Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Army											Date: March 2014	
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*					R-1 Program Element (Number/Name) PE 0604321A *I ALL SOURCE ANALYSIS SYSTEM*							
COST ($ in Millions)	**Prior Years**	**FY 2013**	**FY 2014**	**FY 2015 Base**	**FY 2015 OCO #**	**FY 2015 Total**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**	**Cost To Complete**	**Total Cost**
Total Program Element	-	5.601	4.837	5.532	-	5.532	2.374	1.349	1.372	1.415	Continuing	Continuing
B41: *CI/HUMINT Software Products (MIP)*	-	1.231	2.164	1.139	-	1.139	1.307	1.349	1.372	1.415	Continuing	Continuing
B51: *Machine - Foreign Language Translation System*	-	4.370	2.673	4.393	-	4.393	1.067	-	-	-	-	12.503

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

The All Source Analysis System (ASAS) provided US Army commanders at all echelons from battalion to Army Service Component Command (ASCC) with automated support to the management and planning, processing and analysis, and dissemination of intelligence, counterintelligence, and electronic warfare. ASAS provided the means to enhance the commander's timely and comprehensive understanding of enemy deployments, capabilities, and potential courses of action. The system used standard joint and Army protocols and message formats to interface with selected National, joint, theater, and tactical intelligence, surveillance, and reconnaissance systems and preprocessors and Army, joint, and coalition battle command systems. The ASAS Family of Systems migrated into the Distributed Common Ground System-Army (DCGS-A) program and Army is using it as the initial platform to provide accelerated DCGS-A capabilities to the force.

The Counterintelligence (CI) and Human Intelligence (HUMINT) Automated Reporting and Collection System (CHARCS) is the Army's CI and HUMINT tactical collection and reporting system. CHARCS provides automation support for information collection, reporting, investigations, source & interrogation operations and document exploitation. The CHARCS automation architecture extends from the individual HUMINT team soldier or CI agent to the Corps Analysis and Control Element (ACE). CHARCS reports digital data such as maps, overlays, images, video, biometrics, scanned documents and audio files. These media are transmitted through secure networks and interfaces with the Distributed Common Ground Systems-Army (DCGS-A) for detailed analysis and creation of finished intelligence products. Collection and reporting teams at Military Intelligence (MI) battalions and their operational managers are equipped with one of two CHARCS systems. The first is the AN/PYQ-8 Individual Tactical Reporting Tool (ITRT) which provides collection and processing devices for individual HUMINT team member or CI agents. The second is the AN/PYQ-3 CI/HUMINT Automated Tool Set (CHATS) which provides the team leader (who normally directs 3-5 team members) tools to process and manage team-collected information and a robust set of devices such as printers, scanners, cameras and audio recorders to assist the collection mission. The CHATS is also used by Operational Management Team (OMT) (who normally directs 5-10 collection and reporting teams). Each CHATS has an associated Mission Support Peripheral Sets and Kits (MS-PSK) or Collection Peripheral Sets and Kits (C-PSK).

The Machine Foreign Language Translation System (MFLTS), formerly Sequoyah, develops, fields, and sustains a basic automated foreign speech and text translation capability for Army tactical systems to augment and compliment limited human linguistic resources. These integrated automated translation capabilities will be applicable across three different system configurations; a hand-held/wearable portable device, a laptop/mobile device, and in a networked/web-enabled system. The software modules will translate English from a prioritized list of languages in a prioritized collection of domains (e.g. medical, intelligence, base security). MFLTS will be

Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Army	Date: March 2014
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604321A / *ALL SOURCE ANALYSIS SYSTEM*

interoperable with Commercial Off-The-Shelf (COTS) or Government Off-The-Shelf (GOTS) automation equipment to include the Distributed Common Ground System-Army (DCGS-A), Nett Warrior (NW), and Counterintelligence Human Intelligence Automated Reporting and Collection System (CHARCS).

