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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Army									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
2040: Research, Development, Test & Evaluation, Army				PE 0604321A: ALL SOURCE ANALYSIS SYSTEM							
BA 5: Development & Demonstration (SDD)											
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	13.211	13.039	22.574	8.100	30.674	13.981	14.093	3.754	3.833	Continuing	Continuing
B19: ASAS EVOLUTIONARY ACQ (MIP)	3.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
B41: CI/HUMINT Software Products (MIP)	1.716	3.116	6.330	8.100	14.430	3.375	3.548	3.754	3.833	Continuing	Continuing
B44: ASAS TADSS (MIP)	0.204	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
B49: CHIMS TADSS (MIP)	0.128	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
B51: SEQUOYAH - FOREIGN LANGUAGE TRANSLATION SYSTEM	7.763	9.923	16.244	0.000	16.244	10.606	10.545	0.000	0.000	Continuing	Continuing
A. Mission Description and Budget Item Justification											
The All Source Analysis System (ASAS) provides 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 provides the means to enhance the commander's timely and comprehensive understanding of enemy deployments, capabilities, and potential courses of action. The system uses 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 is migrating 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 initial DCGS-A Enabled ASAS systems began fielding in 4QFY07 and will continue through FY10. This fielding assures the availability of an initial, base DCGS-A capability in Active, National Guard, and Reserve units battalion to ASCC. The DCGS-A enabled ASAS product set currently includes: DCGS-A enabled ASAS-Light (ASAS-L) laptops; DCGS-A enabled ASAS Intelligence Fusion Station (IFS) desktop computers; the shelterized, High Mobility Multipurpose Wheeled Vehicle (HMMWV)-mounted DCGS-A enabled ASAS Analysis Control Team-Enclave (ACT-E); and various DCGS-A enabled ASAS Analysis and Control Element (ACE) configurations at Special Forces Group, Armored Cavalry Regiment, Division, Corps, and Military Intelligence Brigade. The Counterintelligence and Human Intelligence Automated Reporting and Collection Systems (CHARCS), formally 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, 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											

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BA 5: Development & Demonstration (SDD)					
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 (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 discontinues after FY 2009.					
B. Program Change Summary (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	16.411	13.107	16.115	0.000	16.115
Current President's Budget	13.211	13.039	22.574	8.100	30.674
Total Adjustments	-3.200	-0.068	6.459	8.100	14.559
• Congressional General Reductions		-0.068			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		0.000			
• Congressional Directed Transfers		0.000			
• Reprogrammings	-2.660	0.000			
• SBIR/STTR Transfer	-0.540	0.000			
• Adjustments to Budget Years	0.000	0.000	6.459	0.000	6.459
Change Summary Explanation					
Change Summary Explanation: Funding - FY 2011: \$6.459 million increase to support Machine-Foreign Language Translation System (formally called Sequoyah-Foreign Language Translation System). \$8.1 million anticipated Congressional increase for Overseas Contingency Operations efforts in support of Tactical Document and Media Exploitation (DOMEX) Tools.					

