Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Navy

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

1319: Research, Development, Test & Evaluation, Navy

PE 0605013M: Marine Corps IT Dev/Mod

BA 5: System Development & Demonstration (SDD)

COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	62.381	19.080	12.143	5.564	-	5.564	5.663	6.219	6.240	5.640	Continuing	Continuing
2906: Marine Corps IT	62.381	19.080	12.143	5.564	-	5.564	5.663	6.219	6.240	5.640	Continuing	Continuing

<sup>&</sup>lt;sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

### A. Mission Description and Budget Item Justification

This program establishes, sustains, and continuously refines computing platforms and Information Technology (IT) services as tested, certified and reusable components of a Marine Corps IT framework that spans the range of military operations.

B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	19.461	12.143	10.893	-	10.893
Current President's Budget	19.080	12.143	5.564	-	5.564
Total Adjustments	-0.381	0.000	-5.329	-	-5.329
<ul> <li>Congressional General Reductions</li> </ul>	-	-			
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-			
<ul> <li>Congressional Rescissions</li> </ul>	-	-			
<ul> <li>Congressional Adds</li> </ul>	-	-			
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-			
<ul> <li>Reprogrammings</li> </ul>	-	-			
SBIR/STTR Transfer	-0.381	0.000			
<ul> <li>Program Adjustments</li> </ul>	0.000	0.000	-5.315	-	-5.315
<ul> <li>Rate/Misc Adjustments</li> </ul>	0.000	0.000	-0.014	-	-0.014

## **Change Summary Explanation**

The FY13 and FY14 RDT&E decreases reflect DoD wide cost reduction efforts for IT Efficiencies while continuing critical developments with a cost effective schedule.

PE 0605013M: Marine Corps IT Dev/Mod UNCLASSIFIED

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<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy

APPROPRIATION/BUDGET ACTIVITY

1319: Research, Development, Test & Evaluation, Navy
BA 5: System Development & Demonstration (SDD)

R-1 ITEM NOMENCLATURE
PE 0605013M: Marine Corps IT Dev/Mod
2906: Marine Corps IT

COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
2906: Marine Corps IT	62.381	19.080	12.143	5.564	-	5.564	5.663	6.219	6.240	5.640	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0		0	0	0	0	0		

<sup>\*</sup>FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

### A. Mission Description and Budget Item Justification

DEFENSE MESSAGE SYSTEM (DMS) and follow-on/replacement systems, as directed by the Joint Staff and HQMC Command, Control, Communications and Computers (C4), meet the organizational messaging requirement for all classification levels from GENSER through Top Secret/Sensitive Compartmented Information (TS/SCI). Telos Automated Message Handling System (AMHS) is the current implementation that provides Web-interface for system administration and for user messaging (including readers). Organizational messages are used to direct and commit resources, provide user authentication, non-repudiation, confidentiality, and integrity. It also maintains an archive and retrospective search capability to the warfighter and requires security at the Class 4 level (currently implemented with Fortezza and Certificate Authority Workstations). The Defense Information Systems Agency (DISA) is the lead agency and Global System Manager (GSM) for DMS products. The Department of Defense Intelligence Information System (DODIIS) is the Operations Manager for the Intelligence Community (IC) to support TS/SCI messaging. Within the Marine Corps, there are two distinct acquisition efforts to field DMS to strategic and tactical communication centers to all classification levels. Additionally ongoing efforts at the service and DISA level to transition from the DMS system to alternative mechanisms for the transfer of organizational information. Authorized Acquisition Objective (AAO) 100. FY12 R&D for DMS will continue research and analysis through 2012 to assist in the transition to the next generation DMS occurring between FY12-15 in order to test and certify possible organizational messaging solutions/capabilities that are DISA compliant. Additionally, DMS will research the feasibility of the migrating all Marine Corps organizational messaging capabilities into MCEITS.

MARINE CORPS TRAINING INFORMATION MANAGEMENT SYSTEM (MCTIMS) replaced the mainframe program By Name Assignment, which managed all Marine Corps school seats and interfaced with other service's school seat management programs. MCTIMS is the Marine Corps' official program of record for training and education management and is the single data source which the Training and Education Command relies on to manage training personnel, training seats, students, and other training resources. MCTIMS is the enterprise application upon which standards based instruction, education, and training is built, delivered, tracked, and evaluated. MCTIMS is establishing the unit training management module for all ground forces. This module will provide commanders an enterprise level application, which brings standardization in planning and scheduling training, recording of training against units and individual Marines, provides training assessments and reports combat readiness to Department of Defense (DOD) systems. FY13 funding is planned for development of Calendar Based Scheduling Module. FY14 funding is planned for Development of Enhanced Registration capability of Marines/Students and a Prerequisite and Registration Screening Tool.

