

Exhibit R-2, RDT&E Budget Item Justification									DATE: February 2002	
APPROPRIATION/BUDGET ACTIVITY RDT&E, Defense-Wide/05					R-1 ITEM NOMENCLATURE Electronic Commerce/ PE 0305840K					
COST (in millions)		FY01	FY02	FY03	FY04	FY05	FY06	FY07	Cost to Complete	Total Cost
Electronic Commerce/EC01		27.343	25.236	24.265	18.527	15.942	16.106	16.472	Contg	Contg
<p>A. <u>Mission Description and Budget Item Justification:</u> In November 1997, the Deputy Secretary of Defense published the Defense Reform Initiative (DRI) which identified the need to promulgate electronic business operations throughout the DOD. To foster the increased application of Electronic Business/Electronic Commerce (EB/EC) across the Department, Defense Reform Initiative Directive (DRID) #43 was issued to establish the overall direction of the DOD Joint Electronic Commerce Program initiative as well as formally establish the Joint Electronic Commerce Program Office (JECPO). Furthermore, the DOD Chief Information Officer (CIO) has developed a cohesive set of guiding principles, goals, objectives, and strategies to promote EB/EC as a complementary business process throughout the functional areas of the Department. The DOD EB/EC strategic guidance and vision can be found in the DOD EB/EC Strategic Plan. It sets forth the summary level direction the Department must take to implement EB/EC in support of its global mission. Since May 1998, JECPO has focused its efforts on EB/EC tools and applications that exhibit joint interoperability and support cross-functional business processes that have been re-engineered to exploit EC technologies. Current programs have been categorized into the work areas of applications and engineering. This program element is under Budget Activity 5 because it involves the development of major upgrades that increase the performance of existing systems.</p>										
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<p><u>FY 2001 Accomplishments:</u></p> <p>Central Contractor Registration (CCR) - The CCR is a web-based system that is the primary repository for vendor data required for conducting business with the DOD. The CCR database currently consists of procurement and financial information as well as trading partner data required to do business electronically with the government. The purposes of the database are to allow the DOD to more efficiently comply with the Debt Collection Improvement Act of 1996; to simplify and streamline procurement by reducing duplicate requirements and processes; and to increase visibility of vendor sources for specific goods and services. Contractors are only required to register in the database one time with annual renewals. (1st Qtr - 4th Qtr; \$3.804M).</p> <p>DOD Business Opportunities (DODBusOpps) - The DOD Business Opportunities Model is a web-based system, which provides a single search mechanism for vendors to review DOD on-line solicitations. Each of the Defense Services/Agencies provides links through their own web-based systems and to DOD Business Opportunities. (1st Qtr - 4th Qtr; \$2.755M).</p> <p>Electronic Document Access (EDA) - EDA is a web-based system that provides on-line storage and retrieval of post award contracts, contract modifications, personal property, freight Government Bills of Lading (GBLs), and vouchers. Documents are stored in a compressed text format. The combined use of this format with Internet technology provides a mechanism to electronically store and retrieve large volumes of information across the existing communication networks. EDA capitalizes on commercial tools that are widely used today. EDA will increase its customer base from DFAS recipients of contracts to include industry and will pioneer the use of Public Key Infrastructure (PKI) for information assurance. Benefits include the reduction of unmatched disbursements, reduced paper consumption, and increased convenience to members of the user community. (1st Qtr - 4th Qtr; \$2.509M).</p>										
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<p>DOD Electronic Mall (E-Mall) - The DOD E-Mall provides electronic buying capabilities leveraging the work done for commodities by DLA. The DOD E-Mall is a single point of entry system that can search, locate, compare and order material based upon quality, price, and availability. It provides a single point of entry and search capability for all Internet-based DOD electronic catalogs. This enables customers to buy both products and services. The DOD E-Mall is being constructed with a commodities corridor, an information technology corridor, and a services/construction corridor. The Military Services and Defense Agencies are fielding "stores" within these corridors. Users can search across the E-Mall system and order from the following sources: DLA Inventory Control Point managed commodity items and Defense Reutilization and Marketing Office reutilization items, Defense Supply Center Philadelphia's ASCOT electronic catalog for clothing and textile items, DLA's E-CAT electronic catalog of commercial part numbered items, Navy's ITEC Direct electronic catalog of IT hardware and software items, Army Tank and Automotive Command, Inventory Control Point (ICP) long term contracts for photographic and lighting supplies, food services, and other mechanical items. In addition to providing one-stop visibility for ordering from all DOD electronic catalogs, the E-Mall will provide one stop visibility of the status of orders. The E-Mall provides the benefits of reduced logistics response time and improved visibility of both government and commercial sources of supply, as well as facilitating the use of the Government purchase card. (1st Qtr - 4th Qtr; \$2.465M).</p> <p>Wide Area Workflow (WAWF) - WAWF is a web-based system designed to eliminate paper from several of the processes in the contracting and contract pay lifecycle. Initial implementation addresses receipt/acceptance and invoice/payment. Capabilities will be added to address Purchase Request/Funding Document and Contract Closeout processes. The WAWF-Receipt and Acceptance prototype provides capabilities for vendors to submit invoices and receipt/acceptance documents using interactive web-based forms or File Transfer Protocol data directly from their internal accounting systems. Government inspection/acceptance capabilities are provided via the web and all documents are accessible to authorized users in a virtual contract payment folder. During functional proof of concept, WAWF is prototyping several commercial tool sets to assess capabilities for supporting functional and technical requirements.</p>										
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<p>The WAWF-Contract Closeout segment includes all contracts and associated documents required for contract closeout, thereby providing a multitude of people/organizations the capability to accomplish their part of the closeout via access to all documents in a single location. Benefits include support for expeditious processing of invoices/receipts and reduction of unmatched disbursements since all documentation required for payment is easily accessible. (1st Qtr - 4th Qtr; \$4.303M).</p> <p>Paperless Contracting - Past Performance Automated Information System (PPAIS) enhancements provide the tools for sharing and managing past performance information across DOD, to include enhancements identified by the End to End Process Modeling effort, the evolving EC Architecture, interface improvements with related systems, and user defined changes. This includes a query capability for authorized users into data collection by report card systems, including PPAIS itself, a collection capability for those activities which do not have access to an existing collection system, and a performance tracking system drawing on a variety of data sources. (1st Qtr - 4th Qtr; \$0.475M).</p> <p>DOD Electronic Business Exchange (DEBX) - The DEBX provides routing, archiving, translation, DataMart/DataWarehouse and other value added services to facilitate the paperless exchange between government contract-writing, accounting, disbursing systems, and commercial trading partners. DEBX also supports business domains outside the procurement arena to include defense travel, transportation, court-ordered garnishment of wages, EMALL, WAWF, EDA, BusOps, CCR, and Purchase Card initiatives. (1st Qtr - 4th Qtr; \$2.518M).</p> <p>EC Integration Services - Provides comprehensive electronic commerce systems and security engineering support for the Electronic Commerce systems. This effort provides support for identification, analysis, integration and development of</p>										
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<p>electronic commerce on-line systems and facilities in a way that maximizes technical integration with the Defense Information Infrastructure (DII) and seeks maximum operational and cost saving efficiencies in DOD electronic commerce. (1st Qtr - 4th Qtr; \$1.331M).</p> <p>System/Program Testing and Analysis - The JECPO Electronic Commerce Infrastructure consists of multiple systems developed for multiple organizations by multiple vendors. These individual systems are integrated into the Electronic Commerce Infrastructure. The Joint Interoperability Test Command (JITC) supports the Electronic Commerce Processing Node, Electronic Document Access, Central Contractor Registration, and Electronic Commerce Interoperability Process by testing the Value Added Network, the DOD/Federal Gateway, and the Trading Partner EC readiness. (1st Qtr - 4th Qtr; \$1.627M).</p> <p>Product Data Markup Language (PDML)- PDML is a vocabulary of the extensible Markup Language (XML) for the purpose of achieving product data interoperability, product data management system integration, and the integration of contractor data repositories with DOD's legacy system - JEDMICS. Also, working with acquisition Integrated Digital Environment (IDE) and logistics oversight groups to conduct technology seminars to encourage the use of Electronic Logistics Interoperability Trading Exchange (ELITE) in legacy weapon system logistic support. (1st Qtr - 4th Qtr; \$0.665M).</p> <p>Electronic Portal Access System (EPASS) - EPASS is to simplify end user access to the various eBusiness applications that are currently available in a stand-alone fashion. Under the EPASS concept, users will execute a single sign-on to an infrastructure that provides a single point of entry, authentication, and authorization function. The goal is to ultimately provide a capability that will save time and reduce cost for other applications and to provide a framework for the future. (1st Qtr - 4th Qtr; \$0.760M).</p>										