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army								DATE: February 2010			
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>				PROJECT B19: <i>ASAS EVOLUTIONARY ACQ (MIP)</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
B19: <i>ASAS EVOLUTIONARY ACQ (MIP)</i>	3.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification <p>The All Source Analysis System (ASAS) provides US Army commanders at all echelons from battalion to Army Service Component Command with automated support to the management and planning, processing and analysis, and dissemination of intelligence, counterintelligence, and electronic warfare. ASAS provides the means to enhance the commander's timely and comprehensive understanding of enemy deployments, capabilities, and potential courses of action. The system uses 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 product set currently includes: ASAS-Light (L) laptops, ASAS Intelligence Fusion Station (IFS) desktop computers, the shelterized, High Mobility Multipurpose Wheeled Vehicle (HMMWV)-mounted Analysis and Control Team-Enclave (ACT-E), and various Analysis and Control Element (ACE) configurations at Special Forces Group, Armored Cavalry Regiment, Division, Corps, and Military Intelligence Brigade. Through FY09 these ASAS systems will be configured to operate as integral components of the Army's Distributed Common Ground System-Army (DCGS-A) capability. The Map-Human Terrain (MAP-HT) Toolkit is responsible for addressing the military problem of the current existing limited Joint, Service, or Interagency capability (organization, methods, tools) to effectively collect/consolidate, visualize, and understand open source socio-cultural information to assist Commanders in understanding the human terrain in which they operate. The Map-Human Terrain (MAP-HT) Toolkit will provide a joint common relevant picture of the human terrain for use by tactical elements, operational commanders, theatre planners, interagency organizations, and coalition partners. The Map-Human Terrain (MAP-HT) Toolkit will provide the capability to establish direct cultural support to Brigade Combat Team/Marine Expeditionary Force commander and interagency end-users, provide a means for human terrain data collection and dissemination, and provide human terrain baseline information and toolkit. FY09 provided funding to reconfigure ASAS systems into an integral component of the Army's DCGS-A capability, resolve high priority Software Anomaly Reports (SAR); conduct interoperability development and test; comply with DOD mandates and provide Defense Information Infrastructure (DII) Common Operating Environment (COE)/Net Centric Enterprise Services (NCES) maintenance for the ASAS family of systems. Army has not programmed ASAS funding after FY09, as responsibility for meeting operational requirements for information electronic warfare assessment, management and planning, analysis and production, and dissemination has migrated to the DCGS-A program.</p>											
B. Accomplishments/Planned Program (\$ in Millions)											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
Program #1						3.400	0.000	0.000	0.000	0.000	

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B. Accomplishments/Planned Program (\$ in Millions)											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
Resolve high priority Software Anomaly Reports (SARs); conduct interoperability development and test; and comply with DOD mandates and provide Defense Information Infrastructure (DII) Common Operating Environment (COE)/Network Centric Enterprise Services (NCES) maintenance for ASAS Light, IFS, Analysis Control Team-Enclave (ACT-E), and Analysis and Control Element (ACE). <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO											
Accomplishments/Planned Programs Subtotals						3.400	0.000	0.000	0.000	0.000	
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• Ord. #1: <i>OPA (K28801) ASAS Modules</i>	79.361	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	79.361
• Ord. #2: <i>Spares (BS9704)</i>	1.185	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	1.185
D. Acquisition Strategy											
The ASAS development program builds upon and expands the capabilities and functionality developed and produced in the ASAS Block I System including conversion to the Common Hardware Systems (CHS) and the Defense Information Infrastructure Common Operating Environment/Network Centric Enterprise Services (DII COE/NCES) and Modernized											

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<p>Integrated Database (MIDB). ASAS is being developed using a block upgrade evolutionary acquisition strategy.- ASAS Block I: Fielded ruggedized, tactical systems at Active Component (AC) corps, divisions, and the institutional training base.- ASAS-Extended: Provided the rest of the AC and National Guard enhanced separate brigades with an interim ASAS capability running Block I software on commercial hardware.- ASAS Block II: Uses common hardware and software, built on the DII COE/NCES standard. Provides open architecture, assured interoperability, and enhanced capability with room for growth. ASAS Light is the key intelligence provider for Army Battle Command Systems (ABCS).- Army Software Blocking: ASAS Light synchronizes with Software Block 1 and 2 execution phases.The program emphasizes multiple evolutionary deliveries, with incremental enhancements of ASAS products, integrated test, and continuous evaluation opportunities. ASAS builds upon experience and feedback gained from the fielded ASAS products and real-world operational deployments providing the soldier with improved reliability, supportability, and survivability.</p> <p><u>E. Performance Metrics</u></p> <p>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.</p>		