MANPOWER OPERATIONS SYSTEMS (MOS) is a portfolio of enterprise IT systems and modules that support manpower business operations for the Total Force (active and reserve). The investment in the portfolio improves dataflow and increases reliability, functionality, and accuracy of data while reducing the manpower

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy	DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
1319: Research, Development, Test & Evaluation, Navy	PE 0605013M: Marine Corps IT Dev/Mod	2906: Marine Corps IT
RA 5: System Development & Demonstration (SDD)		

required to operate and maintain these systems/operations. Development is partially driven by regulatory and policy changes mandated by Congress, DOD, Department of the Navy (DON), and United States Marine Corps (USMC). These systems support all five tiers of Manpower: 1) Individual Marine, 2) Small Unit Leader; 3) Unit, 4) Installation Personnel Administration Center (IPAC)/Disbursing Echelon, and 5) Headquarters Marine Corps (HQMC) Manpower and Reserve Affairs (M&RA)/ Defense Finance and Accounting Service. The MOS portfolio provides support in functional areas such as permanent change of station assignments, retention, mobilization, manpower planning, line of duty determination, personnel accountability, individual augmentation, personnel records management and maintenance, management of case incidents, civilian professional development planning, pay entitlement determinations, promotion and performance evaluations and self service/visibility of personnel data. MOS programs interface with other systems to provide manpower data and web services functionality for pay and personnel transactions between systems. Systems in the portfolio include the Web-enabled Manpower Assignment Support System (WebMASS), Performance Evaluation System (PES), Total Force Retention System (TFRS), Optical Digital Imaging - Records Management System (ODI-RMS), Manpower Mobilization Assignment System (MMAS), and the Total Force Administration System (TFAS) (composed of the Secure Personnel Accountability (SPA) Module, and the Drill Management Module (DMM). No additional system development is anticipated in FY14.

MARINE CORPS ENTERPRISE INFORMATION TECHNOLOGY SERVICES (MCEITS) will provide an overarching portfolio of capabilities to deliver ""Power to the Edge"" for the Marine Corps. Born from an effort to establish a Continuity of Operations Plan of HQMC Automated Information Systems, MCEITS will realign the existing USMC environment of applications, databases, networks, and facilities into an integrated architecture of programs to deliver new information technology capabilities based on a common infrastructure and shared services. MCEITS is a unifying framework of both the Net-Centric Enterprise Services (NCES) to be delivered, and the infrastructure and systems which must be deployed to enable delivery of those services. Initially it will encompass the Operational, Technical, and Systems architectures of the garrison environment. However, ultimately it will extend to transform Command and Control (C2) both in garrison and in the deployed environment. Combined with policy, procedure and standards provided by HQMC (C4), MCEITS will allow for architectural standardization, consolidated management, and seamless interoperability of and access to the data residing in currently fielded applications (business and tactical). Testing efforts will be focused on MCEITS Portal and MCEITS provided services operating within a Service Oriented Architecture environment. MCEITS will ensure the ability to host services and applications in a Web Services enabled environment. MCEITS will also ensure NCES services are able to be federated throughout the Marine Corps to include Content Discover and Delivery, Collaboration and Text Chat, between the service consumer and provider. FY13 for MCEITS will focus on completion of Incremental II (provides high availability, disaster recovery, and operational continuity for USMC data systems) integration and testing in preparation for Full Operational Capability (FOC) in FY14 with continued Planned Product Improvements (P3I) efforts.

MANPOWER PLANNING SYSTEMS (MPS) is a portfolio consisting of two systems; the legacy Manpower Models and the Total Force Data Warehouse (TFDW). This portfolio provides the tools and data to support the creation of active and reserve modeling of accession, recruiting, training, classification, retention, promotion, mobilization, distribution, and assignment plans. The funding in MPS will provide the technical solution for process improvement and will strategically align manpower systems/functional process with the C4 architecture. MPS interfaces with other systems to utilize manpower data in model analysis and future year planning efforts. No additional system development is anticipated in FY14.

MARINE CORPS RECRUITING INFORMATION SUPPORT SYSTEM (MCRISS) is an enterprise level system to automate administrative procedures for the recruiting station operations. This customized automated System, centered on procedures in the Guidebook for Recruiters, Volume I, dramatically improves efficiency and effectiveness in Marine Corps recruiting. Furthermore, Military Entrance Processing Command requires Marine Corps recruiting to provide information in electronic

Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy	DATE: April 2013	
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BA 5: System Development & Demonstration (SDD)		

format only. MCRISS is the Marine Corps Recruiting Command's program to manage applicant processing from commitment to accession/commission into the Marine Corps and Marine Corps Reserve. This enterprise approach allows for efficient sharing of information about potential recruits and recruiter screening efforts, yielding a more cost effective process. In FY13, funding supports development of the Recruiter Client Program. FY14 funding supports Design and development of Manning Level Structure Analysis Tool.

