

## UNCLASSIFIED

<b>Exhibit R-2, RDT&amp;E Budget Item Justification</b>				<b>DATE:</b> February 2005				
<b>APPROPRIATION/BUDGET ACTIVITY</b> RDT&E, Defense-Wide/07				<b>R-1 ITEM NOMENCLATURE</b> Net-Centric Enterprise Services (NCES)/PE 0303170K				
COST (in Millions)	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Net-Centric Enterprise Services (NCES)/T57	30.267	49.904	79.018	28.241	29.647	25.546	20.340	21.498

A. Mission Description and Budget Item Justification:

Net-Centric Enterprise Services (NCES) has been identified by the Assistant Secretary of Defense for Networks and Information Integration (ASD-NII) as a key Department of Defense (DoD) Global Information Grid (GIG) supporting infrastructure. NCES is a key component of DoD's strategy for meeting its transformation goals. NCES will eliminate duplicative services within DoD by providing a common set of interoperable services supporting users in the warfighter and business domains. On 4 May 04, NCES received its Milestone A authorizing NCES to enter the Technology Development phase and begin work toward Milestone B, the next phase in the acquisition process. NCES is currently designated as a Pre-Major Automated Information System (MAIS).

NCES is the acquisition program responsible for enabling the Core Enterprise Service (CES) portion of the Global Information Grid Enterprise Services (GIG ES). As part of the larger GIG ES, NCES will support all joint Functional Concepts including Force Application, Battlespace Awareness, Command and Control, Force Protection, and Focused Logistics. NCES will enable information sharing for the entire DoD to include conventional and nuclear warfighters, warfighter support, military operations other than war, business units, and interface between DoD and non-DoD organizations. NCES will provide the common enterprise-wide services upon which DoD computer applications will rely as the department transforms to Net-Centric Warfare Concepts. NCES capabilities, deployed on Defense networks, will provide a consolidated, services-based Information Technology (IT) infrastructure which reduces overall costs to deploy and maintain IT systems supporting day-to-day business and warfighter operations.

The NCES services-based architecture eliminates costly legacy interfaces between disjointed, disparate, and stove-piped systems by providing a comprehensive set of core enterprise services. These core enterprise services are:

(1) Discovery: the enabling of all users no matter where they are to find the necessary information required no matter where it is or what data structure (xml, metadata, text, video, etc.) it is stored in, to make better decisions, faster. This service includes the discovery of services, persons, content, and metadata, and discovery policies and procedures;

(2) Collaboration: this service will enable real-time situational updates to time critical planning activities among joint, coalition partners, the intelligence community, and Agencies at all levels (DoD, Federal, State, and Local) and

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provide real-time information sharing and processing anywhere and anytime, by any user with privileges on the DoD network. Collaboration includes web conferencing, audio and video communications, whiteboarding, instant messaging, file sharing and virtual workspace, application sharing, and collaboration policies and procedures;

(3) Mediation: this service will enable users to post and use previously posted data no matter what format in order to support rapid decision-making. This availability of information will enable a more effective speed of execution of command and control within a given theater of operations as well as expanding the services for all users to access the net information whether it is the warfighter or the business management of data in the Department. This service will include the enabling of technology to allow the access of information to a multitude of appliances such as Personal Digital Assistants (PDAs), Cell phones, laptop computers, and desktop computers. This service includes general data access, dissemination by channel, data translation, language translation, and mediation policies and procedures;

(4) Messaging: this service provides a web Browser-Based E-Mail system, secure messaging, notifications and alerts, message boards and newsgroups, mailing and distribution, wireless support, messaging policies and procedures, and interoperable global communications support;

(5) Enterprise Services Management (ESM): this service will provide assured end-to-end service availability, assured information protection, and assured information delivery. Enterprise Services Management (ESM) will provide performance monitoring, configuration management, event correlation and mission impact assessment, problem detection and resolution, as well as enterprise IT resource accounting and addressing;

(6) Application: this service will provide a protected hosting environment consisting of common hardware platforms, operating systems, and applications that will be developed and delivered as Evaluation Capability Modules (ECM). Four Evaluation Capability Module Environments will comprise the Application service. These Evaluation Capability Module Environments are Test and Integration, Pilot, Staging, and Production;