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COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
B41: <i>CI/HUMINT Software Products (MIP)</i>	1.716	3.116	6.330	8.100	14.430	3.375	3.548	3.754	3.833	Continuing	Continuing
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification <p>The Counterintelligence (CI) and Human Intelligence (HUMINT) Automated Reporting and Collection Systems (CHARCS) are the Army's CI and HUMINT tactical collection and reporting systems. It 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 and digital data such as maps, overlays, images, video, biometrics, scanned documents and audio files 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 collection and processing devices for individual HUMINT team members 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). Together the ITRT and CHATS provide the necessary tactical tools and systems to collect, manage, store, export and receive CI/HUMINT related reports, files, information, and digital media. FY2011 Base amount of \$6.330 million RDTE funds the development of Increment II required counterintelligence and human intelligence collection and reporting software and hardware component capabilities to meet approved JROC CDD documentation, dated July 2008. FY2011 OCO amount of \$8.1 million RDTE funds the development and software license procurement of new capabilities for deployable Document and Media Exploitation (DOMEX) systems that will serve as a tactical extension of NMEC's next generation DOMEX systems NEXSYS.</p>											
B. Accomplishments/Planned Program (\$ in Millions)											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
Program #1						1.522	2.874	5.884	0.000	5.884	
Base: Continue development of improved collection and reporting software functionality.											

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B. Accomplishments/Planned Program (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2009 Accomplishments: FY 2009					
FY 2010 Plans: FY 2010					
FY 2011 Base Plans: FY 2011 Base					
FY 2011 OCO Plans: FY 2011 OCO					
Program #2 Base: Continue Test and Security Accreditation efforts. FY 2009 Accomplishments: FY 2009 FY 2010 Plans: FY 2010 FY 2011 Base Plans: FY 2011 Base FY 2011 OCO Plans: FY 2011 OCO	0.194	0.242	0.446	0.000	0.446
Program #3	0.000	0.000	0.000	8.100	8.100

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B. Accomplishments/Planned Program (\$ in Millions)												
								FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
OCO - Document and Media Exploitation (DOMEX) Tools												
FY 2009 Accomplishments: FY 2009												
FY 2010 Plans: FY 2010												
FY 2011 Base Plans: FY 2011 Base												
FY 2011 OCO Plans: FY 2011 OCO												
Accomplishments/Planned Programs Subtotals								1.716	3.116	6.330	8.100	14.430
C. Other Program Funding Summary (\$ in Millions)												
Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost	
• Ord. #1: OPA (BK5275) CI HUMINT AUTO REPRTING AND COLL (CHARCS) (MIP)	30.021	38.703	7.416	52.277	59.693	10.421	10.042	10.395	10.679	Continuing	Continuing	
• Ord. #2: RDTE (PE 64321, Project B49) CHIMS TADSS	0.128	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	.128	
D. Acquisition Strategy												
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 and meet JROC approved requirements documented in the Increment II Capability Development Documents (approved in July 2008). During the Engineering and Manufacturing Development (EMD) Phase, the program will have a full and open competition to award												

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a contract to build production representative systems using the Increment 1 baseline system. After MS C, in the Production and Deployment Phase, a Firm Fixed Price contract based on full and open competition will be awarded. Pre-planned product improvements will occur later in the phase to add product level capabilities that provide relevant intelligence to support the warfighter.		
<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.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army											DATE: February 2010			
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Product Development (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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	
CI/HUMINT Utilities SW Development	C	Northrop Grumman Sierra Vista, AZ	0.224	0.000		0.000		0.000		0.000	Continuing	Continuing	0	
CHARCS Software Development	C	TBD Location could not be determined.	9.324	1.967		3.421		0.000		3.421	Continuing	Continuing	0	
CHATS Development	C/FFP	ESS Frederick MD	1.808	0.000		0.000		0.000		0.000	Continuing	Continuing	0	
CI/HUMINT SS SW Development	C	Northrop Grumman Sierra Vista, AZ	0.050	0.000		0.000		0.000		0.000	Continuing	Continuing	0	
Cost Category Item is empty.	C	TAMSCO Eatontown, NJ	1.566	0.000		0.000		0.000		0.000	Continuing	Continuing	0	
ITRT Development	C/FFP	ESS Frederick MD Location could not be determined.	0.444	0.000		0.000		0.000		0.000	Continuing	Continuing	0	
Cost Category Item is empty. - 2	C/CPFF	Nothing entered for Activity and Location. Location could not be determined.	3.000	0.000		0.000		0.000		0.000	Continuing	Continuing	0	
CECOM Transition Support	C	CECOM SW Engineering Center, Ft. Huachuca AZ	1.028	0.000		0.500		0.000		0.500	Continuing	Continuing	0	
Cost Category Item is empty. - 3	C	Nothing entered for Activity and Location.	0.000	0.000		0.000		0.000		0.000	Continuing	Continuing	0	