TOTAL FORCE STRUCTURE MANAGEMENT SYSTEM (TFSMS) is the Marine Corps authoritative data source for force structure data and provider of the Marine Corps Tables of Organization and Equipment. TFSMS defines present and future Marine Corps force structure, establishes the Marine Corps baseline for readiness reporting, justifies resource requirements and allocation and enables Marine Corps compliance with the Joint Staff and Office of the Secretary Defense initiative to standardize force structure representation by providing the Marine Corps Global Force Management (GFM) Organizational Server. Increment II development began in FY11 with the first major software release of Increment II to occur in FY12. The TFSMS Increment II Capability Development Document (CDD) defines the requirements and expectations for Initial Operational Capability (IOC) and Full Operational Capability (FOC). FOC is scheduled for FY16. FY12 R&D for TFSMS includes the first Increment II software release for the Systems Integration efforts, v3.0 released in 4th Qtr FY12 and second release of Increment II software is scheduled for 4th Qtr FY13 and additional GFM capabilities. System Integration efforts will continue. There is no RDTEN funding for this effort in FY13 and FY14.

DEFENSE READINESS REPORTING SYSTEM (DRRS-MC) is the next generation of Marine Corps authoritative system for force registration and readiness reporting. The DRRS-MC is a web-based and net-centric system providing readiness reporting via the NetUSR-MC (input) tool, enabling units to register and report their training, equipment (including Chemical, Biological, Radiological and Nuclear [CBRN]); personnel; missions and mission essential tasks (METs) readiness status. The Marine Readiness Management Output Tool (MRMOT) allows users to view current and historical readiness information using graphical user interface screens to efficiently display information. MRMOT is an executive information system in that it begins at a summary level and allows a "drill-down" capability to access detailed readiness information. FY12 - FY14 funding will also support the GFM Data Initiative to consume Force Structure from Marine Corps Org Server (MCOS); conduct mapping, link and maintain OUID and UIC relationships.

PAPERLESS OFFICE/ACQUISITION (PA) funding supports development and enhancement of Purchase Request (PR) Builder which is the Marine Corps enterprise solution for the electronic generation of purchase requests and serves as the front-end system for feeding the DOD enterprise contracting writing system SPS. Development and enhancement of PR Builder is required to ensure financial and contracting functional requirements and Marine Corps business processes are developed, designed, tested and implemented within the system. PR Builder is also undergoing requirements definition and estimation for v4.4. Once these requirements are delivered to the Program Manager (PM) from the service integrators, modifications to the contract to support the requirements will be initiated. Future DOD, DON, and USMC initiatives that will need to be researched and developed include support or adherence to: Standard Financial Information Structure, Financial Data in Procurement, UCore, Business Enterprise Architecture, USMC Financial Improvement Initiative, Naval Facilities Engineering Command to USMC contract/obligation interface.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014	
Title: DEFENSE READINESS REPORTING SYSTEM-MARINE CORPS (DRRS-MC)	1.416	0.398	0.400	
Articles:	0	0	0	
Description:				

Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy		DAT	<b>E:</b> April 2013		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: System Development & Demonstration (SDD)	PROJECT 2906: Marine Co	JECT Marine Corps IT			
B. Accomplishments/Planned Programs (\$ in Millions, Article Q	uantities in Each)	FY 2012	FY 2013	FY 2014	
FY 2012 Accomplishments: Continued Phase III development and enhancements, Testing with a	Joint Interoperability Test Command (JITC).				
FY 2013 Plans: Continue testing with JITC and Defense Information Systems Agend	cy (DISA).				
FY 2014 Plans: Will continue testing with DISA and integration of Cross Domain Sol	lution (CDS).				
Title: DEFENSE MESSAGE SYSTEM (DMS)	Ai	0.5	0.663	0.489 0	
Description:					
FY 2012 Accomplishments:  Conducted research and analysis to assist in the transition to the nead certify possible organizational messaging solutions/capabilities		to test			
FY 2013 Plans:  DMS will continue to conduct research and analysis to assist in the FY12-15 in order to test and certify possible organizational messagi		1			
FY 2014 Plans:  DMS will continue to conduct research and analysis to assist in the FY12-15 in order to test and certify possible organizational messagi DMS will research the feasbility of the migrating all Marine Corps or	ng solutions/capabilities that are DISA compliant. Addition				
Title: MARINE CORPS TRAINING INFORMATION MANAGEMENT	,	0.0	0.656	0.527 0	
Description:					
FY 2013 Plans: Development of Calendar Based Scheduling Module.					
FY 2014 Plans: Development of Enhanced Registration capability of Marines/Studer	nts and a Prerequisite and Registration Screening Tool.				
Title: MANPOWER OPERATIONS SYSTEMS (MOS)	Aı	4.4	3.900 0 0	0.000	

