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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Army DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMENCLATURE							
2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)					PE 0604785A: INTEGRATED BASE DEFENSE							
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	-	0.000	4.043	4.476	-	4.476	3.855	3.897	3.962	0.000	Continuing	Continuing
DS4: INTEGRATED BASE DEFENSE	-	0.000	4.043	4.476	-	4.476	3.855	3.897	3.962	0.000	Continuing	Continuing

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

A. Mission Description and Budget Item Justification

Integrated Base Defense (IBD) provides integration of software and analytical capability to support the integration of systems in the field. IBD employs an enterprise approach to enable Integrated Base Defense capabilities across the operational spectrum by leveraging interoperability efforts in support of the Integrated Unit, Base, and Installation Protection (IUBIP) framework.

FY 2014 Research Development Test and Evaluation funding in the amount of \$4.476 million supports the management, integration, and collaboration of specified Department of Defense Integrated Base Defense efforts to provide enhanced situational awareness, increased efficiencies, and more effective responses for both tactical bases and Continental United States (CONUS)/Outside the Continental United States(OCNUS) installations.

B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	0.000	4.043	4.476	-	4.476
Current President's Budget	0.000	4.043	4.476	-	4.476
Total Adjustments	0.000	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Army									DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)					R-1 ITEM NOMENCLATURE PE 0604785A: INTEGRATED BASE DEFENSE				PROJECT DS4: INTEGRATED BASE DEFENSE			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
DS4: INTEGRATED BASE DEFENSE	-	0.000	4.043	4.476	-	4.476	3.855	3.897	3.962	0.000	Continuing	Continuing
Quantity of RDT&E Articles												
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
A. Mission Description and Budget Item Justification												
Mission Description: Integrated Base Defense (IBD) provides integration of software and analytical capability to support the integration of systems in the field. IBD employs an enterprise approach to enable Integrated Base Defense capabilities across the operational spectrum by leveraging interoperability efforts in support of the Integrated Unit, Base, and Installation Protection (IUBIP) framework.												
Justification: FY 2014 Research Development Test and Evaluation funding in the amount of \$4.476 million supports the management, integration, and collaboration of specified Department of Defense Integrated Base Defense efforts to provide enhanced situational awareness, increased efficiencies, and more effective responses for both tactical bases and Continental United States (CONUS)/Outside the Continental United States (OCONUS) installations.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2012	FY 2013	FY 2014	
Title: Integrated Base Defense Architecture Development Description: Development of holistic IBD architectures leveraging DoD-approved protocol and processes to support interoperability of fielded and emerging IBD-related systems. FY 2013 Plans: Oversee execution of Interim-Integrated Base Defense Increments 1 and 2. Support the ASA(ALT) Architecture & Analysis Team for Force Basing (AATFB) IBD Product Development Team with both Semi-fixed/Expeditionary and Fixed Site Portfolio Development. Continue coordination with the Command Post (CP) and Sensor Computing Environment to ensure alignment with Common Operating Environment (COE) and Computing Environment (CE) framework. Continue development of an IBD operations functionality that leverages current IBD-related efforts that allows the Warfighter to execute the IBD mission more effectively and efficiently. FY 2014 Plans:									Articles:	0.000	4.043	4.476
											0	

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Army		DATE: April 2013	
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 0604785A: <i>INTEGRATED BASE DEFENSE</i>	PROJECT DS4: <i>INTEGRATED BASE DEFENSE</i>
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2012	FY 2013
Continue supporting the ASA(ALT) Architecture & Analysis Team for Force Basing (AATFB) IBD Product Development Team with both Semi-fixed/Expeditionary and Fixed Site Portfolio Development. Continue coordination with the Command Post (CP) and Sensor Computing Environment to ensure alignment with the Common Operating Environment (COE) and Computing Environment (CE) framework. Continue refinement of an IBD operations functionality and architecture to ensure data and control of current and emerging stand-alone sensors/processes can be combined on a single Graphical User Interface (GUI) to standardize training, reducing the number of operators required and reducing the footprint, hardware, and associated maintenance/logistics. Ensure promulgation of an IBD construct and the operation of an Software Support Activity (SSA) capability supporting a holistic Life Cycle Support of the IBD Software Architecture and enabling technologies.			
Accomplishments/Planned Programs Subtotals		0.000	4.043
FY 2014			
4.476			
C. Other Program Funding Summary (\$ in Millions) N/A			
Remarks			
D. Acquisition Strategy The Integrated Base Defense (IBD) acquisition strategy is to leverage existing IBD-related government organizations and to competitively award multiple contracts in support of IBD objectives for the development of holistic IBD architectures and products to support interoperability of fielded and emerging IBD-related systems.			
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 2014 Army													DATE: April 2013		
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 0604785A: <i>INTEGRATED BASE DEFENSE</i>				PROJECT DS4: <i>INTEGRATED BASE DEFENSE</i>				

Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
System Engineering and Software Development	MIPR	TBD:TBD	0.000	-		4.043	Dec 2012	3.246	Oct 2013	-		3.246	Continuing	Continuing	Continuing
Subtotal			0.000	0.000		4.043		3.246		0.000		3.246			

Test and Evaluation (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Evaluation	MIPR	TBD:TBD	0.000	-		-		1.230	Oct 2013	-		1.230	0.000	1.230	0.000
Subtotal			0.000	0.000		0.000		1.230		0.000		1.230	0.000	1.230	0.000

			All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	0.000		4.043		4.476		0.000		4.476			

Remarks