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Product Development (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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	
		Location could not be determined.												
OCO DOMEX	C/TBD	TBD Location could not be determined.	0.000	0.000		0.000		8.100		8.100	Continuing	Continuing	0	
Subtotal			17.444	1.967		3.921		8.100		12.021			0.000	
Remarks														
Support (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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	
Contractor Support	C	TASC Chantilly, VA	2.367	0.000		0.000		0.000		0.000	Continuing	Continuing	0	
Contractor Support - 2	C/TBD	TBD Location could not be determined.	0.000	0.170		0.687		0.000		0.687	Continuing	Continuing	0	
Matrix Support	C	I2WD CECOM Fort Monmouth, NJ	0.368	0.000		0.000		0.000		0.000	Continuing	Continuing	0	
Subtotal			2.735	0.170		0.687		0.000		0.687			0.000	

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Support (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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
Remarks													
Test and Evaluation (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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	C	PRC McLean, VA	0.401	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Developmental Test	C	JITC Ft. Huachuca, AZ	0.374	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Test Support and Interoperability	C	CTSF Ft. Hood Tx.	0.110	0.202		0.300		0.000		0.300	Continuing	Continuing	0
Operational Test	C	ATEC Alexandria, VA	0.159	0.000		0.075		0.000		0.075	Continuing	Continuing	0
Test Articles	C	ESS Frederick, MD	0.120	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Security Accreditation Collateral	C	CECOM Ft. Monmouth, NJ	0.280	0.040		0.061		0.000		0.061	Continuing	Continuing	0
SCI PL2	C	NGMS Sierra Vista, AZ	0.000	0.000		0.000		0.000		0.000	Continuing	Continuing	0
SCI PL2 Certification	C	Air Force Research Lab (AFRL) Rome, NY	0.160	0.000		0.000		0.000		0.000	Continuing	Continuing	0

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army											DATE: February 2010		
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>				PROJECT B41: <i>CI/HUMINT Software Products (MIP)</i>					
Test and Evaluation (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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
Safety Release	C	CECOM Ft. Monmouth, NJ	0.025	0.000		0.010		0.000		0.010	Continuing	Continuing	0
Subtotal			1.629	0.242		0.446		0.000		0.446			0.000
Remarks													
Management Services (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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	C	ASPO/PD CHARCS Ft Belvoir, VA	1.304	0.737		1.276		0.000		1.276	Continuing	Continuing	0
Subtotal			1.304	0.737		1.276		0.000		1.276			0.000
Remarks													
			Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			23.112	3.116		6.330		8.100		14.430			0.000
Remarks													

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Exhibit R-4, RDT&E Schedule Profile: PB 2011 Army																		DATE: February 2010									
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)							

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Exhibit R-4A, RDT&E Schedule Details: PB 2011 Army			DATE: February 2010	
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)	
Schedule Details				
	Start		End	
Event	Quarter	Year	Quarter	Year
V1.2 CTSF Testing	1	2009	1	2009
V1.2 OEF User Evaluation	1	2010	1	2010
Incr 2 MS B	2	2010	2	2010
CHARCS V1.3 Development	4	2009	2	2010
V1.3 CTSF Testing	2	2010	2	2010
V1.3 User Evaluation	1	2010	1	2010
CHARCS V2.0 Development	3	2010	3	2011
V2.0 Operational Test	3	2011	3	2011
Incr 2 MS C	4	2011	4	2011
V2.0 First Unit Equipped	4	2011	4	2011
V2.0 Fieldings	4	2011	2	2013
CHARCS V2.1 Development	4	2011	1	2013
V2.1 LUT (if needed)	1	2013	1	2013
V2.1 First Unit Equipped	2	2013	2	2013
V2.1 Fieldings	2	2013	4	2014