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy			DATE: A	April 2013		
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1319: Research, Development, Test & Evaluation, Navy BA 5: System Development & Demonstration (SDD)	PE 0605013M: Marine Corps IT Dev/Mod	2906:	6: Marine Corps IT			
B. Accomplishments/Planned Programs (\$ in Millions, Article (	Quantities in Each)		FY 2012	FY 2013	FY 2014	
FY 2012 Accomplishments:  MASS reengineering development; DMM MCMEDS development;  Management Systems (RTAMMS) requirements analysis, design a design; MOS Oracle 11g upgrade.		s and				
FY 2013 Plans: Continue DMM RTAMMS design and development as well as Pape	erless Forms Services development.					
Title: MARINE CORPS ENTERPRISE INFORMATION TECHNOL		rticles:	6.231 0	5.871 0	3.373 0	
Description:						
<b>FY 2012 Accomplishments:</b> Performed integration and testing of second Enterprise Information recovery, and operational continuity for USMC data systems in pre P3I efforts.	• , , ,					
FY 2013 Plans: Continue integration and testing of second Enterprise Information recovery, and operational continuity for USMC data systems in pre P3I efforts for Expeditionary and Distributed Platforms development	paration for Full Operational Capability (FOC) with continuous					
FY 2014 Plans:						
Continued P3I efforts for Expeditionary and Distributed Platforms of	levelopment and design.		0.000	0.508	0.000	
Title: PAPERLESS ACQUISITION (PA)	Aı	rticles:	0.000	0.506	0.000	
Description:						
FY 2013 Plans: Research and development including support or adherence to: Sta Procurement, Ucore, Business Enterprise Architecture, USMC Fina Command to USMC contract/obligation interface, Seaport-e to USI	ancial Improvement Initiative, Naval Facilities Engineering	1				
Title: MARINE CORPS RECRUITING INFORMATION SUPPORT	` ,	rticles:	1.304 0	0.147 0	0.775 0	

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APPROPRIATION/BUDGET ACTIVI 1319: Research, Development, Test BA 5: System Development & Demo	& Evaluation,	•			<b>EM NOMEN</b> 05013M: <i>Me</i>	CLATURE arine Corps I	T Dev/Mod	<b>PROJ</b> l 2906:	ECT Marine Corps	s IT		
B. Accomplishments/Planned Prog	g <u>rams (\$ in N</u>	Millions, Art	ticle Quantit	ies in Each)	1				FY 2012	FY 2013	FY 2014	
Description:												
FY 2012 Accomplishments: Performed design, development and	implementat	ion of Recru	iiter Client Pr	ogram and N	MCRISS Tra	ining Site.						
FY 2013 Plans: Design, development and implement	tation of Miss	ion Planning	g Tool.									
FY 2014 Plans: Design and development of Manning	Level Struct	ure Analysis	s Tool.									
Title: TOTAL FORCE STRUCTURE	MANAGEME	ENT SYSTE	M (TFSMS)				A	rticles:	2.554 0	0.000	0.000	
Description:												
FY 2012 Accomplishments: Performed Increment II Release 1 de	evelopment a	nd deploym	ent.									
Title: MANPOWER PLANNING SYS	STEM (MPS)						A	rticles:	2.614 0	0.000	0.000	
Description:												
FY 2012 Accomplishments: Continued Legacy Models reenginee	ering/moderni	zation effort	s; TFDW cap	<u> </u>								
				Accon	nplishments	s/Planned P	rograms Su	btotals	19.080	12.143	5.564	
C. Other Program Funding Summa	ary (\$ in Milli	ons)								_		
Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 201	7 FY 2019	Cost To Complete		
PMC/463000-MCRISS: Marine Corps Recruiting Information Support System (MCRISS)	0.100	0.080	0.060	<u>555</u>	0.060	0.060	0.060	0.06		2 Continuing		
RDTE/4043-TFSMS: Total Force Structure Management System (TFSMS)	0.000	0.000	0.035		0.035	0.215	0.000	0.00	0.000	) Continuing	Continuing	

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## C. Other Program Funding Summary (\$ in Millions)

