

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Army										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development					R-1 ITEM NOMENCLATURE PE 0307665A: Biometrics Enabled Intelligence							
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	-	15.018	15.248	12.449	-	12.449	17.233	3.252	2.214	2.252	Continuing	Continuing
BI7: BIOMETRICS ENABLED INTELLIGENCE - MIP	-	15.018	15.248	12.449	-	12.449	17.233	3.252	2.214	2.252	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

Joint Personnel Identification version 2 (JPIv2) will provide an Army tactical biometric collection capability to capture an adversary or neutral person's biometric data and enroll them into the Department of Defense (DoD) enterprise authoritative biometric database to positively identify and verify the identity of actual or potential adversaries. JPIv2 development will be informed by prototype collection capabilities. U.S. forces are currently operating unilaterally or in combination with joint, multinational, and interagency partners, to identify unknown individuals and verify the identity of person(s) across the full spectrum of military operations, to include Overseas Contingency Operations. Capabilities proposed for JPIv2 will be configurable for multiple operational mission environments.

FY2014 Core funding supports development activities under an Engineering and Manufacturing Development (EMD) contract for JPIv2 program. EMD efforts include: define system of system functionality and interface requirements; complete preliminary design to include both hardware and software; define and develop system maturity, reliability and technical performance measures; develop operational deployment sustainability, suitability and survivability plans; and conduct technical reviews consistent with required system capability. Funds will support Test & Evaluation (T&E) activities under an EMD contract for JPIv2 POR. EMD T&E efforts include: development of test plans against system requirements; conducting preliminary testing of system of system functionality; production of test reports to inform developmental activities; and providing T&E support to scheduled technical reviews. T&E funds will support Army Test and Evaluation Command (ATEC) continuous evaluation of the EMD contractor; test and analysis of the EMD contractor test report; Joint Interoperability Test Command (JITC) support, and analysis of developmental testing and reports related to interoperability. Additionally, funding will support government civilian labor and operations to include travel, training, supplies, infrastructure, and facility costs.

UNCLASSIFIED

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		PE 0307665A: Biometrics Enabled Intelligence			
BA 7: Operational Systems Development					
B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	15.018	15.248	15.240	-	15.240
Current President's Budget	15.018	15.248	12.449	-	12.449
Total Adjustments	0.000	0.000	-2.791	-	-2.791
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments 1	-	-	-2.791	-	-2.791

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development					R-1 ITEM NOMENCLATURE PE 0307665A: Biometrics Enabled Intelligence				PROJECT BI7: BIOMETRICS ENABLED INTELLIGENCE - MIP			
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
BI7: BIOMETRICS ENABLED INTELLIGENCE - MIP	-	15.018	15.248	12.449	-	12.449	17.233	3.252	2.214	2.252	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												
Joint Personnel Identification version 2 (JPIv2) will provide an Army tactical biometric collection capability to capture an adversary or neutral person's biometric data and enroll them into the Department of Defense (DoD) enterprise authoritative biometric database to positively identify and verify the identity of actual or potential adversaries. JPIv2 development will be informed by prototype collection capabilities. U.S. forces are currently operating unilaterally or in combination with joint, multinational, and interagency partners, to identify unknown individuals and verify the identity of person(s) across the full spectrum of military operations, to include Overseas Contingency Operations. Capabilities proposed for JPIv2 will be configurable for multiple operational mission environments.												
FY2014 Core funding supports development activities under an Engineering and Manufacturing Development (EMD) contract for JPIv2 program. EMD efforts include: define system of system functionality and interface requirements; complete preliminary design to include both hardware and software; define and develop system maturity, reliability and technical performance measures; develop operational deployment sustainability, suitability and survivability plans; and conduct technical reviews consistent with required system capability. Funds will support Test & Evaluation (T&E) activities under an EMD contract for JPIv2 POR. EMD T&E efforts include: development of test plans against system requirements: conducting preliminary testing of system of system functionality; production of test reports to inform developmental activities; and providing T&E support to scheduled technical reviews. T&E funds will support Army Test and Evaluation Command (ATEC) continuous evaluation of the EMD contractor; test and analysis of the EMD contractor test report; Joint Interoperability Test Command (JITC) support, and analysis of developmental testing and reports related to interoperability. Additionally, funding will support government civilian labor and operations to include travel, training, supplies, infrastructure, and facility costs.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)										FY 2012	FY 2013	FY 2014
Title: Joint Personnel Identification version 2 (JPIv2)										15.018	15.248	12.449
										0	0	
Description: JPIv2 program development and management												
FY 2012 Accomplishments:												
Efforts and accomplishment included acquisition strategy development; requirements analysis and decomposition; market research; continued planning, development and preparation of Army and Office of the Secretary of Defense (OSD) level documentation consistent with DoD Instruction 5000.02, The Defense Acquisition System, and compliant with existing statutory												

