Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Army											Date: February 2015	
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 2014**	**FY 2015**	**FY 2016 Base**	**FY 2016 OCO**	**FY 2016 Total**	**FY 2017**	**FY 2018**	**FY 2019**	**FY 2020**	**Cost To Complete**	**Total Cost**
Total Program Element	-	4.837	5.532	4.309	-	4.309	3.804	3.306	1.405	1.429	Continuing	Continuing
B41: *CI/HUMINT Software Products (MIP)*	-	2.164	1.139	3.242	-	3.242	3.804	3.306	1.405	1.429	Continuing	Continuing
B51: *Machine - Foreign Language Translation System*	-	2.673	4.393	1.067	-	1.067	-	-	-	-	-	8.133

Note

FY2016 Base adjusments amount of $1.935 million will fund the development of a single CI/HUMINT software baseline with the Distributed Common Ground Systems-Army (DCGS-A), enabling interoperability with DCGS-A architecture, interface with Defense Intelligence Agency (DIA) databases, development of web capability, role-based access and advanced usability features.

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 the 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 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 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. 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

Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Army	Date: February 2015
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*

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 DCGS-A, Nett Warrior (NW), and CHARCS.

B. Program Change Summary ($ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	4.837	5.532	2.374	-	2.374
Current President's Budget	4.837	5.532	4.309	-	4.309
Total Adjustments	-	-	1.935	-	1.935
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	1.935	-	1.935

Exhibit R-2A, RDT&E Project Justification: PB 2016 Army			Date: February 2015
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 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
B41: *CI/HUMINT Software Products (MIP)*	-	2.164	1.139	3.242	-	3.242	3.804	3.306	1.405	1.429	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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. 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 and Operational Management Team (OMT) tools to process and manage team-collected information and a robust set of devices such as printers, scanners, and cameras to assist the collection mission. 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, and Document Exploitation software.

FY2016 Base amount of $3.242 million will fund efforts for the development of the single CI/HUMINT software baseline in coordination with DCGS-A and system engineering management support.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title: Development and Integration toward a single CI/HUMINT Software baseline; software testing; increased software performance capability; security accreditation; and HW integration of SW.	2.164	1.139	3.242	-	3.242
Description: Development and Integration toward a single CI/HUMINT Software baseline; software testing of v1.0.0.2 SP4, v1.0.4; increased SW performance capability; HW integration testing of CHARCS SW.					
FY 2014 Accomplishments:					

Exhibit R-2A, RDT&E Project Justification: PB 2016 Army		Date: February 2015
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)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Initiated efforts to improve interoperability with ATHENA functionalities, ATEC testing of CHARCS v1.0.0.2 SP4 software, AIC and COE testing. ***FY 2015 Plans:*** Initiating efforts for CHARCS software increased performance capability, ease of use, incremental capability improvement, DIA policy updates, and interoperability updates. Continuing efforts for testing related to AIC, COE compliance, RAM, and quality assurance, and preplanned product improvement of collection, force protection, and mission support capabilitites. ***FY 2016 Base Plans:*** Continuing efforts for the development of the single CI/HUMINT software baseline in coordination with DCGS-A and system engineering management support.					
Accomplishments/Planned Programs Subtotals	2.164	1.139	3.242	-	3.242

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
• CI HUMINT AUTO REPRTING AND COLL (C: *BK5275*	12.149	14.302	7.542	3.860	11.402	7.715	7.845	8.087	8.251	Continuing	Continuing

Remarks

FY16 OCO funding in the amount of $3.860 million is separately for DOD Biometrics to execute.