C. Other Frogram Funding Summa	ıy (ə ili ivilili	<u>0115)</u>									
			FY 2014	FY 2014	FY 2014					<b>Cost To</b>	
Line Item	FY 2012	FY 2013	<u>Base</u>	OCO	<u>Total</u>	FY 2015	FY 2016	FY 2017	FY 2018	Complete	<b>Total Cost</b>
• PMC/463000-DMS: <i>Defense</i>	0.000	0.629	0.889		0.889	1.731	2.673	1.766	1.798	Continuing	Continuing
Message System											
PMC/463000-MOS: Manpower	0.183	0.000	0.000		0.000	0.000	0.186	0.000	0.000	Continuing	Continuing
Operations Systems											
PMC/463000-MCEITS: Marine	34.696	22.412	25.834		25.834	10.387	11.500	11.920	12.135	Continuing	Continuing
Corps Enterprise IT Services											
PMC/463000-PA: Paperless	0.000	0.000	0.250		0.250	0.000	0.123	0.000	0.123	Continuing	Continuing
Office/Acquisition											
PMC/463000-TFSMS: Total Force	0.016	0.000	0.573		0.573	0.000	3.923	0.000	0.000	Continuing	Continuing
Structure Management System	0.040	4.450	0.775		0.775		1 00 1	4 000	4.050	0.000	0.440
PMC/461700-MOS: Manpower	2.640	1.156	0.775		0.775	1.444	1.004	1.039	1.058	0.000	9.116
Operations Systems	4 200	0.000	0.647		0.647	0.000	0.000	0.000	0.000	0.000	E 02E
PMC/461700-TFSMS: Total Force     Structure Management System	4.388	0.000	0.647		0.647	0.000	0.000	0.000	0.000	0.000	5.035
Structure Management System (TFSMS)											
• PMC/461700-DRRS: <i>Defense</i>	0.120	0.053	0.153		0.153	0.000	0.000	0.000	0.000	0.000	0.326
Readiness Reporting System	0.120	0.055	0.155		0.133	0.000	0.000	0.000	0.000	0.000	0.320
(DRRS)											
• PMC/461700-MPS: <i>Manpower</i>	0.289	0.295	0.295		0.295	0.312	0.317	0.215	0.219	0.000	1.942
Planning Systems	0.200	0.200	0.200		0.200	0.012	0.017	0.210	0.210	0.000	1.042
• PMC/463500-DMS: Defense	2.200	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	2.200
Message System	2.200	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	2.200

#### Remarks

Navy

## D. Acquisition Strategy

DEFENSE MESSAGE SYSTEM (DMS) is a Joint Acquisition Category (ACAT) IAM program. It is Assistant Secretary Defense Command, Control, Communication and Intelligence mandated. Each year the Joint Interoperability Test Command runs Operational Test (OT) assessments on DMS software versions and maintenance releases. Marine Corps participation is vital to ensuring that the implementation of DMS is interoperable with all DOD CINCs, services, and agencies. Furthermore, as follow-on organizational messaging solutions for DMS are being identified, materiel solution analysis activities will be conducted.

MARINE CORPS TRAINING INFORMATION SYSTEM (MCTIMS) will utilize an evolutionary strategy with incremental development methodology. MCTIMS is structured in a module format that allows for phasing of development without having to reengineer the entire system to add significant new capability. MCTIMS utilizes

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a firm-fixed price contracting strategy to reduce risk to the government. MCTIMS is a fully integrated system, emphasizing code re-use between modules to reduce cost and improve program stability.

MANPOWER OPERATIONS SYSTEMS (MOS) within this portfolio follow an Evolutionary Acquisition (EA) approach: 1. Define, develop, and deliver an initial or "core" capability based on mature technology. 2. "Core" capability will be incrementally improved over an extended period of time. Incremental Development Model: 1. Iterative cycles of requirements definition, design, build and evaluation. The contracting strategy across the portfolio is to utilize competitive firm-fixed price contracts.

MARINE CORPS ENTERPRISE INFORMATION TECHNOLOGY SERVICES (MCEITS) will be implemented using an EA strategy. Two blocks of capability will be fielded with each block providing an operationally effective and suitable capability in the shortest time possible. The program will deliver an initial capability and continue integration and production of the system to provide full capability over time. The objective is to balance needs with available commercial and government solutions and resources, and to put capability into the hands of the users quickly. This strategy is supported by an Indefinite Delivery Indefinite Quantity contracting vehicle which will allow the contractor to provide the full range of capabilities, services and solutions necessary to satisfy the requirements through incremental implementation of technology, processes and capabilities. Capabilities will be incrementally provided through the use of individual task orders to ensure technology and services are inserted according to the overall program goals, user requirements and program schedule.

PAPERLESS ACQUISITION (PA) will use an incremental development methodology utilizing short development periods. The contracting strategy is to use a firm-fixed price contract to reduce risk to government, with additional capabilities defined by a Marine Corps Configuration Control Board and delivered to the service integrator as a modification to the contract. The delivery of small functional capabilities allows for measurable enhancements to the base system while keeping Post Deployment System Support costs relatively low.

MANPOWER PLANNING SYSTEMS (MPS) within this portfolio follow an Evolutionary Acquisition (EA) approach: 1. Define, develop, and deliver an initial or "core" capability based on mature technology. 2. "Core" capability will be incrementally improved over an extended period of time. Incremental Development Model: 1. Iterative cycles of requirements definition, design, build and evaluation. The contracting strategy across the portfolio is to utilize competitive firm-fixed price contracts.