B. Program Change Summary ($ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	5.694	4.839	7.238	-	7.238
Current President's Budget	5.601	4.837	5.532	-	5.532
Total Adjustments	-0.093	-0.002	-1.706	-	-1.706
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-0.093	-0.002	-1.706	-	-1.706

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604321A / *ALL SOURCE ANALYSIS SYSTEM*	Project (Number/Name) B41 / *CI/HUMINT Software Products (MIP)*	

COST ($ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
B41: *CI/HUMINT Software Products (MIP)*	-	1.231	2.164	1.139	-	1.139	1.307	1.349	1.372	1.415	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

The Counterintelligence (CI) and Human Intelligence (HUMINT) Automated Reporting and Collection System (CHARCS) is the Army's CI and HUMINT tactical collection and reporting system. CHARCS provides automation support for information collection, reporting, investigations, source & interrogation operations and document exploitation. The CHARCS automation architecture extends from the individual HUMINT team soldier or CI agent to the Corps Analysis and Control Element (ACE). CHARCS reports digital data such as maps, overlays, images, video, biometrics, scanned documents and audio files. These media are transmitted through secure networks and interfaces with the Distributed Common Ground System-Army (DCGS-A) for detailed analysis and creation of finished intelligence products. Collection and reporting teams at Military Intelligence (MI) battalions and their operational managers are equipped with one of two CHARCS systems. The first is the AN/PYQ-8 Individual Tactical Reporting Tool (ITRT) which provides collection and processing devices for individual HUMINT team member or CI agents. The second is the AN/PYQ-3 CI/HUMINT Automated Tool Set (CHATS) which provides the team leader (who normally directs 3-5 team members) tools to process and manage team-collected information and a robust set of devices such as printers, scanners, cameras and audio recorders to assist the collection mission. The CHATS is also used by Operational Management Team (OMT) (who normally directs 5-10 collection and reporting teams). Each CHATS has an associated Mission Support Peripheral Sets and Kits (MS-PSK) or Collection Peripheral Sets and Kits (C-PSK).

The C-PSK provides specialized collection component capabilities to support CI/HUMINT collection missions. C-PSK capabilities are commercial-off-the-shelf (COTS) technologies and include video and camera equipment, global positioning system (GPS), voice recording device and infrared strobe lights. The MS-PSK provides specialized collection component capabilities to support CI/HUMINT collection missions at the OMT. MS-PSK capabilities are COTS technologies and include night vision photography & video, captured materiel tracking, Credibility Assessment Capability, Digital Media Forensics software, Document Exploitation software, and will interface with a handheld biometric capability for identification.

FY2015 Base amount of $1.139 million will fund CHARCS software increased performance, ease of use, incremental capability improvements, integration into Army Center of Excellence (schoolhouse), DIA policy updates, interoperability updates, testing for Army Inter-Operability Certification (AIC), Common Operating Environment (COE), Reliability Availability and Maintainability (RAM), and quality assurance, test/integration with DCGS-A, and preplanned product improvement of collection, force protection, and mission support capabilities.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Title: RDTE: Software testing; increased SW performance capability; security accreditation; and HW integration of SW.	1.231	2.164	1.139
Articles:	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604321A / *ALL SOURCE ANALYSIS SYSTEM*	**Project (Number/Name)** B41 / *CI/HUMINT Software Products (MIP)*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Description: Software testing of v1.0.0.2 SP4, v1.0.4 and v1.0.5; increased SW performance capability; HW integration testing of CHARCS SW ***FY 2013 Accomplishments:*** FY2013 Base amount of $1.231 million funded additional tests of the CHARCS v1.4 baseline software, increased software performance capability, and DIA security updates and compliance. ***FY 2014 Plans:*** FY2014 Base amount of $2.164 million funds testing of CHARCS software, AIC and COE testing, interoperability, increased software performance capability and DIA policy updates and compliance. ***FY 2015 Plans:*** FY2015 Base amount of $1.139 million will fund CHARCS software increased performance capability, ease of use, incremental capability improvement, integration into Army Center of Excellence (schoolhouse), DIA policy updates, interoperability updates, testing for AIC, COE testing, RAM, and quality assurance, and preplanned product improvement of collection, force protection, and mission support capabilitites.			
Accomplishments/Planned Programs Subtotals	1.231	2.164	1.139

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
• CI HUMINT AUTO REPRTING AND COLL (C: *BK5275*	13.584	12.149	12.372	-	12.372	7.604	7.782	7.914	8.159	Continuing	Continuing

Remarks

D. Acquisition Strategy

Program capability documentation was updated to include Capabilities Development Document (CDD) Increment 2 requirements in CHARCS Capabilities Production Document (CPD) Increment 1, Revision 1, which was signed 6 September 2012. CHARCS is a post-Milestone C program. CHARCS is leveraging SEC CECOM and engineering services to increase current capabilities and provide an increased performance capability version of the CHARCS software. CHARCS will utilize competitively-awarded Task and Delivery Orders on Indefinite Deliverable, Indefinite Quantity contract vehicles to procure hardware and provide services. CHARCS software requires development to keep pace with evolving capability requirements, Defense Intelligence Agency and Information Assurance & Vulnerability Assessment (IAVA) compliance, and to meet AROC approved requirements documented in the CHARCS CPD Increment 1, Revision 1. PD is continuously evaluating and assessing existing Commercial-off-the-shelf (COTS), Government-off-the-shelf (GOTS), and Quick Reaction Capabilities (QRC) that support CHARCS CPD Increment 1, Revision 1.