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 Communications Electronic Command Software Engineering Center (CECOM SEC) to increase current capabilities and provide an increased performance capability version of the CHARCS software. CHARCS will leverage new contract in coordination with DCGS-A Increment 2 to develop a single CI/HUMINT software baseline that meets an integrated connected and disconnected CI/HUMINT requirements, which would save sustainment costs of maintaining multiple baselines. CHARCS will utilize competitively-awarded Task and Delivery Orders on Indefinite Deliverable, Indefinite Quantity contract vehicles to provide services. CHARCS software requires development to keep pace with incremental technology improvements, Defense Intelligence Agency 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) and Government-off-the-shelf (GOTS) that support CHARCS CPD Increment 1, Revision 1.

E. Performance Metrics

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army			Date: February 2015
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)*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PD CHARCS PMO Government Engineering Direct Support	Allot	PD CHARCS : Ft Belvoir, VA	3.790	-		-		0.182		-		0.182	Continuing	Continuing	Continuing
		Subtotal	3.790	-		-		0.182		-		0.182	-	-	-

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Single CI&HUMINT SW Baseline	MIPR	DCGS-A : APG, MD	0.000	-		0.644	Jan 2015	2.300	Jan 2016	-		2.300	Continuing	Continuing	Continuing
CHARCS Software Development	MIPR	CECOM Software Engineering Center : Various Locations	16.119	-		-		-		-		-	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	24.219	1.564		0.644		2.300		-		2.300	-	-	-

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Software Engineering & Testing Services - PD CHARCS PMO	MIPR	CACI, Inc. : Arlington, VA	0.857	-		-		0.570	Mar 2016	-		0.570	Continuing	Continuing	Continuing
		Subtotal	0.857	-		-		0.570		-		0.570	-	-	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army			Date: February 2015
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)*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
CTSF: Army Interoperability Certification (AIC), Common Operating environment (COE) compliance	MIPR	CECOM SEC : Ft Huachuca, AZ	0.000	-		0.295	Jan 2015	0.190	Jan 2016	-		0.190	Continuing	Continuing	Continuing
Reliability, Availability, Maintainability (RAM)	MIPR	EPG : Ft Huachuca, AZ	0.000	-		0.100	Jan 2015	-		-		-	Continuing	Continuing	Continuing
Quality Assurance	MIPR	CECOM SEC : Ft Huachuca, AZ	0.000	-		0.100	Jan 2015	-		-		-	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	0.436	-		-		-		-		-	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	1.464	0.600		0.495		0.190		-		0.190	-	-	-

	Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	30.330	2.164		1.139		3.242		-		3.242	-	-	-

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army		Date: February 2015
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)*

