFP) preparation, and source selection											
FY 2012 Plans:											

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APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>			R-1 ITEM NOMENCLATURE PE 0604284A: <i>JOINT COOPERATIVE</i> <i>TARGET IDENTIFICATION - GROUND (</i>			PROJECT VU4: <i>JCTI-G TECHNOLOGY DEVELOPMENT</i>					
B. Accomplishments/Planned Programs (\$ in Millions)											
							FY 2010	FY 2011	FY 2012		
Conduct System Engineering, Request for Proposal (RFP) preparation, and source selection											
Title: Technology Development Contracts							-	-	21.472		
Description: Award of multiple (2+) competitive prototyping contracts											
FY 2012 Plans: Award of multiple (2+) competitive prototyping contracts											
Accomplishments/Planned Programs Subtotals							-	-	41.652		
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
• 7974: <i>RDTE, USMC MCPC</i> <i>11309</i>			21.531		21.531		14.872	14.907	15.165	0.000	81.413
D. Acquisition Strategy											
<p>The JCTI-G Materiel Development Decision (MDD) Acquisition Decision Memorandum (ADM) was signed by the Defense Acquisition Executive, Dr. Ashton Carter, on 23 June 2010. The MDD ADM authorized the programs entry into the Materiel Solution Analysis (MSA) phase and commencement of the Analysis of Alternatives (AoA). The two phased AoA is expected to be completed by April 2011 resulting in program and materiel solution recommendations. The program Milestone (MS) A decision and entry into the Technology Development (TD) phase is expected in FY12. The MS A will be followed by release of the FoD Acquisition Requirements Package (ARP) to solicit and competitively awarded TD contracts in FY12. Two (or more) TD cost-plus type contracts will be awarded to competing teams to develop system (or key system elements) prototypes for demonstrating in a relevant environment and conduct a Preliminary Design Review (PDR) prior to MS B. A successful PDR, along with an approved Capability Development Document (CDD), and Acquisition Strategy will be the criteria supporting a MS B and entry into Engineering & Manufacturing Development (EMD) phase. The result of EMD will be a baseline system configuration for production. This strategy will require the support of other Military Services and Government agencies.</p>											
E. Performance Metrics											
Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Army											DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0604284A: JOINT COOPERATIVE TARGET IDENTIFICATION - GROUND (PROJECT VU4: JCTI-G TECHNOLOGY DEVELOPMENT						
Management Services (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Program Management Support	MIPR	PM, Nav Systems, PM, JCTI-G:Aberdeen Proving Ground, MD	-	-		2.980		-		2.980	0.000	2.980	0.000	
Subtotal			-	-		2.980		-		2.980	0.000	2.980	0.000	
Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Fires on Dismounts Technical Maturation	MIPR	CERDEC:Aberdeen Proving Ground, MD	-	-		12.000		-		12.000	0.000	12.000	12.000	
TD Contracts Awarded	C/CPIF	TBD:TBD	-	-		21.472		-		21.472	0.000	21.472	Continuing	
Subtotal			-	-		33.472		-		33.472	0.000	33.472		
Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Matrix Support	MIPR	CE LCMC, I2WD:Aberdeen Proving Ground, MD	-	-		1.750		-		1.750	Continuing	Continuing	0.000	
System Engr/Technical Assistance	C/FFP	Lockheed Martin, R4, CACI, Booz Allen:Aberdeen Proving Ground, MD	-	-		3.450		-		3.450	0.000	3.450	0.000	
Subtotal			-	-		5.200		-		5.200			0.000	
			Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract	
Project Cost Totals			-	-		41.652		-		41.652				

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	Total Prior Years Cost	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
Remarks								

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Army **DATE:** February 2011

APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0604284A: <i>JOINT COOPERATIVE</i> TARGET IDENTIFICATION - GROUND (PROJECT VU4: <i>JCTI-G TECHNOLOGY DEVELOPMENT</i>
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	FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016			
	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
Materiel Development Decision																												
JCTI-G Materiel Solution Phase																												
JCTI-G Fires on Dismount Maturation																												
JCTI-G Request for Proposal Preparation																												
JCTI-G Milestone A																												
JCTI-G Source Selection																												
JCTI-G Technology Development																												
JCTI-G Milestone B																												
JCTI-G Engrg & Manufacturing Development Phase																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2012 Army			DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0604284A: <i>JOINT COOPERATIVE</i> <i>TARGET IDENTIFICATION - GROUND (</i>	PROJECT VU4: <i>JCTI-G TECHNOLOGY DEVELOPMENT</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Materiel Development Decision	2	2010	2	2010
JCTI-G Materiel Solution Phase	2	2010	4	2012
JCTI-G Fires on Dismount Maturation	4	2011	3	2012
JCTI-G Request for Proposal Preparation	2	2011	1	2012
JCTI-G Milestone A	4	2011	4	2011
JCTI-G Source Selection	2	2012	3	2012
JCTI-G Technology Development	2	2012	3	2014
JCTI-G Milestone B	3	2015	3	2015
JCTI-G Engrg & Manufacturing Development Phase	4	2015	3	2016

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