(7) User Assistant: this service provides automated helper capabilities using smart agents and Section 508 compliance which allows service providers across the net to efficiently provide accessible services and content to end-users;

(8) Storage: this service provides the warfighter and business user with enough hard disk storage to store necessary information from using NCES' core enterprise services. The Task-Post-Process-Use (TPPU) paradigm will push today's

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storage limitations beyond their current capabilities. It includes storage architecture, storage operations and capacity management, and storage policies and procedures; and

(9) Information Assurance/Security (IAS): this service provides authentication, access management, and domain security services. These IAS services enable resistance to non-user system access and interference, in addition to preventing user misuse and security errors. The IAS service interoperates with the other core services to protect the CES as a whole entity. This service relies on the Public Key Infrastructure (PKI) and supports user authentication, validation services, cryptographic functions, IAS policies and procedures.

NCES supports the DoD's transformation goals to achieve rapid decision superiority, streamline business processes, and conduct effective and discriminate information operations. NCES transforms legacy planning and execution capabilities into protected, web-based, real-time collaborative business processes, including Joint and Coalition information exchanges across organizational boundaries. NCES meets the military requirement to provide dramatically improved situational awareness, robust alerting, shortened decision cycles, and shared understanding.

NCES also supports the following five Defense Information System Agency Strategic Goals:

1. Strategic Goal 1: "Provide flexible, reliable information infrastructure capable of supporting the evolving Global Information Grid required by the warfighter and others to achieve the highest levels of effectiveness in joint and combined operations."
2. Strategic Goal 2: "Support easy sharing of high quality information supporting interoperability among U.S. Forces and Allies."
3. Strategic Goal 3: "Defense information resources are secure."
4. Strategic Goal 4: "Personnel are available, well-qualified, and able to improve their professional skills."
5. Strategic Goal 5: "Information Technology is used to maximum advantage at the least cost to satisfy customers."

As the key enterprise services component of the GIG ES, NCES supports Strategic Goal 1 by extending and securing the warfighters' information domain to enable network-centric operations. NCES supports Strategic Goal 2 by increasing efficiency; enhancing interoperability in joint environments; and providing all users with gained benefits in speed, accuracy, and networked information capabilities. NCES will maximize the utilization of commercial technologies, products, and applications to support the Core Enterprise Services, while fully adhering to the practical strategy of Defense in Depth to achieve information assurance/security goals. In addition, NCES will use in its acquisition

UNCLASSIFIED

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strategy competition analysis to control and contain program costs. Therefore, NCES supports Strategic Goals 3 and 5. Finally, NCES supports Strategic Goal 4 through its Staff Net-Centric Education Initiatives, which encourage the demonstration of net-centric behavior and the use of net-centric tools in our daily jobs. Via the Collaboration and User Assistant Enterprise Services, NCES will allow remote training for its personnel and personnel throughout DISA and DoD.

This program element is under Budget Activity 7 because it supports operational systems development.

Accomplishments/Planned Program:

Program Management Support	<u>FY 04</u>	<u>FY 05</u>	<u>FY 06</u>	<u>FY 07</u>
Subtotal Cost	4.555	7.486	6.876	7.095

Program Management Support - This task area supports the market and technology research efforts required to determine the most cost effective implementation strategy for NCES core set of enterprise services. In FY 2004, this task funds the preparation of Milestone A documentation and the initiation of Milestone B documentation support for NCES.

Increment 1. The Milestone A documents included the Analysis of Alternatives (AoA), the Technology Development Strategy (TDS), the Clinger-Cohen Act (CCA) Report, and the Test and Evaluation Strategy (TES). In FY 2005, the requested funds will support the completion of the Milestone B documentation which includes the Economic Analysis (EA), Cost Analysis Requirements Description (CARD), Test and Evaluation Master Plan (TEMP), System Engineering Plan (SEP), Program Protection Plan (PPP), Information Assurance Strategy Report (IASR), Acquisition Program Baseline (APB), Acquisition Strategy (AS), Information Support Plan (ISP), Capabilities Development Document (CDD), and Concepts of Operations (CONOPS). In FY 2006, the requested funds support the updating of Milestone B documentation in preparation for a Milestone C decision for NCES Increment 1. In FY 2007, funds are used to update Milestone A documentation for NCES Increment 2.