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604321A / *ALL SOURCE ANALYSIS SYSTEM*	**Project (Number/Name)** B41 / *CI/HUMINT Software Products (MIP)*

E. Performance Metrics

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army			Date: March 2014
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Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management - PD CHARCS Government Acquisition Mgmt - Direct Costs	Allot	ASPO/PD CHARCS : Alexandria, VA	3.790	-		-		-		-		-	-	3.790	-
		Subtotal	3.790	-		-		-		-		-	-	3.790	-

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Software increased performance, integration and interoperability.	MIPR	TBD : TBD	0.000	-		-		0.644	Nov 2014	-		0.644	Continuing	Continuing	Continuing
CHARCS Software Development	MIPR	CECOM Software Engineering Center : Various Locations	14.988	1.131	Oct 2012	-		-		-		-	Continuing	Continuing	Continuing
CHARCS Software Management/Development	MIPR	DCGS-A : APG, MD	0.000	-		1.044	Mar 2014	-		-		-	Continuing	Continuing	Continuing
CHARC Software Development	MIPR	DCGS-A : APG, MD	0.000	-		0.520	May 2014	-		-		-	Continuing	Continuing	Continuing
DOMEX Tools	MIPR	National Ground Intelligence Center : Charlottesville, VA	8.100	-		-		-		-		-	-	8.100	-
		Subtotal	23.088	1.131		1.564		0.644		-		0.644	-	-	-

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Acquisition and Engineering Services-Program Office Support	MIPR	CACI Technologies, Inc. : Chantilly, VA	0.857	-		-		-		-		-	Continuing	Continuing	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604321A / *ALL SOURCE ANALYSIS SYSTEM*	**Project (Number/Name)** B41 / *CI/HUMINT Software Products (MIP)*	

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	0.857	-		-		-		-		-	-	-	-

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
CTSF: Army Interoperability Certification (AIC), Common Operating environment (COE) testing	MIPR	CECOM LCMC : APG, MD	0.000	-		-		0.295	Nov 2014	-		0.295	Continuing	Continuing	Continuing
Reliability, Availability, Maintainability (RAM)	MIPR	ATEC : APG, MD	0.000	-		-		0.100	Nov 2014	-		0.100	Continuing	Continuing	Continuing
Support to P3I collection tools	MIPR	TBD : TBD	0.000	-		-		-		-		-	Continuing	Continuing	Continuing
Quality Assurance	MIPR	CECOM LCMC : APG, MD	0.000	-		-		0.100	Nov 2014	-		0.100	Continuing	Continuing	Continuing
Test Support and Interoperability	MIPR	CTSF, : Ft. Hood, TX	0.612	-		-		-		-		-	Continuing	Continuing	-
Test Support and Interoperability	MIPR	US Army EPG : Ft Huachuca, AZ	0.000	-		0.600	Feb 2014	-		-		-	Continuing	Continuing	Continuing
Operational Test / Security Accreditation Testing / HW Integration Testing	MIPR	ATEC : Multiple	0.336	0.100		-		-		-		-	Continuing	Continuing	Continuing
Security Accreditation Collateral	MIPR	CECOM : Ft. Monmouth, NJ	0.381	-		-		-		-		-	Continuing	Continuing	-
Safety release	MIPR	CECOM : Ft. Monmouth, NJ	0.035	-		-		-		-		-	Continuing	Continuing	-
		Subtotal	1.364	0.100		0.600		0.495		-		0.495	-	-	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604321A / *ALL SOURCE ANALYSIS SYSTEM*	Project (Number/Name) B41 / *CI/HUMINT Software Products (MIP)*	

	Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	29.099	1.231		2.164		1.139		-		1.139	-	-	-

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604321A / *ALL SOURCE ANALYSIS SYSTEM*	**Project (Number/Name)** B41 / *CI/HUMINT Software Products (MIP)*