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<p>Defense Reform Initiative Directive #48 (DRID #48) - This effort is to replace DOD-unique logistics data standards with American National Standards Institute (ANSI) Accredited Standards Committee (ASC) X12 standards as a stepping-stone to move the Department's transactional-based logistics business processes towards the use of international open data interchange standards. This also includes the design and development of a Web-based Supply Discrepancy Report (SDR) process, Electronic Commerce Resource Center (ECRC) development, and the provision of ANSI X12/Defense Logistics Management System (DLMS) training for participants. (1st Qtr - 4th Qtr; \$1.235M).</p> <p>Electronic Commerce/Electronic Data Interchange (EC/EDI) Standards Program - EC/EDI is to facilitate development, maintenance, configuration management, publishing, and distribution of Implementation Conventions (IC's) and Guidelines necessary for DOD Electronic Commerce using Electronic Data Interchange. This effort ensures that all EC/EDI used by DOD and other Federal entities comply with national and international published standards and business practices. (1st Qtr - 4th Qtr; \$0.665M).</p> <p>Architecture Analysis and Recommendations - This effort assists in the evaluation and integration of commercial-off-the-shelf (COTS) tools to replace custom Government-developed EC applications; it defines, evaluates, and assists in incorporating EC security solutions commensurate with defined security objectives; and applies enterprise application integration techniques and tools toward the goal of achieving a fully integrated DOD EB/EC infrastructure. (1st Qtr - 4th Qtr; \$1.640M).</p> <p>Certification and Accreditation - In accordance with the Defense Information Technology Security Certification and Accreditation Process (DITSCAP), each application requires a current System Security Authorization Agreement (SSAA) and Security Test and Evaluation (ST&E). The SSAA describes the application, operational and communication environments, threats, and appropriate security information. Once the SSAA has been agreed upon by key stakeholders the application is tested (i.e., ST&E) to certify the compatibility of the application in its computing environment. (3rd Qtr - 4 Qtr; \$0.400M)</p>										
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<p>EB Architecture - Electronic Business/Electronic Commerce (EB/EC) Architecture tool documents the elements of a comprehensive functional and technical process architecture to systematically identify and promote opportunities for expansion of EB/EC capabilities across DOD. This goal is to identify and oversee implementation of EB and Electronic Document Interchange integration. It will become the roadmap for moving EB/EC to a fully automated, interactive, and seamless flow of information supporting Joint Vision 2020 and the warfighter. (2nd Qtr - 4th Qtr; \$0.191)</p> <p>Total \$27.343M</p> <p>FY 2002 Plans:</p> <p>Central Contractor Registration - This effort provides continued support to DOD by collecting vendor data (specifically, electronic funds transfer data) in order to comply with the Debt Collection Improvement Act (DCIA), as well as vendor identification and socio-economic data provided to the contracting, reporting and finance functional areas. Mission includes providing value added capabilities for accessing and using the vendor data collected for the users it supports. (1st Qtr -4th Qtr; \$2.946M).</p> <p>DoD Business Opportunities - Efforts are to create synergy and increase visibility among current DoD web sites, maintain flexibility at the local level, support individual DoD Component initiatives, and increase electronic commerce and paperless operations. (2nd Qtr - 4th Qtr; \$0.961M).</p> <p>Electronic Document Access - Offers the DoD the opportunity to store and retrieve contract documents, Government Bills of Lading (GBL), vouchers and other document types electronically. This reduces the need to print, mail, file, and manage paper. (1st Qtr - 4th Qtr; \$5.174M).</p>										