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army									DATE: February 2010		
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 B44: ASAS TADSS (MIP)			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
B44: ASAS TADSS (MIP)	0.204	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification											
The All Source Analysis System (ASAS) is a ground based, mobile, command and control, intelligence processing system that provides tactical commanders a common view of the battlefield and a means for gaining a timely and comprehensive understanding of enemy force deployments, capabilities, and potential courses of action. The system interfaces with selected national, joint, and theater Intelligence assets, adjacent/higher/lower military intelligence preprocessors, Distributed Common Ground System-Army (DCGS-A), Army Battle Command System (ABCS), and organic deployed Intelligence/Electronic Warfare (IEW) teams and assets. The ASAS product set currently includes: ASAS-Light, Intelligence Fusion Station (IFS), Analysis and Control Team-Enclave (ACT-E), and Analysis and Control Element (ACE). The ASAS system uses standard joint and Army protocols and message formats to interface with forward deployed sensor/teams, intelligence preprocessors and joint/national/Army C3I systems.FY09 provided funding for Training Aids Devices Simulators and Simulations (TADSS).											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1							0.204	0.000	0.000	0.000	0.000
Training Aids Devices Simulators and Simulations											
FY 2009 Accomplishments:											
FY 2009											
FY 2010 Plans:											
FY 2010											
FY 2011 Base Plans:											
FY 2011 Base											

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010				
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>		PROJECT B44: <i>ASAS TADSS (MIP)</i>				
<u>B. Accomplishments/Planned Program (\$ in Millions)</u>								
				FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2011 OCO Plans:</i> FY 2011 OCO								
Accomplishments/Planned Programs Subtotals				0.204	0.000	0.000	0.000	0.000
<u>C. Other Program Funding Summary (\$ in Millions)</u> N/A								
<u>D. Acquisition Strategy</u> Not applicable for this item.								
<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.								

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army								DATE: February 2010			
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>				PROJECT B49: <i>CHIMS TADSS (MIP)</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
B49: <i>CHIMS TADSS (MIP)</i>	0.128	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification <p>The Counterintelligence/Human Intelligence (CI/HUMINT) Information Management System (CHIMS) is the Army system responsible for collection, processing, and analysis of CI/HUMINT data to satisfy tactical and strategic human intelligence requirements. CHIMS provides the automation support for Army tactical CI/HUMINT information collection, investigation, interrogation, operations, biometrics, document exploitation, and force protection. The CHIMS architecture extends from the individual agent/collector to National and Theater intelligence organizations. CHIMS is the only HUMINT automation provider for All-Source architectures for the Current to Future Force, including: ASAS Block 1 and 2, Distributed Common Ground System - Army (DCGS-A), and PORTICO. CHIMS systems are used to produce intelligence products to feed and maintain HUMINT databases and the All Source Correlated Data Base (ASCDB). CHIMS provides systems to both vertical and horizontal customer bases. Vertical (Army) clients include: Special Forces, Long Range Surveillance Units, all MACOMS, Reserves, National Guard, Stryker Brigade Combat Teams (SBCT), and the Intelligence School. Horizontal clients (non-Army) include U.S. Navy, U.S. Marine Corps, Joint Task Force (JTF) GTMO Cuba, and Defense Intelligence Agency (DIA). Organic automation and analysis capabilities are provided to Military Intelligence (MI) units with hand held reporting devices and to CI Staff Officers (CISO) with high capacity workstations and web servers, providing collection management, asset management, transmission, receipt, storage, and export of electronic data and digital imagery information including exploitation of foreign language materials and biometrics. CHIMS can produce and disseminate messages and reports through an array of communications systems including: serial, SINCGARS, STE, STU, satellite, and other organic communications devices. The CHIMS suite of systems incorporates a multi-tiered architecture that reaches from hand held devices to Web servers providing multiple security level access with both brilliant push and smart pull tools to the battlefield commander and National interests. PM CHIMS develops the CI/HUMINT Automated Management Software (CHAMS), a 3rd generation product providing advanced capabilities with a soldier friendly interface. The software provides asynchronous distributed databases that use a client server schema to maintain synchronicity In-Theater. This project provides Training Aids, Devices, Simulators and Simulations (TADSS) for CHIMS.</p>											
B. Accomplishments/Planned Program (\$ in Millions)											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
Program #1						0.128	0.000	0.000	0.000	0.000	
Develop Training Aids, Devices, Simulators and Simulations for CHIMS systems.											

