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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Army									DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604321A: ALL SOURCE ANALYSIS SYSTEM							
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	12.562	30.674	17.412	-	17.412	3.217	0.102	-	-	Continuing	Continuing
B41: CI/HUMINT Software Products (MIP)	2.676	14.430	0.102	-	0.102	0.105	-	-	-	Continuing	Continuing
B51: SEQUOYAH - FOREIGN LANGUAGE TRANSLATION SYSTEM	9.886	16.244	17.310	-	17.310	3.112	0.102	-	-	Continuing	Continuing

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 and Human Intelligence Automated Reporting and Collection Systems (CHARCS), formerly known as Counterintelligence and Human Intelligence (CI/HUMINT) Information Management System (CHIMS), provides the Army automation support for collection and reporting of CI/HUMINT data to satisfy tactical human intelligence requirements. CHARCS functionality provides support for CI/HUMINT information collection, reporting, investigation, interrogation, biometrics, and document exploitation operations. The CHARCS architecture extends from the individual Tactical HUMINT team soldier or CI agent to Theater and National intelligence organizations. CHARCS provides systems to all Army Commands (ARCOM), Special Forces, Reserves, National Guard, Stryker Brigade Combat Teams (SBCT), and the training base. CHARCS systems produce and disseminate messages and reports through an array of communications systems including: combat Net Radio, Single Channel Ground and Airborne Radio System (SINCGARS), Portable Radio Communications(PRC)-150 Secure Telephone Equipment (STE), Secure Telephone Unit (STU), satellite, and other organic communications devices. The CHARCS systems reports collected intelligence directly to Operational Management Teams (OMT) of U.S. Army intelligence units. Future development efforts will provide CI agents and HUMINT collectors improved collection, reporting, biometrics, language, communications and mission management capabilities.

The Machine - Foreign Language Translation System (M-FLTS) program is to develop, acquire, field and sustain the warfighter with a basic automated foreign speech and text translation capability into Army systems of record, to augment and compliment limited human linguistic resources. These stand-alone and integrated automated translation capabilities will be applicable across three different system configurations; a hand-held/wearable portable device, a lap-top or mobile device, and in a networked system. The software modules will translate English into a prioritized listing of languages in a prioritized collection of domains. M-FLTS will be interoperable with commercial off-the-shelf (COTS), or government-off-the-shelf (GOTS) automation equipment to include the Net Enabled Command Capability

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APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0604321A: <i>ALL SOURCE ANALYSIS SYSTEM</i>
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(NECC), the Distributed Common Ground System (DCGS), Battle Command System (BCS), Soldier as a System (SaaS), Ground (GSS), Mounted (MSS) and Air-Soldier Systems (Air-SS), DoD Intelligence Information Systems (DoDIIS) and any associated devices and peripherals.

FY 2011 funding continues the development of improved counterintelligence and human intelligence collection and reporting capabilities under CHARCS.

FY 2011 funds development of Foreign Language Translation Systems.

ASAS RDT&E funding discontinued after FY 2009.

B. Program Change Summary (\$ in Millions)	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012 Base</u>	<u>FY 2012 OCO</u>	<u>FY 2012 Total</u>
Previous President's Budget	13.039	30.674	13.981	-	13.981
Current President's Budget	12.562	30.674	17.412	-	17.412
Total Adjustments	-0.477	-	3.431	-	3.431
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments 1	-0.477	-	3.431	-	3.431

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Army								DATE: February 2011			
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COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
B41: <i>CI/HUMINT Software Products (MIP)</i>	2.676	14.430	0.102	-	0.102	0.105	-	-	-	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 and reporting system. CHARCS provides automation support for information collection, reporting, investigations, source and interrogation operations and document exploitation. The CHARCS automation architecture extends from the individual HUMINT team soldier or CI agent to the Division and 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 hand-held collections 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), and each ITRT has an associated C-PSK.