MARINE CORPS RECRUITING INFORMATION SUPPORT SYSTEM (MCRISS) capitalizes on centrally located data with secure web and wireless web enabled entry. MCRISS utilizes a modular/incremental development to maintain system operability while providing continued development. Contracting strategy includes competitive firm-fixed price contracts.

TOTAL FORCE STRUCTURE MANAGEMENT SYSTEMS (TFSMS) is an EA program currently comprised of two blocks/increments. TFSMS is a web-based application built upon an Oracle/Cognos infrastructure and currently residing on the G-6 Data Center in Marine Corps Base, Quantico. TFSMS currently has over 14,000 users. Block 1 is defined by a Capabilities Production Document (CPD) that was approved by the Marine Corps Requirements Oversight Council (MROC) 9 Apr 08. TFSMS Block 1 Full Operational Capability (FOC) was met by completing development, testing and fielding of a transactional user web-based training capability to replace the current interim Instructor-led training which consists of a two-day Equipment Class and a two-day Structure Class taught locally twice each month. Increment II CDD was approved by the MROC 20 Nov 2009 (DM 07-2010). CPD approved by MROC on 3 Jul 2012 (DM 51-2012). Increment II capabilities

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include civilian billets, improved AAO calculations and fielding plan capability providing the Marine Corps with the ability to have a consolidated force structure picture. Increment II FOC is scheduled for FY16.

DEFENSE READINESS REPORTING SYSTEM -MARINE CORPS (DRRS-MC) will use an EA strategy. DRRS-MC will consist of three phases: 1. Provide basic readiness reporting capabilities for both the input tool and output tool 2. Provide for auto-population and enhanced trending capabilities. 3. Additional system interfaces and a cross-domain solution. The DRRS-MC software architecture is based on commercial products used throughout Government and Industry. The supporting products, underlying technologies and technical skills are not unique and are readily available. There are no limitations within industry to prevent any interested sources from submitting a proposal. Many of the corporations providing enterprise solutions to the USMC, DON and DoD are potential sources as the DRRS-MC Systems Integrator.

#### **E. Performance Metrics**

Milestone Reviews

PE 0605013M: Marine Corps IT Dev/Mod

Navy

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Navy

**R-1 ITEM NOMENCLATURE** 

**PROJECT** 

1319: Research, Development, Test & Evaluation, Navy BA 5: System Development & Demonstration (SDD)

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PE 0605013M: Marine Corps IT Dev/Mod

2906: Marine Corps IT

DATE: April 2013

FY 2014 FY 2014 FY 2014 **Product Development (\$ in Millions)** FY 2012 FY 2013 Base oco Total Contract Target Method Performing All Prior Award Award Award Award **Cost To** Total Value of **Cost Category Item** & Type Activity & Location Years Cost Date Date Cost Date Cost Date Complete Cost Contract Cost Cost MCFITS PM TASK C/IDIQ GD:Needham, MA 10.700 0.000 0.000 0.000 0.000 0.000 10.700 TFSMS -Dev C/FPIF SAIC:McLean, VA 15.357 1.403 Jan 2013 0.000 0.000 0.000 0.000 16.760 C/FPIF SAIC:Dumfries. VA 0.793 Aug 2012 0.000 0.000 DRRS - Svs Integrator Dev 0.000 0.000 Continuing Continuing Continuing MCRISS Dev Task 0.000 Continuing Continuing Continuing C/FP CGI:Arlington, VA 2.666 0.000 0.000 0.000 MOS App Dev Efforts C/FP Various: Various 3.736 0.000 0.000 0.000 0.000 Continuing Continuing Continuing GD/GSA:Needham, MCEITS P3I Tasks C/IDIQ 0.000 3 055 0.000 0.000 Continuing Continuing Continuing Jul 2012 0.000 MA/Kansas City MO MCEITS P3I Tasks C/IDIQ SAIC:McLean VA 0.000 0.000 Jul 2013 2.000 Jun 2014 2.000 Continuing Continuing Continuing 3.288 MCEITS Distributed Eng SPAWAR:Charleston WR 0.000 0.000 Continuing Continuing Continuing 1.381 Apr 2012 0.927 Jan 2013 0.000 Dev Deloitte:Alexandria, C/FFP 0.000 Paperless Ofc Acq Dev 0.000 0.508 Aug 2013 0.000 0.000 Continuing Continuing Continuing MCTIMS Calendar Based C/FP TBD:TBD 0.000 0.000 0.656 Apr 2013 0.000 0.000 0.000 0.656 Scheduling Module MOS MASS InfoReliance:Fairfax C/FP 1.929 0.303 Jul 2012 0.000 0.000 0.000 0.000 2.232 Reengineering MOS DMM MCMEDS InfoReliance:Fairfax C/FP 0.536 0.000 0.000 0.000 0.536 0.000 0.000 Development MOS DMM RTAMMRS InfoReliance:Fairfax C/FP 0.000 0.873 May 2012 0.945 Mar 2013 0.000 0.000 0.000 1.818 VA Development MOS SURVIAC C/FP TBD:TBD 0.000 1.500 Jul 2013 0.000 0.000 0.000 0.000 1.500 Requirements Contract MOS SPA enhancements/ InfoReliance:Fairfax C/FP 0.000 1.772 0.000 1.772 Jul 2013 0.000 0.000 0.000 NIPR Instance MPS TFDW Upgrade C/FP TBD:TBD 0.000 0.000 0.300 0.000 0.300 Sep 2013 0.000 0.000 MPS Legacy Models C/FP TBD:TBD 0.667 1.608 Sep 2013 0.000 0.000 0.000 0.000 2.275 Modernization MCRISS Training Site C/FP TBD:TBD 0.217 0.650 Apr 2013 0.000 0.000 0.000 0.000 0.867 Development MCRISS Recruiter Client C/FP TBD:TBD 0.000 0.654 Apr 2013 0.000 0.000 0.000 0.000 0.654 Development