ECM Pilot Environment	<u>FY 04</u>	<u>FY 05</u>	<u>FY 06</u>	<u>FY 07</u>
Subtotal Cost	1.480	2.894	0.701	0.707

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ECM Pilot Environment - This task area supports the development of NCES architecture, compliant with the Global Information Grid Enterprise Architecture and Business Management Modernization Program Enterprise Architecture. It also provides funds for technology demonstrations and feasibility analysis to determine which Commercial and Government provided/owned Information Technology capabilities best meet the military requirements for the least cost. The military requirements for NCES are defined in the NCES Capabilities Development Document (CDD).

ECM Pilot Support and Test and Integration Environment	<u>FY 04</u>	<u>FY 05</u>	<u>FY 06</u>	<u>FY 07</u>
Subtotal Cost	0.000	1.098	0.185	0.187

ECM Pilot Support and Test and Integration Environment - This task supports the development of a Pilot Support ECM Environment prior to Milestone B that provides minimal test and integration support to the ECM Pilot Environment and a full ECM Test and Integration Environment after Milestone B approval. In FY 2005, the ECM Pilot Support Environment will be built and located at a Defense Enterprise Computing Center (DECC), DECC equivalent site within DoD, or a commercial hosting vendor facility. In FY 2005, funds will also be used to perform minor testing and integrating of potential ECMs that will satisfy NCES requirements. In FY 2006, funds will be used to transform the existing ECM Pilot Support Environment into a full ECM Test and Integration Environment and to test and integrate NCES ECMs prior to Milestone C. The ECM Test and Integration Environment will support the test and integration of ECMs to support an Operational Prototype supporting up to 500,000 users. In FY 2007, funds will be used to test and integrate ECMs for the Phase I Production Environment supporting 1.5 million users.

ECM Staging Environment	<u>FY 04</u>	<u>FY 05</u>	<u>FY 06</u>	<u>FY 07</u>
Subtotal Cost	0.000	0.000	0.765	0.114

ECM Staging Environment - This task supports the development of an ECM Staging Environment after a favorable Milestone B decision located at a DECC, DECC equivalent site within DoD, or a commercial hosting vendor facility. In FY 2006, the ECM Staging Environment will be built and will support staging of all ECMs ready for demonstration with the NCES Operational Prototype supporting 500,000 users. In FY 2007, the ECM Staging Environment will support the list of ECMs ready for Phase I Production supporting 1.5 million users.

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	<u>FY 04</u>	<u>FY 05</u>	<u>FY 06</u>	<u>FY 07</u>
ECM Core Enterprise Services Development and Operational Prototype				
Subtotal Cost	24.232	38.427	70.491	20.138

ECM Core Enterprise Services Development and Operational Prototype - This task area supports the development of NCES Core Enterprise Services as Evaluation Capability Modules (ECM). Funding includes development for potential ECM candidates in FY 2004 to support the Pilot Environment. In FY 2005, funding will enable NCES to rapidly incorporate the latest and most technologically advanced commercial product offerings, including outsourced services, along with government developed services and capabilities. Ongoing cost and effectiveness analyses will ensure that the results of technology pilots and incremental fielding of spirals (warfighter demonstrations) are used in the acquisition process to make maximum use of industry capabilities and minimize development of unique or government owned software and services. In FY 2006, funding includes the development of a potential suite of NCES Core Enterprise Services to support an Operational Prototype with a capacity to serve 500,000 users. The Operational Prototype will be built to demonstrate NCES capabilities for a larger number of users before entering into the production phase. In FY 2007 funding will support the first release of NCES as a DoD wide enterprise service supporting 1.5 million users in the Phase I Production environment.

B. Program Change Summary:

	<u>FY 04</u>	<u>FY 05</u>	<u>FY 06</u>	<u>FY 07</u>
Previous President's Budget	30.364	52.059	65.396	49.994
Current Submission	30.267	49.904	79.018	28.241
Total Adjustments	-0.097	-2.155	13.622	-21.753

## Change Summary Explanation:

FY 2004 decrease is due to below threshold reprogramming.