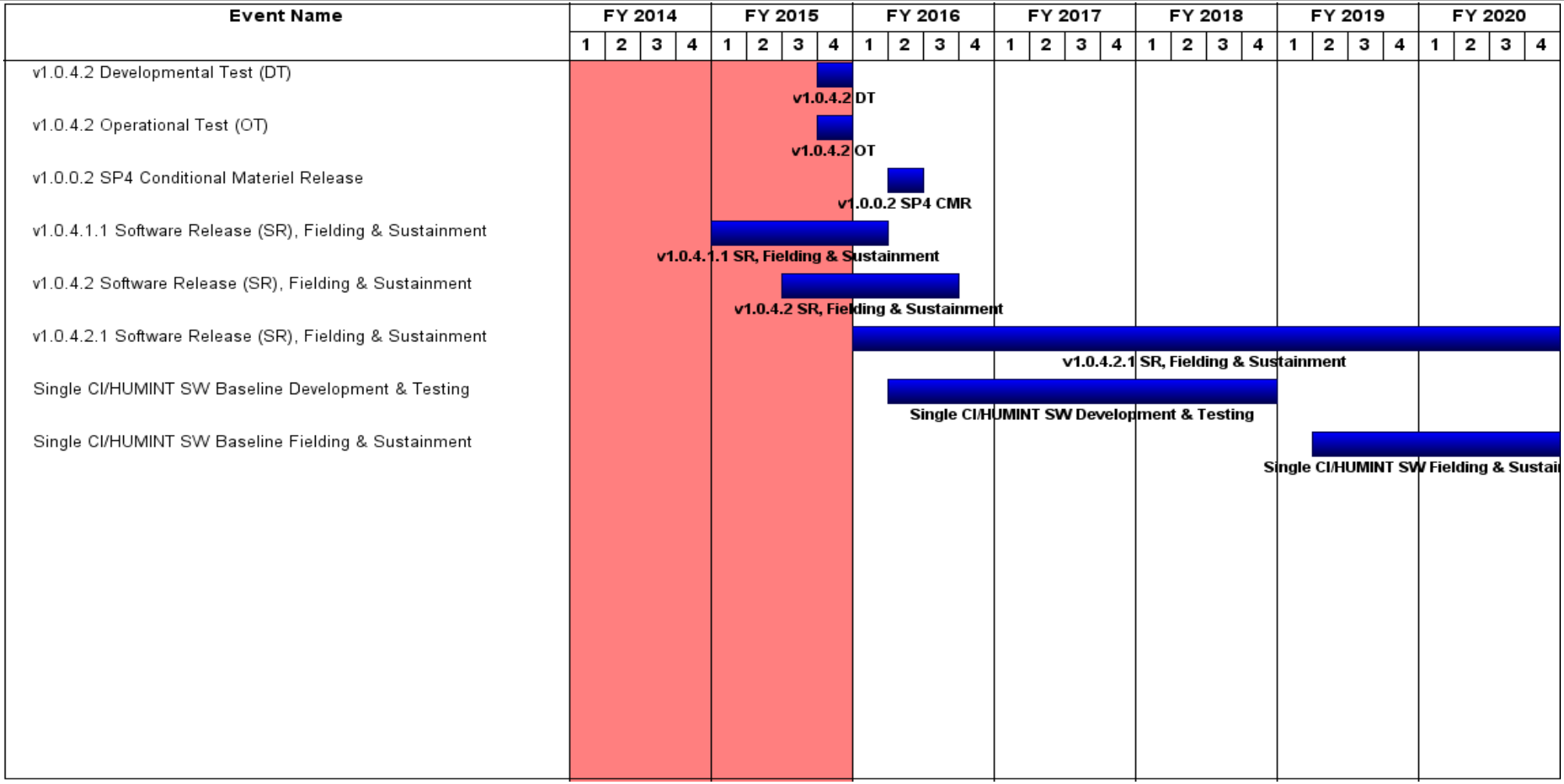

Exhibit R-4A, RDT&E Schedule Details: PB 2016 Army		Date: February 2015
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604321A / *All Source Analysis System*	**Project (Number/Name)** B41 / *CI/HUMINT Software Products (MIP)*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
v1.0.4.2 Developmental Test (DT)	4	2015	4	2015
v1.0.4.2 Operational Test (OT)	4	2015	4	2015
v1.0.0.2 SP4 Conditional Materiel Release	2	2016	2	2016
v1.0.4.1.1 Software Release (SR), Fielding & Sustainment	1	2015	1	2016
v1.0.4.2 Software Release (SR), Fielding & Sustainment	3	2015	3	2016
v1.0.4.2.1 Software Release (SR), Fielding & Sustainment	1	2016	2	2021
Single CI/HUMINT SW Baseline Development & Testing	2	2016	4	2018
Single CI/HUMINT SW Baseline Fielding & Sustainment	2	2019	4	2021

Exhibit R-2A, RDT&E Project Justification: PB 2016 Army			Date: February 2015
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 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
B51: *Machine - Foreign Language Translation System*	-	2.673	4.393	1.067	-	1.067	-	-	-	-	-	8.133
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Machine Foreign Language Translation System (MFLTS), formerly named 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).

FY16 Base RDTE dollars in the amount of $1.067 million provides engineering support for the continued development of Speech to Speech (S2S) languages in Iraqi Arabic and Pashto and Text to Text (T2T) language in Modern Standard Arabic (MSA).