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<p>DOD Electronic Mall - Permits users to establish "one stop" single registration via the Internet, whereby orders can be placed against a wide range of supply vehicles which allows the use of Government Purchase Cards, comparison of prices and deliveries and chooses what best fits the need, selects the source desired, obtains a full range of contract administration/support services, and obtains status of orders placed. (2nd Qtr - 4th Qtr; \$1.053M).</p> <p>Wide Area Workflow - Continues development and maintenance of the WAWF-Receipts and Acceptance. The EC/EDI community has strongly embraced the creation of standardized data type definitions and corresponding tools. Expands WAWF to include all contracts and documents, including a contract closeout check, required for contract closeout thereby providing organizations the ability to accomplish their part of the closeout process using documents in one place. Perform integration activities to ensure EC applications are not developed in a stovepipe fashion. (1st Qtr - 4th Qtr; \$4.031M).</p> <p>Paperless Contracting - Maintains existing DoD data warehouse, retrieval, and collection system. Provides operations, maintenance, and support services. Provides program and configuration management, and implements approved user requested enhancements. Implements and fully deploys mechanism for collection and use of passive data across all components. Fully integrates passive and report card contract data with the procurement shared data warehouse(s). Implements security improvements. (3rd Qtr - 4th Qtr; \$0.296M).</p> <p>DOD Electronic Business Exchange - Provide routing, archiving, translation, DataMarts/DataWarehousing and other value added services to facilitate the paperless exchange between government contract-writing, accounting and distribution systems and commercial trading partners. (1st Qtr - 4th Qtr; \$3.158M).</p> <p>EC Integration Services - Provide comprehensive integrated Electronic Commerce systems engineering support for the DoD Electronic Commerce systems, i.e., support for identification, analysis, integration and development of electronic commerce programs in a way that maximizes technical integration with the DII and seeks the maximum operational and cost saving efficiencies available to DoD electronic commerce. (1st Qtr - 4th Qtr; \$0.820M).</p>										