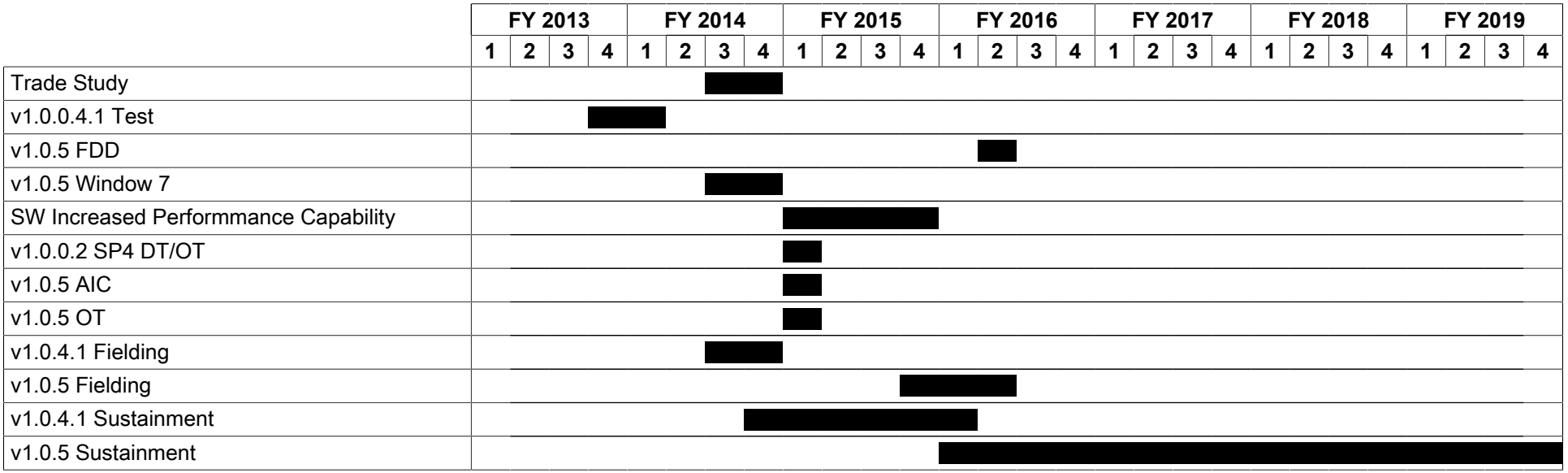

Exhibit R-4A, RDT&E Schedule Details: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604321A / *ALL SOURCE ANALYSIS SYSTEM*	**Project (Number/Name)** B41 / *CI/HUMINT Software Products (MIP)*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Trade Study	3	2014	4	2014
v1.0.0.4.1 Test	4	2013	1	2014
v1.0.5 FDD	2	2016	2	2016
v1.0.5 Window 7	3	2014	4	2014
SW Increased Performmance Capability	1	2015	4	2015
v1.0.0.2 SP4 DT/OT	1	2015	1	2015
v1.0.5 AIC	1	2015	1	2015
v1.0.5 OT	1	2015	1	2015
v1.0.4.1 Fielding	3	2014	4	2014
v1.0.5 Fielding	4	2015	2	2016
v1.0.4.1 Sustainment	4	2014	1	2016
v1.0.5 Sustainment	1	2016	4	2019

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604321A / *ALL SOURCE ANALYSIS SYSTEM*	Project (Number/Name) B51 / *Machine - Foreign Language Translation System*	

COST ($ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
B51: *Machine - Foreign Language Translation System*	-	4.370	2.673	4.393	-	4.393	1.067	-	-	-	-	12.503
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

The Machine Foreign Language Translation System (MFLTS), formerly Sequoyah, develops, fields, and sustains a basic automated foreign speech and text translation capability for Army tactical systems to augment and compliment limited human linguistic resources. These integrated automated translation capabilities will be applicable across three different system configurations; a hand-held/wearable portable device, a laptop/mobile device, and in a networked/web-enabled system. The software modules will translate English from a prioritized list of languages in a prioritized collection of domains (e.g. medical, intelligence, base security). MFLTS will be interoperable with Commercial Off-The-Shelf (COTS) or Government Off-The-Shelf (GOTS) automation equipment to include the Distributed Common Ground System-Army (DCGS-A), Nett Warrior (NW), and Counterintelligence Human Intelligence Automated Reporting and Collection System (CHARCS).