FY 2005 decrease is due to undistributed Congressional reductions to the Defense-wide RDT&E appropriation.

FY 2006 increase is attributed to an expected MS B approval, which will initiate the development of an Scalability Prototype supporting 500,000 users.

UNCLASSIFIED

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FY 2007 decrease in funds is due to NCES anticipating receiving MS C approval resulting in less RDT&E funding but an increase in Procurement and Operations & Maintenance funding for the NCES Production Environment providing DoD wide enterprise services for Increment 1.

C. Other Program Funding Summary:

	<u>FY 04</u>	<u>FY 05</u>	<u>FY 06</u>	<u>FY 07</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>To Complete</u>	<u>Total Cost</u>
Procurement, DW	0.000	0.000	0.000	44.286	52.698	13.230	23.817	28.511	Contg	Contg
O&M, DW	9.298	16.328	14.557	17.442	22.797	65.428	65.508	65.463	Contg	Contg

D. Acquisition Strategy:

The NCES Acquisition Strategy(AS) defines the extensive use of COTS software, the minimization of Government-Off-the-Shelf (GOTS) solutions, the work to be contracted, the hardware acquisition including Edge Servers, the Services Oriented Architecture supporting the NCES Infrastructure, the Best of Breed programs within DoD that will be leveraged to provide certain capability, affordability considerations, the hosting solutions such as deployment in Defense Enterprise Computing Centers (DECCs), current DoD facilities, or new facilities, and the risks associated with the acquisition strategy. The risk analysis includes a mitigation strategy if software vendors that supply critical software were to go out of business, or hardware or software platforms that are no longer supportable by the Original Equipment Manufacturer (OEM) or the software vendor providing upgrades and patches. These end of life issues are clearly delineated in the Acquisition Strategy so that the NCES Program Management Office (PMO) has options if the risk events were to be realized. NCES will use a number of strategies such as business case analyses to select the best managed service provider, use of Statement of Objectives to provide responses to satisfy required services supporting the mission of NCES, Request for Information from various commercial vendors to supply software and hardware necessary to deliver core enterprise service solutions, Request for Proposals (RFP) to control costs through competition, and the use of performance based contracts for development of the core enterprise services. These strategies will be used to

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acquire the necessary hardware, facilities, and managed services for the four ECM environments as part of the hosting strategy; the purchase of Commercial-Off-the-Shelf (COTS) software along with developed software for ECM development; test and integration support; systems engineering; and modeling and simulation. The NCES acquisition strategies will focus on the following:

1. The extensive use of COTS software to provide the core enterprise services. Enterprise licenses will be obtained for the COTS software to reduce overall costs. Commercial software to provide the NCES capabilities has been identified from the NCES Analysis of Alternatives (AoA). The current software will be augmented with Requests for Information (RFI) to commercial industry to obtain additional software capable of providing NCES capabilities.
2. The use of Statement of Objectives (SOO) to acquire support for Modeling and Simulation, Test and Integration, and Hosting/Managed services. Responses from the NCES SOO will be evaluated by conducting business case analyses on the respondents. The business case analysis will include an Economic Analysis, Competition Analysis, Strength, Weakness, Opportunities, and Threats (SWOT) Analysis, Capacity Analysis, Quality of Service Analysis, Sensitivity Analysis, and a Capability Maturity Model Integrated (CMMI) Analysis. Based on the results from the analyses, service providers will be selected.
3. The use of Performance Based Contracting to acquire Program Management support for the Milestone B documentation, development support for producing, testing, and integrating the Evaluation Capability Modules (ECMs), and systems engineering. All contracts beginning in FY 2004 through FY 2011 will be performance based. Currently, the first two contracts awarded to provide Milestone B document support were performance based.

These contracts were awarded to Langston University/Mathematical Modeling, Inc. and Data Systems Analysts. Contractor Performance Reviews will be conducted on a monthly basis and all data will be put into the NCES Earned Value Management System (EVMS) for performance reporting and assessment.