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<p>System/Program Testing and Analysis - The JECPO Electronic Commerce Infrastructure consists of multiple systems developed for multiple organizations by multiple vendors. These individual systems are integrated into the Electronic Commerce Infrastructure. The Joint Interoperability Test Command (JITC) supports the Electronic Business Exchange (DEBX), Electronic Document Access, Central Contractor Registration, and Electronic Commerce Interoperability Process by testing the Value Added Network, the DOD/Federal Gateway, Trading Partner EC readiness, WAWF, DOD Business Opportunities, DOD EMALL, and the Electronic Portal Access System. (1st Qtr - 4th Qtr; \$2.316M).</p> <p>Product Data Markup Language (PDML) - Establishes a performance baseline for government and industry trading exchange operations in the DOD weapon system acquisition and logistics support environment. Using ELITE and existing Integrated Digital Environment (IDE) as source of requirements, formally describes the data exchange requirements in qualitative and quantitative terms. (2nd Qtr - 4th Qtr; \$0.499M)</p> <p>Electronic Portal Access System (EPASS) - Develops enhancements to the portal that enables users easier access, authentication, and authorization to the suite of DOD applications providing paperless acquisition. Additionally, EPASS automates paper-based and predominately manual-user access processes used by the majority of acquisition systems. (2nd Qtr - 4th Qtr; \$0.841M)</p> <p>DRID #48 - Evaluates existing and new technical business processes, develops and integrates standards, business rules, and implementation conventions and supplements. Researches and identifies the best commercial and international operational methods (uniform policies, procedures, time standards, transactions, and data management) available to meet DOD's Joint Vision (JV) 2010/2020 war-fighting requirements. (2nd Qtr - 4th Qtr; \$0.790M)</p> <p>Electronic Commerce/Electronic Data Interchange (EC/EDI) - Promotes EC/EDI standards that comply with national practices that are to be used by Federal and DOD entities, and seeks consistency between the technical view of the EB/EC Architecture and the Joint Technical Architecture. (2nd Qtr - 4th Qtr; \$0.107M)</p>										
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<p>Architecture Analysis and Recommendations - Architecture planning, design, and development. Analysis of the DOD CCR database design. Research, design, and develop EPASS security concept and operations. (1st Qtr - 4th Qtr; \$1.612M)</p> <p>Certification and Accreditation - Conduct Security Test and Evaluation (ST&E) review of operating site's personnel, procedures and equipment to determine if and how the site meets the required level of security. (3rd Qtr - 4th Qtr; \$0.474M)</p> <p>EB Architecture - Develops and maintains the EB/EC Architecture reflecting improved, reengineered and integrated business processes, and assists OSD and DOD components in the development of consistent and integrated EB/EC architectures. (1st Qtr - 4th Qtr; \$0.158M)</p> <p>Total \$25.236M</p> <p><u>FY2003 Plans:</u></p> <p>CCR - Improved accuracy of data by including additional validations by authoritative sources (such as EIN with IRS - assuming statutory changes allow it. Expand data element collection to support inter-agency transfers and similar finance requirements. Expand customer base across DoD and Federal users which will further standardize information being used in procurement/finance environments. (1st Qtr - 4th Qtr; \$2.300M)</p> <p>DoDBusOps - In addition to running DoDBusOpps, an additional effort to complete the FedBizOpps integration and to make it a routine, instead of a manual process. (1st Qtr - 4th Qtr; \$1.937M)</p> <p>EDA - Continue development and demonstrate Electronic Document Access (EDA) proof of concept for storing and accessing contract documents including contracts documents via the World Wide Web (WWW). These funds will provide the</p>										
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<p>development of EDA application to authorize users with web-based access to DoD business documents including contracts and contract modifications, personal property and freight GBL, Vouchers, and Materials Acceptance and Accounts Payable Report data. Also these funds will be used to define the contract effort to acquire technical support in the areas of software/system engineering, programming, and analysis. (1st Qtr - 4th Qtr; \$5.000M)</p> <p>EMALL - The DoD EMALL began migration designed to assist in DISA's support of EDA. This transition will be completed and put into production. The benefits will be lower maintenance costs, improved ability to integrate commercial software packages and capabilities and faster development times for new capabilities. It will also provide a basis for easily interfacing with external vertical exchanges (e.g. EXOSTAR) and other commercial catalog systems. (1st Qtr - 4th Qtr; \$1.993M)</p> <p>WAWF - Increases ability to handle more types of invoicing needs to support eInvoicing mandate. For example, WAWF will be enhanced to support miscellaneous payment forms, progress payments, and foreign military payments. Increases ability to reach a multitude of vendors and government personnel with enhanced web-based training. By continuing to evolve the web-based training, we no longer need to support instructor led training. Web-based training is anywhere, anytime, and less money. Increase maintainability of the application by moving towards COTS software. Replace GOTS workflow engine with COTS product. Ability to support all DOD vendors. Increases the number of application servers/db servers to support better overall capability. (1st Qtr - 4th Qtr; \$6.853M)</p> <p>DEBX - The primary objective is to obtain support in the development and fielding of an improved capability to conduct Electronic Data Interchange (EDI) supporting Electronic Business/Electronic Commerce (EB/EC) within the Federal government. This includes necessary technical support to: DISA/JECE (EC/EDI Engineering Management Office); the DoD eBusiness Program Office; DISA/WESTHEM (EC/EDI operators); and the Defense Logistics Agency's (DLA) Defense Automatic Addressing System Center (DAASC).</p>										