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army										DATE: February 2010	
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>			PROJECT B49: <i>CHIMS TADSS (MIP)</i>				
B. Accomplishments/Planned Program (\$ in Millions)											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
<i>FY 2009 Accomplishments:</i> FY 2009											
<i>FY 2010 Plans:</i> FY 2010											
<i>FY 2011 Base Plans:</i> FY 2011 Base											
<i>FY 2011 OCO Plans:</i> FY 2011 OCO											
Accomplishments/Planned Programs Subtotals						0.128	0.000	0.000	0.000	0.000	
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• Ord. #1: <i>RDTE (PE 654321, Proj B41) CI/HUMINT Software Products</i>	1.697	2.968	3.169	0.000	3.169	0.000	0.000	0.000	0.000	Continuing	Continuing
• Ord. #2: <i>OPA (BK5275) CHIMS (TIARA)</i>	5.942	10.285	12.519	0.000	12.519	0.000	0.000	0.000	0.000	Continuing	Continuing
D. Acquisition Strategy											
The CI/HUMINT Automated Management Software (CHAMS), is the common software baseline for all CI/HUMINT Info Management System (CHIMS) product lines. CHAMS will be continuously improved through spiral development to keep pace with evolving capability requirements and TADSS requirements. CHIMS Training Aids, Devices, Simulators and Simulations development will be accomplished under the base CHAMS development contract, a competitively awarded IDIQ type contract.											
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-2A, RDT&E Project Justification: PB 2011 Army								DATE: February 2010			
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>				PROJECT B51: <i>SEQUOYAH - FOREIGN LANGUAGE TRANSLATION SYSTEM</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
B51: <i>SEQUOYAH - FOREIGN LANGUAGE TRANSLATION SYSTEM</i>	7.763	9.923	16.244	0.000	16.244	10.606	10.545	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification <p>The Machine Foreign Language Translation System (MFLTS) program develops, fields, and sustains a basic automated foreign speech and text translation capability into Army acquisition 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 or mobile device, and in a networked/web-enabled system. The software modules will translate English into a prioritized listing of languages in a prioritized collection of domains (i.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), Ground Soldier Ensemble, Counterintelligence Human Intelligence Automated Reporting and Collection System (CHARCS).FY11 Base RDTE dollars in the amount of \$16.244 million will support the development of the MFLTS.</p>											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1 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 <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010							1.530	6.470	11.500	0.000	11.500

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army			DATE: February 2010		
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 Program (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 Base Plans: FY 2011 Base					
FY 2011 OCO Plans: FY 2011 OCO					
Program #2 Support program management and matrixed engineering activities FY 2009 Accomplishments: FY 2009 FY 2010 Plans: FY 2010 FY 2011 Base Plans: FY 2011 Base FY 2011 OCO Plans: FY 2011 OCO	2.556	2.490	2.894	0.000	2.894
Program #3 Test the automated language translation capabilities using established metrics, collected standard data sets, and standardized objective validation process FY 2009 Accomplishments: FY 2009	0.000	0.000	1.800	0.000	1.800