B. Accomplishments/Planned Programs ($ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title: Product Development and Engineering	2.233	3.269	0.614	-	0.614
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 for the following languages: Pashto, Iraqi Arabic, and Modern Standard Arabic.					
FY 2014 Accomplishments: Intiated efforts to develop and integrate 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: Complete 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 2016 Base Plans:					

Exhibit R-2A, RDT&E Project Justification: PB 2016 Army		Date: February 2015
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)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Will support the continued development of Speech to Speech (S2S) languages in Iraqi Arabic and Pashto and Text to Text (T2T) language in Modern Standard Arabic (MSA).					
Title: Test and Evaluation of MFLTS Capabilities ***Description:*** Testing of 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	-	0.684	-	-	-
Title: PD Support and Management Services ***Description:*** Program Office Support ***FY 2014 Accomplishments:*** Provided program support and matrixed services at other Government activities ***FY 2015 Plans:*** Continuing program support and matrixed services at other Government activities ***FY 2016 Base Plans:*** Will continue to provide program management office support	0.440	0.440	0.453	-	0.453
Accomplishments/Planned Programs Subtotals	2.673	4.393	1.067	-	1.067

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
• MFLTS: *B88605 - Machine Foreign Language Translation System (MFLTS)*	-	-	8.125	-	8.125	-	-	-	-	-	8.125

Remarks

Exhibit R-2A, RDT&E Project Justification: PB 2016 Army		Date: February 2015
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*

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 integrated technology demonstrated during the TD Phase to meet Key Performance Parameters (KPPs). This included 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 Limited Deployment Decision (LDD), 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 2016 Army		Date: February 2015
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 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Support	MIPR	Various : Ft. Belvoir, VA	3.536	0.440	Jan 2014	0.440		0.453	Nov 2014	-		0.453	Continuing	Continuing	-
		Subtotal	3.536	0.440		0.440		0.453		-		0.453	-	-	-

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Software Development Contract	MIPR	Raytheon BBN : Cambridge, MA	12.000	-		0.553		-		-		-	-	12.553	-
Engineering Development	MIPR	Various : Various	1.713	0.876	Jun 2014	1.284		-		-		-	Continuing	Continuing	-
		Subtotal	13.713	0.876		1.837		-		-		-	-	-	-

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Engineering Support	MIPR	Various : Various	3.225	1.357	Oct 2013	1.432		0.614	Nov 2014	-		0.614	Continuing	Continuing	-
		Subtotal	3.225	1.357		1.432		0.614		-		0.614	-	-	-

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Evaluation Activities	MIPR	USA Test and Eval Command : Alexandria, VA	0.981	-		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 2016 Army			Date: February 2015
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 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Technology Readiness Assessment	MIPR	Army Research Laboratory : Adelphi, MD	0.000	-		0.047		-		-		-	-	0.047	-
Forensic Analysis	MIPR	Pro Services : Trenton, NJ	0.000	-		0.032		-		-		-	-	0.032	-
PM and Host Platform Test and Evaluation Activities	MIPR	Various : Various	0.000	-		0.186		-		-		-	-	0.186	-
		Subtotal	1.289	-		0.684		-		-		-	-	-	-

	Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	21.763	2.673		4.393		1.067		-		1.067	-	-	-

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army		Date: February 2015
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*