The C-PSK provides specialized collection component capabilities to support CI/HUMINT collection missions as an addition to the CHATS and ITRT. 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 as an addition to the AN/PYQ-3 (CHATS). MS-PSK capabilities are COTS technologies and include language triage and translation, night vision photography and video, binocular, captured materiel tracking, Document and Media Exploitation (DOMEX) and Digital Media Forensics software, and Document Exploitation (DOCEX) software, and a handheld biometric capability for identification.

FY2012 Base amount of \$.102 million RDTE funds additional tests of the CHARCS V1.3 baseline software, software enhancements, service packs, Information Assurance Vulnerability Alert (IAVA) and DIA security updates and compliance, and hardware integration.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2010	FY 2011	FY 2012
Title: RDTE: Continue security and accreditation, enhancement and hardware integration testing of CHARCS software.	2.676	14.430	0.102
Articles:	0	0	
Description: Funds software testing, development and maintenance, PMO support and systems testing.			

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Army							DATE: February 2011				
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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)							FY 2010	FY 2011	FY 2012		
<i>FY 2010 Accomplishments:</i> Funded \$2434K in continued development of improved collection and reporting software functionality, and 242K in continued test and security accreditation efforts..											
<i>FY 2011 Plans:</i> will fund continued development of improved collection and reporting software functionality, and continued test and security accreditation efforts.											
<i>FY 2012 Plans:</i> \$102K will fund additional tests of the CHARCS V1.3 baseline software, software enhancements, service packs, IAVA and DIA security updates and compliance, and hardware integration.											
Accomplishments/Planned Programs Subtotals							2.676	14.430	0.102		
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
• BK5275: <i>CI HUMINT AUTO</i> <i>REPRTING AND COLL (CHARCS)</i> <i>(MIP)</i>	38.703	59.693	3.500		3.500		3.504	3.679	3.779	Continuing	Continuing
D. Acquisition Strategy											
Program capability documentation is in the process of being updated to support the removal of Increment II funding. PD CHARCS is a post-Milestone C program, scheduled to achieve Full Operational Capability of software version v1.3 in 3Q FY 12. CHARCS software is the common software on two collection and reporting products: CI/HUMINT Automated Tool Set (CHATS) and Individual Tactical Reporting Tool (ITRT). CHARCS software requires development to keep pace with evolving capability requirements, DIA and IAVA compliance, and to meet JROC approved requirements documented in the Increment I CPD. PD is assessing available capabilities to support Increment I CPD requirements.											
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 2012 Army										DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604321A: ALL SOURCE ANALYSIS SYSTEM				PROJECT B41: CI/HUMINT Software Products (MIP)					
Management Services (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 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 - PD CHARCS Government Acquisition Mgmt - Direct Costs	Allot	ASPO/PD CHARCS:Alexandria, VA	1.777	1.276		-		-		-	Continuing	Continuing	Continuing
Subtotal			1.777	1.276		-		-		-			
Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 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
CHARCS Software Development	TBD	TBD Competitive:TBD	9.743	11.521		-		-		-	Continuing	Continuing	Continuing
CECOM Transition Support	TBD	CECOM, SE Engineering Center:Ft Huachuca	1.028	0.500		-		-		-	Continuing	Continuing	Continuing
Subtotal			10.771	12.021		-		-		-			
Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 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
Acquisition and Engineering Services- Program Office Support	Various	CACI Technologies, Inc.:Chantilly, VA	-	0.687		-		-		-	Continuing	Continuing	0.000
Subtotal			-	0.687		-		-		-			0.000

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Test and Evaluation (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 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
Operational Test / Security Accreditation Testing / HW Integration Testing	MIPR	ATEC:Multiple	0.159	0.075		0.102		-		0.102	Continuing	Continuing	Continuing
Test Support and Interoperability	MIPR	CTSF,:Ft. Hood, TX	0.110	0.300		-		-		-	Continuing	Continuing	0.000
Security Accreditation Collateral	MIPR	CECOM:Ft. Monmouth, NJ	0.280	0.061		-		-		-	Continuing	Continuing	0.000
Safety release	MIPR	CECOM:Ft. Monmouth, NJ	0.025	0.010		-		-		-	Continuing	Continuing	0.000
Subtotal			0.574	0.446		0.102		-		0.102			

	Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	13.122	14.430		0.102		-		0.102			

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Army												DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>						R-1 ITEM NOMENCLATURE PE 0604321A: <i>ALL SOURCE ANALYSIS</i> SYSTEM						PROJECT B41: <i>CI/HUMINT Software Products (MIP)</i>			

	FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016			
	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
V1.2 OEF User Evaluation	■																											
V1.3 SP1 Government Acceptance Testing (GAT)				■																								
V1.3 ATEC Testing - Field Operating Agency (FOA)					■																							
CHARCS/DCSG-A Interoperability Testing							■																					
V1.3 SP2 Operational Testing										■																		

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Exhibit R-4A, RDT&E Schedule Details: PB 2012 Army			DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0604321A: <i>ALL SOURCE ANALYSIS</i> <i>SYSTEM</i>	PROJECT B41: <i>CI/HUMINT Software Products (MIP)</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
V1.2 OEF User Evaluation	1	2010	1	2010
V1.3 SP1 Government Acceptance Testing (GAT)	4	2010	4	2010
V1.3 ATEC Testing - Field Operating Agency (FOA)	1	2011	1	2011
CHARCS/DCSG-A Interoperability Testing	3	2011	3	2011
V1.3 SP2 Operational Testing	1	2012	1	2012

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Army								DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604321A: ALL SOURCE ANALYSIS SYSTEM				PROJECT B51: SEQUOYAH - FOREIGN LANGUAGE TRANSLATION SYSTEM			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
B51: SEQUOYAH - FOREIGN LANGUAGE TRANSLATION SYSTEM	9.886	16.244	17.310	-	17.310	3.112	0.102	-	-	Continuing	Continuing
Quantity of RDT&E Articles											
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).											
FY12 Base RDTE dollars in the amount of \$17.354 million will conclude the Technology Development (TD) phase and begin the Engineering and Manufacturing Development (EMD) phase to provide deployable automated translation software.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2010	FY 2011	FY 2012	
Title: Product Development (PD) 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 2010 Accomplishments: Continued 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 2011 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 2012 Plans:								6.711	11.500	10.000	
								0	0		

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Army		DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0604321A: ALL SOURCE ANALYSIS SYSTEM	PROJECT B51: SEQUOYAH - FOREIGN LANGUAGE TRANSLATION SYSTEM		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2010	FY 2011	FY 2012
Will continue to develop and integrate of Critical Technology Elements (CTE) of Automated Speech Recognition (ASR), Optical Character Recognition (OCR), and Machine Language Translation Translation Engine (MLT TE) software				
Title: PD Support Costs and Management Services Description: Program Support and Matrixed services at other Government activities FY 2010 Accomplishments: Continued program support and matrixed services at other Government activities FY 2011 Plans: Continuing program support and matrixed services at other Government activities FY 2012 Plans: Will continue to provide program support and matrixed services at other Government activities		Articles: 2.490 0	2.894 0	3.320
Title: Test and Evaluation of MFLTS Capabilities Description: Test the automated language translation capabilities using established metrics, collected standard data sets, and standardized objective validation process FY 2011 Plans: Testing of the automated language translation capabilities using established metrics, collected standard data sets, and standardized objective validation process FY 2012 Plans: Will continue test of the automated language translation capabilities using established metrics, collected standard data sets, and standardized objective validation process		-	1.800 0	2.100
Title: Metric Development of MFLTS Capabilities Description: Interagency Language Roundtable (ILR) automated metric development FY 2010 Accomplishments: ILR automated metric development FY 2011 Plans:		Articles: 0.685 0	0.050 0	-