E. Performance Metrics:

NCES has developed several metrics. These metrics are geared to business process reengineering, improving system performance, and improving communications between users and the Program Management Office. These metrics will insure that the best possible suite of core enterprise services is provided to DoD. The key performance metric definitions and the measures that will be used to access the performance of the internal processes and communications are: (1)

UNCLASSIFIED

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Requirements Satisfaction: Provide trustworthy enterprise services for customers to dynamically discover, access, and use data that is not constrained by pre-determined flow of information. This metric is measured by the number of enterprise services provided by external system developers, number of users accessing core enterprise services, and the number of Core Enterprise Services (CES) Evaluation Capability Modules (ECM) provided. (2) Customer Satisfaction: Proactively work with our customers to understand their requirements and provide solutions that address their needs within the scope of NCES. This metric is measured by the percentage of projects that meet or exceeds customer expectations as indicated in customer satisfaction surveys. (3) Staff Net-Centric Education Initiatives: Demonstrate net-centric behavior and use net-centric tools in our daily jobs. This metric is measured by the percentage of NCES staff actually using the net-centric tools provided through the NCES portal. A favorable rating of at least a 4 out of a maximum of 5 from the NCES staff is the target performance expected.

The system performance metrics that serve as the NCES target for some of the core enterprise services are: (1) Discovery Service: 3,000 queries per second; (2) Messaging service: 2,000,000 secure messages per hour; (3) Collaboration Service: 17,000 audio/video simultaneous point of presence; (4) Mediation Service: 50 pages per second for machine language translation; (5) Storage Service: 1 Gigabyte per user; and (6) Information Assurance/Security Service: 100,000 authentications per second.

## UNCLASSIFIED

Exhibit R-3 Cost Analysis						DATE: February 2005						
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NAME AND NUMBER						
RDT&E, Defense-Wide/07			Net-Centric Enterprise Services (NCES)/ PE 0303170K			Net-Centric Enterprise Services (NCES)/T57						
Cost Category	Contract Method & Type	Performing Activity & Location	Total PYS Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
System Engineering Services	C/FFP	MITRE, McClean, VA	3.500	3.419	OCT-04	3.662	OCT-05	3.724	OCT-06	Contg	Contg	14.305
Engineering/Technical Services	C/FFP	JPL, San Diego, CA	0.400	0.391	OCT-04	0.418	OCT-05	0.425	OCT-06	Contg	Contg	1.634
System Test Services	C/FFP	SSC-SD GOVT, San Diego, CA	0.500	0.959	OCT-04	1.027	OCT-05	1.044	OCT-06	Contg	Contg	3.530
	C/FFP	Various	7.008	14.088	Various	7.160	Various	3.565	Various	Contg	Contg	31.821
ECM Development Services	C/CPFF	SAIC, Fairfax, VA	3.520	3.439	OCT-04	3.685	OCT-05	3.747	OCT-06	Contg	Contg	14.391
	C/CPFF	BAH, Mclean, VA	4.000	3.908	OCT-04	4.187	OCT-05	4.256	OCT-06	Contg	Contg	16.351
	C/CPFF	FGM, Sterling, VA	3.174	3.101	OCT-04	3.322	OCT-05	3.379	OCT-06	Contg	Contg	12.976
NCES Managed Services	C/FFP	DISA, Falls Church, VA	0.000	9.586	Various	44.902	Various	1.006	Various	Contg	Contg	55.494
	C/FFP, SS/CPFF	Various	1.460	6.157	Various	5.452	Various	1.805	Various	Contg	Contg	14.874
Program Management Support	C/CPFF	Pragmatics, Mclean, VA	1.735	0.000	N/A	0.000	N/A	0.000	N/A	N/A	N/A	1.735
	C/CPFF	MMI, Silver Spring, MD	1.360	1.329	OCT-04	1.424	OCT-05	1.448	OCT-06	Contg	Contg	5.561
	C/CPFF	DSA, Fairfax, VA	3.610	3.527	OCT-04	3.779	OCT-05	3.842	OCT-06	Contg	Contg	14.758
Total			30.267	49.904		79.018		28.241				