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army			DATE: February 2010		
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 Program (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2010 Plans: FY 2010					
FY 2011 Base Plans: FY 2011 Base					
FY 2011 OCO Plans: FY 2011 OCO					
Program #4 Interagency Language Roundtable (ILR) automated metric development	0.655	0.685	0.050	0.000	0.050
FY 2009 Accomplishments: FY 2009					
FY 2010 Plans: FY 2010					
FY 2011 Base Plans: FY 2011 Base					
FY 2011 OCO Plans: FY 2011 OCO					
Program #5 Development of the vocabulary collection and testing sets in the prioritized languages	3.022	0.000	0.000	0.000	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army			DATE: February 2010		
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 Program (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2009 Accomplishments: FY 2009					
FY 2010 Plans: FY 2010					
FY 2011 Base Plans: FY 2011 Base					
FY 2011 OCO Plans: FY 2011 OCO					
Program #6 Small Business Innovative Research/Small Business Technology Transfer Programs	0.000	0.278	0.000	0.000	0.000
FY 2009 Accomplishments: FY 2009					
FY 2010 Plans: FY 2010					
FY 2011 Base Plans: FY 2011 Base					
FY 2011 OCO Plans: FY 2011 OCO					
Accomplishments/Planned Programs Subtotals	7.763	9.923	16.244	0.000	16.244

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army									DATE: February 2010		
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			
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• Ord. #1: B88605 Sequoyah Foreign Language Translation System	6.339	0.000	0.000	0.000	0.000	7.677	7.644	0.000	0.000	0	21.660
D. Acquisition Strategy											
The MFLTS program 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 components for integration into a full system. During the Engineering and Manufacturing Development (EMD) Phase, the program will be integrating technology demonstrated during the Technology Development Phase to meet Key Performance Parameter (KPP) of an Interagency Language Roundtable (ILR) level of 1 for 3 speech translation modules and an ILR level of 1+ for 2 text translation modules in hand-held/wearable portable, laptop or mobile, and networked/web-enabled system configurations. After completion of EMD, there will be a full and open competition for production capability and conduct of Operational Test and Evaluation (OT&E).											
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 2011 Army											DATE: February 2010																																																																								
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>				PROJECT B51: <i>SEQUOYAH - FOREIGN LANGUAGE TRANSLATION SYSTEM</i>																																																																											
Product Development (\$ in Millions) <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th colspan="4"></th> <th colspan="2">FY 2010</th> <th colspan="2">FY 2011 Base</th> <th colspan="2">FY 2011 OCO</th> <th>FY 2011 Total</th> <th colspan="3"></th> </tr> <tr> <th>Cost Category Item</th> <th>Contract Method & Type</th> <th>Performing Activity & Location</th> <th>Total Prior Years Cost</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Cost To Complete</th> <th>Total Cost</th> <th>Target Value of Contract</th> </tr> <tr> <td>Technology Development (TD) Contracts</td> <td>C/TBD</td> <td>TBD Location could not be determined.</td> <td align="right">0.000</td> <td align="right">6.470</td> <td></td> <td align="right">7.000</td> <td></td> <td align="right">0.000</td> <td></td> <td align="right">7.000</td> <td align="center">Continuing</td> <td align="center">Continuing</td> <td align="right">0</td> </tr> <tr> <td>Eng & Manufacturing Development (EMD) Contracts</td> <td>C/TBD</td> <td>TBD Location could not be determined.</td> <td align="right">0.000</td> <td align="right">0.000</td> <td></td> <td align="right">4.500</td> <td></td> <td align="right">0.000</td> <td></td> <td align="right">4.500</td> <td align="center">Continuing</td> <td align="center">Continuing</td> <td align="right">0</td> </tr> <tr> <td align="right" colspan="3">Subtotal</td> <td align="right">0.000</td> <td align="right">6.470</td> <td></td> <td align="right">11.500</td> <td></td> <td align="right">0.000</td> <td></td> <td align="right">11.500</td> <td></td> <td></td> <td align="right">0.000</td> </tr> </table>																		FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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	Technology Development (TD) Contracts	C/TBD	TBD Location could not be determined.	0.000	6.470		7.000		0.000		7.000	Continuing	Continuing	0	Eng & Manufacturing Development (EMD) Contracts	C/TBD	TBD Location could not be determined.	0.000	0.000		4.500		0.000		4.500	Continuing	Continuing	0	Subtotal			0.000	6.470		11.500		0.000		11.500			0.000
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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																																																																						
Technology Development (TD) Contracts	C/TBD	TBD Location could not be determined.	0.000	6.470		7.000		0.000		7.000	Continuing	Continuing	0																																																																						
Eng & Manufacturing Development (EMD) Contracts	C/TBD	TBD Location could not be determined.	0.000	0.000		4.500		0.000		4.500	Continuing	Continuing	0																																																																						
Subtotal			0.000	6.470		11.500		0.000		11.500			0.000																																																																						
Remarks																																																																																			
Support (\$ in Millions) <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th colspan="4"></th> <th colspan="2">FY 2010</th> <th colspan="2">FY 2011 Base</th> <th colspan="2">FY 2011 OCO</th> <th>FY 2011 Total</th> <th colspan="3"></th> </tr> <tr> <th>Cost Category Item</th> <th>Contract Method & Type</th> <th>Performing Activity & Location</th> <th>Total Prior Years Cost</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Cost To Complete</th> <th>Total Cost</th> <th>Target Value of Contract</th> </tr> <tr> <td>Matrixed services at Other Gov Activities</td> <td>C</td> <td>Fort Monmouth NJ</td> <td align="right">0.000</td> <td align="right">1.568</td> <td></td> <td align="right">1.659</td> <td></td> <td align="right">0.000</td> <td></td> <td align="right">1.659</td> <td align="center">Continuing</td> <td align="center">Continuing</td> <td align="right">0</td> </tr> <tr> <td align="right" colspan="3">Subtotal</td> <td align="right">0.000</td> <td align="right">1.568</td> <td></td> <td align="right">1.659</td> <td></td> <td align="right">0.000</td> <td></td> <td align="right">1.659</td> <td></td> <td></td> <td align="right">0.000</td> </tr> </table>																		FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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 Gov Activities	C	Fort Monmouth NJ	0.000	1.568		1.659		0.000		1.659	Continuing	Continuing	0	Subtotal			0.000	1.568		1.659		0.000		1.659			0.000														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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 Gov Activities	C	Fort Monmouth NJ	0.000	1.568		1.659		0.000		1.659	Continuing	Continuing	0																																																																						
Subtotal			0.000	1.568		1.659		0.000		1.659			0.000																																																																						
Remarks																																																																																			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army											DATE: February 2010																																																																															
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>				PROJECT B51: <i>SEQUOYAH - FOREIGN LANGUAGE TRANSLATION SYSTEM</i>																																																																																		
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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army									DATE: February 2010						
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>					PROJECT B51: <i>SEQUOYAH - FOREIGN LANGUAGE TRANSLATION SYSTEM</i>					
					Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals					0.000	9.923		16.244		0.000		16.244			0.000
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2011 Army		DATE: February 2010
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

