

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Army	DATE: February 2012
---	----------------------------

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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	-	15.287	-	-	-	-	-	-	-	Continuing	Continuing
VU4: <i>JCTI-G TECHNOLOGY DEVELOPMENT</i>	-	15.287	-	-	-	-	-	-	-	Continuing	Continuing

Note

Program has no FY13 Base or OCO RDTE requirement.

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.

Program has no Base or OCO FY13 request.

B. Program Change Summary (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget	-	41.652	42.226	-	42.226
Current President's Budget	-	15.287	-	-	-
Total Adjustments	-	-26.365	-42.226	-	-42.226
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments 1	-	-26.365	-42.226	-	-42.226

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2013 Army								DATE: February 2012			
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>			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
VU4: <i>JCTI-G TECHNOLOGY DEVELOPMENT</i>	-	15.287	-	-	-	-	-	-	-	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.

 Program has no Base or OCO FY13 request.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: Technology Development Contracts <div style="text-align: right;">Articles:</div> Description: Award of multiple (2+) competitive prototyping contracts FY 2012 Plans: Award of multiple (2+) competitive prototyping contracts	-	15.287 0	-
Accomplishments/Planned Programs Subtotals	-	15.287	-

C. Other Program Funding Summary (\$ in Millions)
N/A

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2013 Army		DATE: February 2012
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>

D. Acquisition Strategy

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.

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.

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Army **DATE:** February 2012

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 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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		-		-		-	0.000	2.980	0.000
Subtotal			-	2.980		-		-		-	0.000	2.980	0.000

Product Development (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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	-	9.029		-		-		-	0.000	9.029	12.000
TD Contracts Awarded	C/CPIF	TBD:TBD	-	3.278		-		-		-	0.000	3.278	Continuing
Subtotal			-	12.307		-		-		-	0.000	12.307	

	Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	15.287		-		-		-		0.000	15.287	

Remarks

PE 0604284A: JOINT COOPERATIVE TARGET IDENTIFICATION -
GROUND (
Army

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2013 Army			DATE: February 2012		
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>	

	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017			
	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
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																												

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2013 Army			DATE: February 2012
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
JCTI-G Fires on Dismount Maturation	1	2012	4	2012
JCTI-G Request for Proposal Preparation	3	2011	2	2012
JCTI-G Milestone A	1	2012	1	2012
JCTI-G Source Selection	3	2012	4	2012
JCTI-G Technology Development	3	2012	4	2014
JCTI-G Milestone B	4	2015	4	2015
JCTI-G Engrg & Manufacturing Development Phase	1	2016	4	2016