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<p>The fundamental objectives of this effort shall enhance the DEBX to include the capabilities of processing the EDI transactions currently being processed by the DLA EDI infrastructure, to connect systems to support the Defense Travel System (DTS), to connect systems to support the Defense Finance and Accounting Service (DFAS), to connect systems to support the US Transportation Command in their effort to implement EDI-based in-transit visibility capability in the Global Transportation Network (GTN), to connect the automated invoice processing system with the ECI, and to connect systems to support other domains as needed. (1st Qtr - 4th Qtr; \$2.427M)</p> <p>EC Integration and Implementation - Provides comprehensive integrated systems engineering support for the DoD Electronic Commerce systems, i.e., support for requirement identification, analysis, integration and development of electronic commerce programs in a way that maximizes technical integration with the DII and achieves the maximum operational and cost saving efficiencies in DOD electronic commerce. This includes the requirements to be used for the assessment of COTS information technology and the support identified in the JECPO Strategic Implementation Plan (SIP), Electronic Workflow support of the functional requirement analysis for the Electronic Workflow prototype to include the engineering MIPR process and the DOD EMALL, and Vendor Tracking Application support of the requirements process with a vendor tracking capability. This capability will track vendors that interface with DoD eBusiness programs. The Implementation objective is to provide comprehensive electronic commerce systems and security engineering support for the Electronic Commerce systems, specifically implementation of the Next Generation Electronic Commerce Infrastructure (ECI). This new ECI will be primarily integration of existing Electronic Commerce systems with new tools such as an EC Technical Library, ePass, JECPO Evaluation and Demonstration Center, and the Interoperability Catalog capability using XML. This effort will provide support for identification, analysis, integration and development of electronic commerce on-line systems and facilities located at DISA and DLA in a way that maximizes technical integration with the DII and achieves the maximum operational and cost saving efficiencies in DOD electronic commerce. This effort includes the engineering and integrating support to combine the DISA and the DLA electronic commerce infrastructures, and the operation and maintenance of the JECPO Evaluation and Demonstration Center (EDC). (1st Qtr - 4th Qtr; \$1.187M)</p>										