FY15 Base RDTE dollars in the amount of $4.393 million supports Test and Evaluation during the Engineering and Manufacturing Development (EMD) Phase providing deployable automated translation software.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Title: Product Development and Engineering	2.303	2.233	3.269
Articles:	-	-	-
Description: Development and integration of Critical Technology Elements (CTE) of Automated Speech Recognition (ASR), Optical Character Recognition (OCR), and Machine Language Translation Translation Engine (MLT TE) software			
FY 2013 Accomplishments: Developed and integrated Critical Technology Elements (CTE) of Automated Speech Recognition (ASR), Optical Character Recognition (OCR), and Machine Language Translation Translation Engine (MLT TE) software			
FY 2014 Plans: Continuing development and integration of Critical Technology Elements (CTE) of Automated Speech Recognition (ASR), Optical Character Recognition (OCR), and Machine Language Translation Translation Engine (MLT TE) software			
FY 2015 Plans:			

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604321A / *ALL SOURCE ANALYSIS SYSTEM*	**Project (Number/Name)** B51 / *Machine - Foreign Language Translation System*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Will continue development and integration of Critical Technology Elements (CTE) of Automated Speech Recognition (ASR), Optical Character Recognition (OCR), and Machine Language Translation Translation Engine (MLT TE) software			
Title: Test and Evaluation of MFLTS Capabilities	0.881	-	0.684
Articles:	-	-	-
Description: Testing of the automated language translation capabilities using established metrics, collected standard data sets, and standardized objective validation process			
FY 2013 Accomplishments: Tested the automated language translation capabilities using established metrics, collected standard data sets, and standardized objective validation process			
FY 2015 Plans: Will continue testing of the automated language translation capabilities using established metrics, collected standard data sets, and standardized objective validation process			
Title: PD Support and Management Services	1.186	0.440	0.440
Articles:	-	-	-
Description: Program Support and Matrixed services at other Government activities			
FY 2013 Accomplishments: Provided program support and matrixed services at other Government activities			
FY 2014 Plans: Continuing program support and matrixed services at other Government activities			
FY 2015 Plans: Will continue to provide program support and matrixed services at other Government activities			
Accomplishments/Planned Programs Subtotals	4.370	2.673	4.393

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
• Machine Foreign Language Translatio: *B88605* -	-	-	-	-	-	1.568	-	-	-	-	1.568

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604321A / *ALL SOURCE ANALYSIS SYSTEM*	**Project (Number/Name)** B51 / *Machine - Foreign Language Translation System*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Machine Foreign Language Translation System (MFLTS)											

Remarks

D. Acquisition Strategy

The MFLTS Technology Development (TD) Phase developed an open software architecture prototype using full and open competition that allowed the addition, upgrade and replacement of translation system components for integration into existing Programs. During the Engineering and Manufacturing Development (EMD) Phase, the program will integrate technology demonstrated during the TD Phase to meet Key Performance Parameters (KPPs). This includes the requirement to meet an Interagency Language Roundtable (ILR) level of 1 for two speech translation modules and an ILR level of 1+ for one text translation module in hand-held/wearable portable, laptop/mobile, and networked/web-enabled system configurations. Milestone B was achieved 22 Jul 13 and an option year contract for the EMD phase was awarded 22 Jul 13. Following a Milestone C decision, a full and open competition production contract will be issued to integrate and field the latest MFLTS capabilities.

E. Performance Metrics

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604321A / *ALL SOURCE ANALYSIS SYSTEM*	Project (Number/Name) B51 / *Machine - Foreign Language Translation System*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Support	MIPR	Various : Ft. Belvoir, VA	2.350	1.186	Jul 2013	0.440	Jan 2014	0.440	Oct 2014	-		0.440	Continuing	Continuing	-
		Subtotal	2.350	1.186		0.440		0.440		-		0.440	-	-	-

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Software Development Contract	MIPR	Raytheon BBN : Cambridge, MA	12.000	-		-		0.553	Jun 2015	-		0.553	-	12.553	-
Engineering Development	MIPR	Various : Various	0.000	1.713	Jul 2013	0.876	Jun 2014	1.284	Oct 2014	-		1.284	Continuing	Continuing	-
		Subtotal	12.000	1.713		0.876		1.837		-		1.837	-	-	-

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Engineering Support	MIPR	Various : Various	2.635	0.590	Oct 2012	1.357	Oct 2013	1.432	Oct 2014	-		1.432	Continuing	Continuing	-
		Subtotal	2.635	0.590		1.357		1.432		-		1.432	-	-	-