UNCLASSIFIED

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 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0307665A: <i>Biometrics Enabled Intelligence</i>	PROJECT BI7: <i>BIOMETRICS ENABLED INTELLIGENCE - MIP</i>	
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2012	FY 2013
and regulatory policy for a Milestone B decision in FY 2014; preparation for System Requirements Review (SRR) and System Functional Review (SFR); and planning and preparation for a pre-EMD review in FY 2014. FY 2013 Plans: Funding provides system engineering activities to include execution of System Requirements Review (SRR) and System Functional Review (SFR); development of the performance specification; continued market research and trade study analysis. Additionally, funding will provide support for pre-EMD planning and preparation activities. Support will also be provided for contracts planning and preparation in conjunction with a planned contract award in FY 2014. Funds will also provide Product Manager contractor support to continue planning, developing and preparing Army and Office of the Secretary of Defense (OSD) level documentation consistent with DoD Instruction 5000.02, The Defense Acquisition System, and compliant with existing statutory and regulatory policy in preparation and a Milestone B decision in FY 2014. T&E costs are for ATEC T&E planning support and development of an operational assessment for MS B, and JITC for information support planning and interoperability planning and support. FY 2014 Plans: FY 2014 Core funding supports development activities under an Engineering and Manufacturing Development (EMD) contract for JPIv2 program. EMD efforts include: define system of system functionality and interface requirements; complete preliminary design to include both hardware and software; define and develop system maturity, reliability and technical performance measures; develop operational deployment sustainability, suitability and survivability plans; and conduct technical reviews consistent with required system capability. Funds will support Test & Evaluation (T&E) activities under an EMD contract for JPIv2 POR. EMD T&E efforts include: development of test plans against system requirements: conducting preliminary testing of system of system functionality; production of test reports to inform developmental activities; and providing T&E support to scheduled technical reviews. T&E funds will support Army Test and Evaluation Command (ATEC) continuous evaluation of the EMD contractor; test and analysis of the EMD contractor test report; Joint Interoperability Test Command (JITC) support, and analysis of developmental testing and reports related to interoperability. Additionally, funding will support government civilian labor and operations to include travel, training, supplies, infrastructure, and facility costs.			
Accomplishments/Planned Programs Subtotals		15.018	15.248
C. Other Program Funding Summary (\$ in Millions) N/A			
Remarks			

UNCLASSIFIED

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 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0307665A: <i>Biometrics Enabled Intelligence</i>	PROJECT BI7: <i>BIOMETRICS ENABLED INTELLIGENCE - MIP</i>
<u>D. Acquisition Strategy</u> The JPlv2 program is projected to achieve a Milestone B decision and Engineering and Manufacturing Development (EMD) contract award in FY 2014, conduct an EMD contract beginning in late FY 2014 through FY 2016, and achieve Initial Operational Capability (IOC) in FY 2017. JPlv2 will entail selecting a commercial off the shelf (COTS) device, modifying the hardware and developing, improving and enhancing the software, in order to meet the warfighter's needs based on the Capability Development Document (CDD). The EMD contract will be awarded using full and open competition to include small business teaming goals. This decision is based on results of the JPlv2 Program Office Request for Information (RFI) W15QKN-13-R-0013 of 5 November 2012. PM JPI will glean additional information through on-going market research, such as release of draft Request for Proposal (RFP) documentation to Industry, and Industry Day. Low Rate Initial Production (LRIP) may be a sole source contract award to the EMD developer. LRIP contract deliverables will include a full Technical Data Package (TDP) and Government rights for technology solutions. Full Rate Production (FRP) will be a competitively awarded build-to-print contract. <u>E. Performance Metrics</u> 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 2014 Army												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>						R-1 ITEM NOMENCLATURE PE 0307665A: <i>Biometrics Enabled Intelligence</i>						PROJECT BI7: <i>BIOMETRICS ENABLED INTELLIGENCE - MIP</i>			
Management Services (\$ 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
PM Management Services	Various	Various:Various	0.000	4.795		4.592		3.563		-		3.563	Continuing	Continuing	Continuing
Subtotal			0.000	4.795		4.592		3.563		0.000		3.563			
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
Base Products Development	C/IDIQ	Various:TBD	0.000	7.077	Feb 2012	7.216		5.049		-		5.049	24.951	44.293	0.000
Subtotal			0.000	7.077		7.216		5.049		0.000		5.049	24.951	44.293	0.000
Support (\$ 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
PM Civilian Personnel and Other Support Costs	Various	Various:Various	2.069	3.146	Dec 2011	3.140		3.220		-		3.220	24.951	36.526	0.000
Subtotal			2.069	3.146		3.140		3.220		0.000		3.220	24.951	36.526	0.000
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
IA, T&E, Threat Assessment, Interoperability Certifications	Various	Various:TBD	0.000	-		0.300		0.617		-		0.617	Continuing	Continuing	Continuing
Subtotal			0.000	0.000		0.300		0.617		0.000		0.617			