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<p>System Testing - The Defense Electronic Business Program Office Paperless Contracting and Common Business Environment consists of multiple systems, developed for multiple DLA/DISA organizations, by multiple vendors. The Joint Interoperability Test Command (JITC) provides development and system testing, test plan writing, functional, performance, stress and operation acceptance testing, and test report writing. Systems supported include: DoD Electronic Business Exchange (DEBX), Electronic Document Access (EDA), Central Contractor Register (CCR), Electronic Commerce Interoperability Process (ECIP), Value Added Networks (VANs), DoD/Federal Gateway (GW), Automated Information Systems (AISs), Trading Partners (TP) EC readiness, Electronic Commerce System Level Tests, Wide Area Work Flow (WAWF), DoD Business Opportunities, DoD E-Mall, and Electronic Portal Access Services System (ePASS). (1st Qtr - 4th Qtr; \$1.333M)</p> <p>EPASS - Planned benefits include develop enhancements to EPASS covering changes to security, additions and improvements to DoD eBusiness infrastructure, and functionality; and accomplish further DoD EPASS implementations and necessary application interfaces. (2nd Qtr - 4th Qtr; \$0.500M)</p> <p>EDI Standards - The objective is to provide comprehensive electronic commerce systems and security engineering support for the Electronic Commerce systems to investigate Commercial-off-the-Shelf (COTS) products for potential use in the Next Generation EC infrastructure. Qualified engineering personnel, with a working knowledge of EC products, conduct the evaluation under the direction of the JECPO EC Engineering Division.</p>										
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<p>Current methodology requires the engineering division to survey commercial sources and, subsequently, evaluate appropriately mature technologies. The evaluation process usually involves 3 phases: first, evaluation of products, installation, and documentation right "out of the box"; second, evaluation of the functionality of properly and fully configured products; and third, evaluation of proof of concept or prototyped systems. Vendors usually provide software at no expense to the government under an evaluation license to cover the period of evaluation (30 to 60 Days). (1st Qtr - 4th Qtr; \$0.503M)</p> <p>Certification and Accreditation (C&A) Process - In accordance with the Defense Information Technology Security Certification and Accreditation Process (DITSCAP), each application requires a current System Security Authorization Agreement (SSAA) and Security Test and Evaluation (ST&E). The SSAA describes the application, operational and communication environments, threats, and appropriate security information. Once the SSAA has been agreed upon by key stakeholders, the application is tested (i.e., ST&E) to certify the compatibility of the application in its computing environment. (1st Qtr - 4th Qtr; \$0.090M)</p>										
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Exhibit R-2, RDT&E Budget Item Justification									DATE: February 2002																									
APPROPRIATION/BUDGET ACTIVITY RDT&E, Defense-Wide/05					R-1 ITEM NOMENCLATURE Electronic Commerce/ PE 0305840K																													
COST (in millions)		FY01	FY02	FY03	FY04	FY05	FY06	FY07	Cost to Complete	Total Cost																								
Electronic Commerce/EC01		27.343	25.236	24.265	18.527	15.942	16.106	16.472	Contg	Contg																								
<p>EB Architecture - Assist OSD Principal Staff Assistants (PSA) and the DoD Components in the development of consistent and integrated EB/EC architectures for their functional areas of responsibility. The purpose is to continue the work supporting the DoD eBusiness Program Office EB/EC Architecture initiatives and programs with functional, analytical, program management support, and editorial services to the DoD eBusiness Office Directorate and the EB/EC Architecture Team. This includes: rewriting the EB/EC Architecture IAW revised guidance from ASD(C3I); assisting other services and agencies by providing experience and lessons learned from the previous two years; establishing and maintaining a database and providing training in its use. (1st Qtr - 4th Qtr; \$0.142M)</p> <p>Total \$24.265M</p> <p>B. <u>Program Change Summary</u></p> <table border="0"> <thead> <tr> <th></th> <th><u>FY01</u></th> <th><u>FY02</u></th> <th><u>FY03</u></th> </tr> </thead> <tbody> <tr> <td>Previous President's Budget (FY 2002)</td> <td>26.703</td> <td>25.519</td> <td>22.173</td> </tr> <tr> <td>Appropriated Value</td> <td>28.094</td> <td>25.519</td> <td></td> </tr> <tr> <td>Adjustments to Appropriated Value</td> <td>-0.751</td> <td>-0.283</td> <td></td> </tr> <tr> <td>Adjustments to Budget Year since FY 2002 Presidents Budget</td> <td></td> <td></td> <td>2.092</td> </tr> <tr> <td>Current Budget Submit/President's Budget (FY 2003)</td> <td>27.343</td> <td>25.236</td> <td>24.265</td> </tr> </tbody> </table> <p>Change Summary Explanation:</p> <ul style="list-style-type: none"> FY 2001 change is due to below threshold reprogramming. FY 2002 change due to undistributed congressional adjustments to Defense-wide RDT&E appropriation. FY 2003 change is due to increased emphasis on the central contractor registration effort. 												<u>FY01</u>	<u>FY02</u>	<u>FY03</u>	Previous President's Budget (FY 2002)	26.703	25.519	22.173	Appropriated Value	28.094	25.519		Adjustments to Appropriated Value	-0.751	-0.283		Adjustments to Budget Year since FY 2002 Presidents Budget			2.092	Current Budget Submit/President's Budget (FY 2003)	27.343	25.236	24.265
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Exhibit R-2, RDT&E Budget Item Justification									DATE: February 2002	
APPROPRIATION/BUDGET ACTIVITY RDT&E, Defense-Wide/05					R-1 ITEM NOMENCLATURE Electronic Commerce/ PE 0305840K					
COST (in millions)		FY01	FY02	FY03	FY04	FY05	FY06	FY07	Cost to Complete	Total Cost
Electronic Commerce/EC01		27.343	25.236	24.265	18.527	15.942	16.106	16.472	Contg	Contg