PE 0605013M: Marine Corps IT Dev/Mod

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Navy

R-1 ITEM NOMENCLATURE

**PROJECT** 

APPROPRIATION/BUDGET ACTIVITY
1319: Research, Development, Test & Evaluation, Navy

PE 0605013M: Marine Corps IT Dev/Mod

2906: Marine Corps IT

DATE: April 2013

1319: Research, Development, Test & Evaluation, Nav. BA 5: System Development & Demonstration (SDD)

Product Developmen	,		Development (\$ in Millions)				2012	FY 2	2013	FY 2 Ba	2014 ise	FY 2		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
DMS	C/FFP	TBD:TBD	0.000	0.323	Jun 2013	0.000		0.259	Dec 2013	-		0.259	0.000	0.582			
MCRISS Mission Planning Tool	C/FP	TBD:TBD	0.000	0.000		0.147	Apr 2013	0.000		-		0.000	0.000	0.147			
MOS Service Oriented Architecture Prototype Development	C/FFP	TBD:TBD	0.000	0.000		2.955	Aug 2014	0.000		-		0.000	0.000	2.955			
MCTIMS Enhanced Registration of Marines/ Students	C/FP	TBD:TBD	0.000	0.000		0.000		0.527	Feb 2014	-		0.527	0.000	0.527			
DRRS-MC New Dev Int of DMS	C/FPIF	TBD:TBD	0.000	0.000		0.173	Jun 2013	0.000		-		0.000	0.000	0.173			
MCRISS Manning Level Structure Analysis Tool	C/FP	TBD:TBD	0.000	0.000		0.000		0.775	Apr 2014	-		0.775	0.000	0.775			
DRRS-MC Systems Integrator	C/FPIF	SAIC:Dumfries, VA	0.000	0.322	Mar 2012	0.000		0.000		-		0.000	0.000	0.322			
		Subtotal	35.808	14.937		9.599		3.561		0.000		3.561					

Support (\$ in Million	. ,			FY 2	2012	FY 2	2013	FY 2 Ba	2014 ise	FY 2		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To	Total Cost	Target Value of Contrac
MCEITS RDT&E Management	C/FP	Jacobs:Dumfries, VA	6.474	0.000		0.000		0.000		-		0.000	0.000	6.474	
Various	Various	Various:Various	10.239	0.000		0.000		0.000		-		0.000	0.000	10.239	
MPS	C/FP	SPAWAR:Charleston SC	0.200	0.000		0.000		0.000		-		0.000	0.000	0.200	
DMS Materiel Decision Development Support	C/FFP	CASK:Stafford VA	0.000	0.188	Dec 2011	0.660	Dec 2012	0.000		-		0.000	0.000	0.848	
TFSMS HSI Support	WR	NSWC:Dahlgren VA	0.000	0.100	Dec 2011	0.000		0.000		-		0.000	0.000	0.100	
DMS MCEITS Migration Study	C/FFP	TBD:TBD	0.000	0.000		0.000		0.225	Dec 2013	-		0.225	0.000	0.225	

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R-1 Line #129

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Navy

R-1 ITEM NOMENCLATURE

**PROJECT** 

1319: Research, Development, Test & Evaluation, Navy BA 5: System Development & Demonstration (SDD)