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Evaluation Activities	MIPR	USA Test and Eval Command : Alexandria, VA	0.100	0.881	Mar 2013	-		0.419	Nov 2014	-		0.419	Continuing	Continuing	-
Data Collection	MIPR	Army Research Laboratory : Adelphi, MD	0.308	-		-		-		-		-	-	0.308	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604321A / *ALL SOURCE ANALYSIS SYSTEM*	Project (Number/Name) B51 / *Machine - Foreign Language Translation System*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Technology Readiness Assessment	MIPR	Army Research Laboratory : Adelphi, MD	0.000	-		-		0.047	Dec 2014	-		0.047	-	0.047	-
Forensic Analysis	MIPR	Pro Services : Trenton, NJ	0.000	-		-		0.032	Dec 2014	-		0.032	-	0.032	-
PM and Host Platform Test and Evaluation Activities	MIPR	Various : Various	0.000	-		-		0.186	Nov 2014	-		0.186	-	0.186	-
		Subtotal	0.408	0.881		-		0.684		-		0.684	-	-	-

	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	17.393	4.370		2.673		4.393		-		4.393	-	-	-

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604321A / *ALL SOURCE ANALYSIS SYSTEM*	**Project (Number/Name)** B51 / *Machine - Foreign Language Translation System*

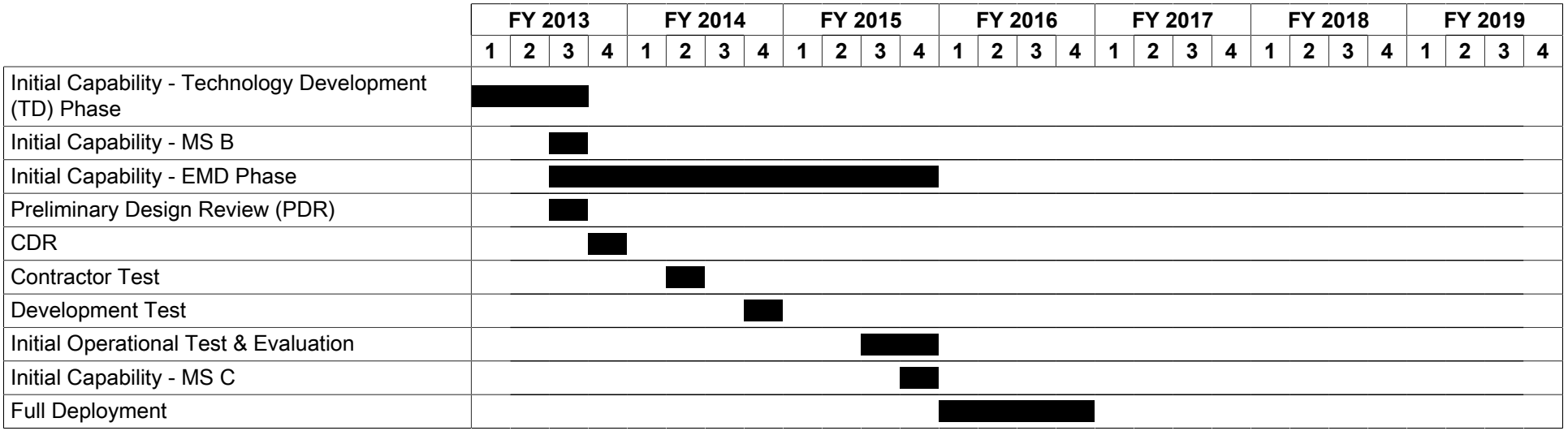

Exhibit R-4A, RDT&E Schedule Details: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604321A / *ALL SOURCE ANALYSIS SYSTEM*	**Project (Number/Name)** B51 / *Machine - Foreign Language Translation System*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Initial Capability - Technology Development (TD) Phase	4	2010	3	2013
Initial Capability - MS B	3	2013	3	2013
Initial Capability - EMD Phase	3	2013	4	2015
Preliminary Design Review (PDR)	3	2013	3	2013
CDR	4	2013	4	2013
Contractor Test	2	2014	2	2014
Development Test	4	2014	4	2014
Initial Operational Test & Evaluation	3	2015	4	2015
Initial Capability - MS C	4	2015	4	2015
Full Deployment	1	2016	4	2016