C. Other Program Funding Summary:

	<u>FY01</u>	<u>FY02</u>	<u>FY03</u>	<u>FY04</u>	<u>FY05</u>	<u>FY06</u>	<u>FY07</u>	<u>Cost To Complete</u>
Operation and Maintenance:	15.754	14.857	15.431	15.997	16.564	16.803	17.191	continue
Procurement:	3.674	3.648	3.660	3.658	3.682	3.720	3.804	continue

D. Acquisition Strategy - The mission of JECPO is to accelerate the application of Electronic Business Practices and Associated Information Technologies to improve DoD acquisition processes, support life-cycle sustainment and other departmental business operations. JECPO is developing and maintaining Web-based applications to support the paperless contracting life cycle from requirements generation through contract closeout. These include Central Contractor Registration, Wide Area Workflow, Past Performance Automated Information System, Electronic Document Access, Email, and Business Opportunities. JECPO is developing a DoD EC Architecture. The architecture's operational, systems, and technical views are being vetted throughout the Department through the Architecture Coordination Council in the DoD CIO. JECPO is addressing EC Integration Services by using public key infrastructure to facilitate single sign on capabilities, and by data integration among JECPO applications. The projected Common Business Environment, made up of applications and infrastructure, will leverage the DII Common Operating Environment (COE).

E. Schedule Profile

FY 2001
1st Qtr:

- DII COE compliant software received
- Receive complete software documentation for Central Contractor Registration (CCR) software components
- Receive installation procedures

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Exhibit R-2, RDT&E Budget Item Justification								DATE: February 2002		
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMENCLATURE					
RDT&E, Defense-Wide/05					Electronic Commerce/ PE 0305840K					
COST (in millions)		FY01	FY02	FY03	FY04	FY05	FY06	FY07	Cost to Complete	Total Cost
Electronic Commerce/EC01		27.343	25.236	24.265	18.527	15.942	16.106	16.472	Contg	Contg
<ul style="list-style-type: none"> - Receive WAWF user's manual - Receive software test plan and test cases - Receive DoD Electronic Business Exchange (DEBX) software (DII COE segments) - Receive translator maps and documentation for systems connected to DEBX - Ongoing research of EC/EB education material - Development/maintenance of the CCR website and database - Maintain Bus Opps web capability/applications/user interface - Finalize PDML Repository/Registry approach - Development of business rules, procedures, and implementation connections/supplements <p>2nd Qtr:</p> <ul style="list-style-type: none"> - Continue partnerships with Services and Agencies. - Replace DOD unique proprietary information exchange standards with commercial technologies - Receive development and expansion of BUSOPPS website - Update and promulgate technical review committee commercial EDI implementation responsibilities <p>3rd Qtr:</p> <ul style="list-style-type: none"> - Continue DoD-wide execution of the Corporate Implementation Plan - Migration of corporate level infrastructure and services to ASC X12 - Continue development of policy and procedures for centralized management and control of DoD logistics data - Provide performance measures as required by Government Performance Act of 1996 <p>4th Qtr:</p> <ul style="list-style-type: none"> - Prepare and deliver training on the passive system to DoD contracting activities - Development of EDA applications 										

Exhibit R-2, RDT&E Budget Item Justification								DATE: February 2002		
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMENCLATURE					
RDT&E, Defense-Wide/05					Electronic Commerce/ PE 0305840K					
COST (in millions)		FY01	FY02	FY03	FY04	FY05	FY06	FY07	Cost to Complete	Total Cost
Electronic Commerce/EC01		27.343	25.236	24.265	18.527	15.942	16.106	16.472	Contg	Contg
<ul style="list-style-type: none"> - Provide operational support to the DoD data administration program and Defense Logistics Management Standards Office (DLMSO) operational area - Develop templates and provide conversion support - Receive engineering guidance on the strategic direction in the evolution to the EC architecture - Develop implementation plan and charter for End-to-End process model - Develop performance measures and customer survey instruments - Assist in development of common user support requirements <p>FY 2002 1st - 4th Qtr</p> <ul style="list-style-type: none"> - Continue corporate level configuration management support - Increase CCR functionality - Efforts to support single face initiative to all DOD vendors - Continue improvement of the acquisition automation process - Contractor integration support - Integrating the use of COTS tools <ul style="list-style-type: none"> - Analysis of engineering issues and oversight of their resolution - Coordinating the migration to commercial standards - Development of business rules, procedures, and implementation connections/supplements - Create a new COTS-based component in the EB/EC infrastructure for authentication, authorization, and registration - Continuous updates to metrics - Provide a management tool and roadmap for DOD eBusiness initiatives - Assist in development of new and revised management process business rules 										