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Exhibit R-4 Schedule Profile													Date: February 2005																							
Appropriation/Budget Activity RDT&E, Defense-Wide/07					Net-Centric Enterprise Services (NCES)/PE0303170K										Net-Centric Enterprise Services (NCES) / T57																					
Fiscal Year	2004				2005				2006				2007				2008				2009				2010				2011							
	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	1	2	3	4				
Acquisition Milestones	MS A Increment 1 				MS B 				MS:C 				Updated MS A Increment 2 				MS:B 				MS:C 				Updated MS A Increment 3 				MS B 							
Build Evaluation Capability Module (ECM) Environment Pilot																																				
Test & Integration Staging Environment																																				
ECM Delivery																																				
ECM Test & Integration ECM Compliance Test																																				
ECM Integration Test																																				
Operational Test																																				
Operational Prototype																	Transitions to Phase 1 Production																			
Production Environment Phase 1 Production																																				
Phase 2 Production																																				

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Exhibit R-4a Schedule Detail		DATE: February 2005						
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT	PROJECT NAME AND NUMBER						
RDT&E, Defense-Wide/07	Net-Centric Enterprise Services (NCES)/ PE 0303170K	Net-Centric Enterprise Services (NCES)/T57						
<u>Schedule Profile</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>
Milestone A Decision	3Q							
Milestone B Decision (Inc 1)		4Q						
Milestone C Decision (Inc 1)			4Q					
Update Milestone A Documents (Inc 2)				4Q				
Milestone B Decision (Inc 2)					4Q			
Milestone C Decision (Inc 2)						4Q		
Update Milestone A Documents (Inc 3)							4Q	
Milestone B Decision (Inc 3)								4Q
ECM Pilot Environment								
Identify Sites	1Q							
Purchase Pilot Equipment	1Q							
Set-up Servers on NIPRNET	1-3Q							
Set-up Servers on SIPRNET	1-3Q							
Maintain Environment	4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
Build Test & Integraion Environment								
Identify Sites			1Q					
Purchase RDT&E Equipment			1Q					
Set-up Web Portal Servers			2Q					
Set-up Application Servers			2Q					
Build ECM Staging Environment								
Purchase Staging Equipment			1Q					
Set-up Servers on NIPRNET			2Q					
Set-up Servers on SIPRNET			2Q					

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ECM Delivery								
ECM Development & Acceptance			1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
ECM Delivery			2-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
ECM Compliance Test								
ECM Configuration Management			1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
ECM Integration Test								
Integration Test			2-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
Independent Verification & Validation			2-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
	2-4Q		2-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
	1-4Q							
	1-4Q							
	1-4Q							
	1-4Q							
Performance Stress Test								
Software Trouble Report (STR)								
ECM Operational Test								
Independent Verification & Validation					1Q 4Q			
Operational Test & Evaluation					1Q 4Q			
Certification Test & Evaluation					1Q 4Q			
Performance Stress Test								
Operational Prototype								
Purchase Prototype Equipment			3Q					
Set-up Servers on NIPRNET			4Q	1-3Q				
Set-up Servers on SIPRNET			4Q	1-3Q				
Phase I Production Environment								
Purchase Equipment			3-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
Set-up Servers on CONUS SIPRNET			3-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
Set-up Servers on CONUS NIPRNET			3-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
Set-up Servers on EUCOM SIPRNET			3-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
Set-up Servers on EUCOM NIPRNET			3-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q

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<b>Exhibit R-4a Schedule Detail</b>		<b>DATE:</b> February 2005
<b>APPROPRIATION/BUDGET ACTIVITY</b> RDT&E, Defense-Wide/07	<b>PROGRAM ELEMENT</b> Net-Centric Enterprise Services (NCES)/ PE 0303170K	<b>PROJECT NAME AND NUMBER</b> Net-Centric Enterprise Services (NCES)/T57

<u>Schedule Profile</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>
Phase II Production Environment								
Purchase Equipment					2-4Q	1-4Q	1-4Q	1-4Q
Set-up Servers on CONUS SIPRNET					2-4Q	1-4Q	1-4Q	1-4Q
Set-up Servers on CONUS NIPRNET					2-4Q	1-4Q	1-4Q	1-4Q
Set-up Servers on PACOM SIPRNET					2-4Q	1-4Q	1-4Q	1-4Q
Set-up Servers on PACOM NIPRNET					2-4Q	1-4Q	1-4Q	1-4Q