	FY 2009				FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015			
	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 TD Phase					#	#	#	#	#	#	#																	
TD Phase Contract Awards					#	#																						
PDR												#																
Initial Capability- MS B												#																
Initial Capability EMD												#	#	#	#	#	#											
CDR													#															
LUT																#												
Initial Capability- MS C																	#											
Production Contract Award																		#										
Limited Deployment																		#	#									
Initial Capability Production																			#	#	#	#	#					
IOTE																			#									
IOC																				#								

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Exhibit R-4A, RDT&E Schedule Details: PB 2011 Army			DATE: February 2010	
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		
Schedule Details				
	Start		End	
Event	Quarter	Year	Quarter	Year
Initial Capability- MS A	1	2010	1	2010
Initial Capability TD Phase	1	2010	3	2011
TD Phase Contract Awards	1	2010	2	2010
PDR	3	2011	3	2011
Initial Capability- MS B	3	2011	3	2011
Initial Capability EMD	3	2011	4	2012
CDR	4	2011	4	2011
LUT	3	2012	3	2012
Initial Capability- MS C	4	2012	4	2012
Production Contract Award	2	2013	2	2013
Limited Deployment	2	2013	3	2013
Initial Capability Production	3	2013	3	2014
IOTE	3	2013	3	2013
IOC	4	2013	4	2013

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