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Exhibit R-2, RDT&E Budget Item Justification								DATE: February 2002		
APPROPRIATION/BUDGET ACTIVITY RDT&E, Defense-Wide/05					R-1 ITEM NOMENCLATURE Electronic Commerce/ PE 0305840K					
COST (in millions)		FY01	FY02	FY03	FY04	FY05	FY06	FY07	Cost to Complete	Total Cost
Electronic Commerce/EC01		27.343	25.236	24.265	18.527	15.942	16.106	16.472	Contg	Contg
<p><u>FY 2003 - FY 2007</u> 1st - 4th Qtr</p> <ul style="list-style-type: none"> - Build Bid module that is so generic as to be used or interact with any system - Develop test requirements document to capture functional, operational and performance requirements - Finalize and promulgate a respository/registration approach for PDML - Develop and implement a full scale customer outreach and support marketing plan - Develop flexible automated registration capability for all EPASS linked electronic business applications - Provide a linkage between the DOD EB/EC goals, objectives, and strategies and the various projects benefiting the eBusiness community - Analyze, review, comment, and approve implementation conventions to be adopted by Federal and DOD entities - Provide roadmap for the remaining logistics systems and technical architecture - Development of web-based prototype to include documentation and relational tables and databases 										
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Exhibit R-3 Cost Analysis								DATE: February 2002		
APPROPRIATION/BUDGET ACTIVITY		PROGRAM ELEMENT				PROJECT NAME AND NUMBER				
RDT&E, Defense-Wide/05		Electronic Commerce/PE 0305840K				Electronic Commerce/EC01				
Cost Category	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 02 Cost	FY 02 Award Date	FY 03 Cost	FY 03 Award Date	Cost To Complete	Total Cost	Target Value of Contract
<u>Applications</u>										
Central Contractor Registration	MIPR/PR	INRI/DLIS/PWC	3.804	2.946	10/01	2.300	10/02	Contg	Contg	9.926
DOD Business Opportunities	MIPR/PR	Navy//DISA	2.755	0.961	01/02	1.937	01/03	Contg	Contg	7.622
Product Data Markup Language	PR	KPMG Consulting	0.665	0.499	06/02	0.000	N/A	0	Contg	1.164
EPASS	MIPR	EDS	0.760	0.841	02/02	0.500	02/03	Contg	Contg	2.110
Wide Area Workflow-RA	PR	CACI/SSH	2.400	1.150	02/02	3.794	10/02	Contg	Contg	6.642
Wide Area Workflow-INT	PR	INRI/EDS	1.403	2.486	02/02	2.227	10/02	Contg	Contg	6.000
Wide Area Workflow-Training	MIPR/PR	SAIC/FISC	0.500	0.395	12/01	0.832	10/02	Contg	Contg	1.490
Department of Defense Past Performance Automated Information System	MIPR/PR	Navy/Compaq	0.475	0.296	02/02	0.000	N/A	0	.771	.771
DOD EMALL	MIPR/PR	Raytheon/Dell/Excalibur/Red River	2.465	1.053	05/02	1.993	05/03	Contg	Contg	6.821
Electronic Document Access	MIPR	EDS/DAPS	2.509	5.174	10/01	5.000	10/02	Contg	Contg	12.279
DOD Electronic Business Exchange	PR	INRI	2.518	3.158	10/01	2.427	10/02	Contg	Contg	9.968
DRID #48	PR	LMI/Pinkerton/Amerid	1.235	0.790	03/02	0.000	N/A	0	2.025	2.025

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Exhibit R-3 Cost Analysis								DATE: February 2002		
APPROPRIATION/BUDGET ACTIVITY		PROGRAM ELEMENT				PROJECT NAME AND NUMBER				
RDT&E, Defense-Wide/05		Electronic Commerce/PE 0305840K				Electronic Commerce/EC01				
Cost Category	Contract Method & Type	Performing Activity & Location	Total PYS Cost	FY 02 Cost	FY 02 Award Date	FY 03 Cost	FY 03 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Electronic Commerce/Electronic Data	PR	LMI/PCCI/Amerind	0.665	0.107	01/02	0.503	10/02	Contg	Contg	1.847
EC Integration	PR	Anvicon	1.331	0.820	02/02	1.187	10/02	Contg	Contg	3.809
Architecture Analysis	MIPR	MITRE	1.640	1.612	11/01	0	N/A	0	Contg	3.252
JITC	MIPR	JITC	1.627	2.316	10/01	1.333	10/02	Contg	Contg	6.520
Security Documentation	MIPR	TBD	0.400	0.474	03/02	0.090	03/03	Contg	Contg	1.113
EB Architecture	PR	Pinkerton	<u>0.191</u>	<u>0.158</u>	03/02	<u>0.142</u>	03/03	Contg	Contg	0.536
TOTAL			27.343	25.236		24.265				

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