UNCLASSIFIED

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 7: <i>Operational Systems Development</i>					R-1 ITEM NOMENCLATURE PE 0307665A: <i>Biometrics Enabled Intelligence</i>				PROJECT B17: <i>BIOMETRICS ENABLED INTELLIGENCE - MIP</i>				
	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	2.069	15.018		15.248		12.449		0.000		12.449			
Remarks													

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2014 Army																DATE: April 2013												
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development									R-1 ITEM NOMENCLATURE PE 0307665A: Biometrics Enabled Intelligence								PROJECT BIT: BIOMETRICS ENABLED INTELLIGENCE - MIP											
	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
	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
System Requirements Review																												
Capability Development Document (CDD)																												
System Functional Review																												
EMD RFP Release																												
Milestone B Decision																												
Engineering & Manufacturing Development (EMD) Contract Award (CA)																												
System Development/Testing																												
Preliminary Design Review																												
Test Readiness Review (TRR) #1																												
Critical Design Review																												
Test Readiness Review (TRR) #2																												
Developmental Test (DT)																												
Capability Production Document (CPD)																												
Operational Assessment (OA)																												
Test Readiness Review (TRR) #3																												
Limited User Test (LUT)																												
Low Rate Initial Production (LRIP) RFP Release																												
Test Report																												
Milestone C Decision																												
Operational TRR																												
Full Rate Production (FRP) RFP Release																												
LRIP Contract Award (CA)																												
Operational Test & Evaluation (T&E)																												

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2014 Army																						DATE: April 2013						
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development										R-1 ITEM NOMENCLATURE PE 0307665A: Biometrics Enabled Intelligence								PROJECT B17: BIOMETRICS ENABLED INTELLIGENCE - MIP										
	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
	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
Operational Test Report																												
Initial Operational Capability (IOC)																												
Full Rate Production Decision Review (FRPDR)																												
FRP Contract Award																												

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2014 Army

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

2040: *Research, Development, Test & Evaluation, Army*
BA 7: *Operational Systems Development*

R-1 ITEM NOMENCLATURE

PE 0307665A: *Biometrics Enabled Intelligence*

PROJECT

BI7: *BIOMETRICS ENABLED INTELLIGENCE - MIP*

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
System Requirements Review	2	2013	2	2013
Capability Development Document (CDD)	2	2013	2	2013
System Functional Review	3	2013	3	2013
EMD RFP Release	1	2014	1	2014
Milestone B Decision	3	2014	3	2014
Engineering & Manufacturing Development (EMD) Contract Award (CA)	3	2014	3	2014
System Development/Testing	3	2014	4	2016
Preliminary Design Review	1	2015	1	2015
Test Readiness Review (TRR) #1	3	2015	3	2015
Critical Design Review	3	2015	3	2015
Test Readiness Review (TRR) #2	4	2015	4	2015
Developmental Test (DT)	4	2015	3	2016
Capability Production Document (CPD)	1	2016	1	2016
Operational Assessment (OA)	1	2016	3	2016
Test Readiness Review (TRR) #3	1	2016	1	2016
Limited User Test (LUT)	2	2016	2	2016
Low Rate Initial Production (LRIP) RFP Release	3	2016	3	2016
Test Report	3	2016	3	2016
Milestone C Decision	4	2016	4	2016
Operational TRR	1	2017	1	2017
Full Rate Production (FRP) RFP Release	1	2017	1	2017
LRIP Contract Award (CA)	1	2017	1	2017

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2014 Army			DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>		R-1 ITEM NOMENCLATURE PE 0307665A: <i>Biometrics Enabled Intelligence</i>		PROJECT BI7: <i>BIOMETRICS ENABLED INTELLIGENCE - MIP</i>
		Start		End
Events		Quarter	Year	Quarter
Operational Test & Evaluation (T&E)		1	2017	4
Operational Test Report		4	2017	4
Initial Operational Capability (IOC)		4	2017	4
Full Rate Production Decision Review (FRPDR)		4	2017	4
FRP Contract Award		1	2018	1