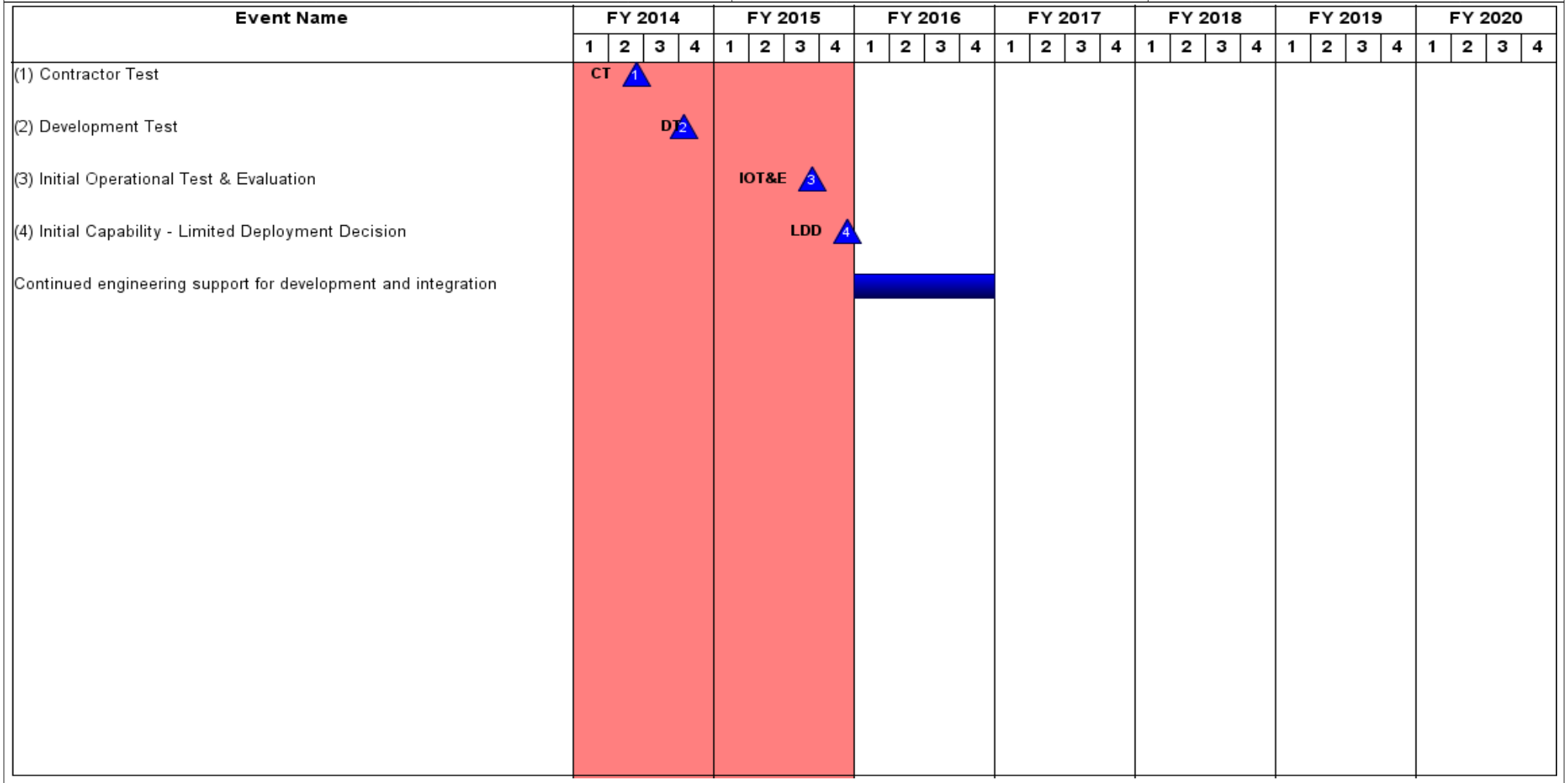

Exhibit R-4A, RDT&E Schedule Details: PB 2016 Army		Date: February 2015
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604321A / *All Source Analysis System*	**Project (Number/Name)** B51 / *Machine - Foreign Language Translation System*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Contractor Test	2	2014	2	2014
Development Test	4	2014	4	2014
Initial Operational Test & Evaluation	3	2015	4	2015
Initial Capability - Limited Deployment Decision	4	2015	4	2015
Continued engineering support for development and integration	1	2016	4	2016