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Army							DATE: February 2011				
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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)							FY 2010	FY 2011	FY 2012		
Completes ILR automated metric development											
Title: Data Collection of Vocabulary and Test Sets							-	-	1.890		
Description: Development of the vocabulary collection and testing sets in the prioritized languages											
FY 2012 Plans: Funds the activities to develop the vocabulary collection library and test sets for the next set of prioritized languages, as determined and validated by the FY11 MFLTS General Officers' Steering Group (GOSG)											
Accomplishments/Planned Programs Subtotals							9.886	16.244	17.310		
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
• B88605: <i>Machine Foreign Language Translation System - MFLTS</i>							6.543			Continuing	Continuing
D. Acquisition Strategy											
<p>The MFLTS acquisition strategy for the Technology Development (TD) Phase is to develop two open software architecture prototypes using full and open competition that will allow 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 three speech translation modules and an ILR level of 1+ for two text translation modules in hand-held/wearable portable, laptop/mobile, and networked/web-enabled system configurations. After completion of EMD, there will be a full and open competition for the production.</p>											
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 2012 Army											DATE: February 2011		
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Management Services (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 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 Support	MIPR	ASPO:Ft. Belvoir, VA	1.058	1.235		1.362		-		1.362	Continuing	Continuing	Continuing
Subtotal			1.058	1.235		1.362		-		1.362			
Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 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
Engineering & Manufacturing Development (EMD) Contracts	MIPR	TBD:TBD	-	4.500		10.000		-		10.000	Continuing	Continuing	Continuing
Technology Development (TD) Contracts	MIPR	TBD:TBD	1.530	7.000		-		-		-	Continuing	Continuing	Continuing
Subtotal			1.530	11.500		10.000		-		10.000			
Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 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
Matrixed services at other Government activities	MIPR	CERDEC:Ft. Monmouth, NJ	1.498	1.659		1.958		-		1.958	Continuing	Continuing	Continuing
Subtotal			1.498	1.659		1.958		-		1.958			
Test and Evaluation (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 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
Developmental Test and Evaluation	MIPR	USA Test and Eval Command:Alexandria, VA	-	1.800		2.100		-		2.100	Continuing	Continuing	Continuing
ILR Metric Development	MIPR	NIST, DLI, MIT-LL:Various	0.655	0.050		-		-		-	Continuing	Continuing	Continuing
Data Collection	MIPR		3.022	-		1.890		-		1.890	Continuing	Continuing	Continuing

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Test and Evaluation (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 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
		Army Research Laboratory:Adelphi, MD											
Subtotal			3.677	1.850		3.990		-		3.990			

	Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	7.763	16.244		17.310		-		17.310			

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Army			DATE: February 2011		
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	FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016			
	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
Initial Capability - MS A																												
Initial Capability - Technology Development (TD) Phase																												
TD Phase Contract Awards																												
Preliminary Design Review (PDR)																												
Initial Capability - MS B																												
Initial Capability - EMD Phase																												
CDR																												
LUT																												
Initial Capability - MS C																												
Production Contract Award																												
Initial Capability - Limited Deployment (LD)																												
IOTE																												
IOC																												
Initial Capability - Full Rate Production (FRP)																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2012 Army			DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0604321A: <i>ALL SOURCE ANALYSIS</i> <i>SYSTEM</i>	PROJECT B51: <i>SEQUOYAH - FOREIGN LANGUAGE</i> <i>TRANSLATION SYSTEM</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Initial Capability - MS A	2	2010	2	2010
Initial Capability - Technology Development (TD) Phase	2	2010	2	2012
TD Phase Contract Awards	2	2011	2	2011
Preliminary Design Review (PDR)	1	2012	1	2012
Initial Capability - MS B	3	2012	3	2012
Initial Capability - EMD Phase	3	2012	2	2013
CDR	3	2012	4	2012
LUT	1	2013	2	2013
Initial Capability - MS C	3	2013	3	2013
Production Contract Award	4	2013	4	2013
Initial Capability - Limited Deployment (LD)	4	2013	1	2014
IOTE	1	2014	2	2014
IOC	2	2014	3	2014
Initial Capability - Full Rate Production (FRP)	3	2014	1	2015

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