APPROPRIATION/BUDGET ACTIVITY

PE 0605013M: Marine Corps IT Dev/Mod

2906: Marine Corps IT

DATE: April 2013

Support (\$ in Million	s)			FY 2	2012	FY 2	2013	FY 2 Ba		FY 2	2014 CO	FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
TFSMS Support	C/FFP	Information Network Sys:Cherry Hill, NJ	1.745	0.496	Jun 2012	0.000		0.000		-		0.000	0.000	2.241	
TFSMS Support	C/FFP	Information Newtork Sys:Cherry Hill, NJ	0.000	0.916	Jun 2013	0.000		0.000		-		0.000	0.000	0.916	
DRRS Program Support	C/FFP	Information Network Sys:Cherry Hill, NJ	0.000	0.180	Jun 2012	0.000		0.000		-		0.000	0.000	0.180	
		Subtotal	18.658	1.880		0.660		0.225		0.000		0.225	0.000	21.423	

Test and Evaluation (\$ in Millions)			FY 2	2012	FY 2	2013		2014 ise	FY 2	2014 CO	FY 2014 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To	Total Cost	Target Value of Contract
MCEITS	Various	Various:Not Specified	7.915	1.292	Feb 2012	1.138	Feb 2013	0.775	Feb 2014	-		0.775	Continuing	Continuing	Continuing
DMS JITC PRT Dues	C/FFP	DISA:Baltimore MD	0.000	0.002	Dec 2011	0.003	Dec 2012	0.005	Dec 2013	-		0.005	Continuing	Continuing	Continuinç
DRRS-MC JITC IV&V testing	MIPR	JITC:Quantico VA/ Baltimore MD	0.000	0.050	Jun 2012	0.100	Jan 2013	0.100	Jul 2014	-		0.100	Continuing	Continuing	Continuing
TFSMS MCOTEA/JITC IV&V testing	MIPR	MCOTEA/ JITC:Quantico VA/ Baltimore MD	0.000	0.190	Mar 2013	0.000		0.000		-		0.000	0.000	0.190	
DRRS-MC DISA testing	MIPR	DISA:Baltimore MD	0.000	0.000		0.125	Apr 2013	0.300	Mar 2014	-		0.300	0.000	0.425	;
DRRS-MC IV&V	C/FFP	CASK Tech:San Diego, CA	0.000	0.046	Sep 2012	0.000		0.000		-		0.000	0.000	0.046	i
MCEITS Modeling & Simulation	C/FFP	TSC:Silver Spring MD	0.000	0.503	Aug 2012	0.518	Aug 2013	0.598	Aug 2014	-		0.598	Continuing	Continuing	Continuing
DRRS-MC JITC IV&V Testing	MIPR	DISA:Baltimore, MD	0.000	0.025	Sep 2012	0.000		0.000		-		0.000	0.000	0.025	;
TFSMS MCOTEA/JITC	MIPR	MCOTEA/ JITC:Quantico VA/ Baltimore MD	0.000	0.155	Jan 2012	0.000		0.000		-		0.000	0.000	0.155	
		Subtotal	7.915	2.263		1.884		1.778		0.000		1.778			

PE 0605013M: Marine Corps IT Dev/Mod Navy

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Navy			DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	<b>PROJECT</b>	
1319: Research, Development, Test & Evaluation, Navy	PE 0605013M: Marine Corps IT Dev/Mod	2906: Mari	ne Corps IT
BA 5: System Development & Demonstration (SDD)			

	All Prior Years	FY 2	012 FY 2		-	2014 FY 2014 CO Total	Cost To	Total Cost	Target Value of Contract
Project Cost Totals	62.381	19.080	12.143	5.564	0.000	5.564			

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2014 Navy

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE PROJECT

1319: Research, Development, Test & Evaluation, Navy
BA 5: System Development & Demonstration (SDD)

PE 0605013M: Marine Corps IT Dev/Mod
2906: Marine Corps IT

MCEITS Program Schedule

PE 0605013M, MCPC 500306

Capabilities / Re Developmen		N		l Solutio Hysis	on				nology opmen				B			Manuf opment		ng			Production & Deployment							Operations & Support				
Fiscal Year		F۱	Y11			FY	12			F۱	/13			FY	14			F۱	15			F	/16			F۱	/17			FY	18	
Quarter	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Acquisition/Milestone Events			MS C	IOC			<u> 1</u>	SIE/UE ATO								F	OC				5 Sys	tems	Life (	Cycle gratio	Susta Susta Lenv	i <b>nm</b> e ironn	ent      nent (					

DATE: April 2013 Exhibit R-4A, RDT&E Schedule Details: PB 2014 Navy APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE **PROJECT** 

1319: Research, Development, Test & Evaluation, Navy 2906: Marine Corps IT PE 0605013M: Marine Corps IT Dev/Mod BA 5: System Development & Demonstration (SDD)

## Schedule Details

	Sta	art	Eı	nd
Events by Sub Project	Quarter	Year	Quarter	Year
Proj 2906				
Increment 1 Full Operational Capability (FOC) (MCEITS)	4	2014	4	2014