

# **Defense Technical Information Center**

## **Fiscal Year (FY) 2009 Budget Estimates**

**February 2008**



**Research, Development, Test and Evaluation, Defense-Wide**

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RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE  
FISCAL YEAR (FY) 2009 BUDGET ESTIMATES  
PROGRAM ELEMENT SUMMARY (R-1)  
(Dollars in Millions)

<u>R-1 Line</u>	<u>Program</u>				February 2008		
<u>Item No.</u>	<u>Element</u>	<u>Title</u>	<u>Budget</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
	<u>Number</u>		<u>Activity</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>
143	0605801KA	Defense Technical Information Center	06	51.733	51.188	52.696	54.674
		<b>TOTAL - DIRECT</b>		<b>51.733</b>	<b>51.188</b>	<b>52.696</b>	<b>54.674</b>

<b>Exhibit R-2, PBR 2009 Defense Technical Information Center RDT&amp;E Budget Item Justification</b>				<b>DATE:</b> February 2008			
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400/BA 6 - RDT&E Management Support			<b>R-1 ITEM NOMENCLATURE</b> PE 0605801KA/Defense Technical Information Center				
<b>COST (\$ in Thousands)</b>	<b>FY 2007 Actual</b>	<b>FY 2008 Estimate</b>	<b>FY 2009 Estimate</b>	<b>FY 2010 Estimate</b>	<b>FY 2011 Estimate</b>	<b>FY 2012 Estimate</b>	<b>FY 2013 Estimate</b>
Total Program Element	51733	51188	52696	54674	56353	57246	58142
Project 001: Defense Technical Information Center	51733	51188	52696	54674	56353	57246	58142
<b><u>A. Mission Description and Budget Item Justification</u></b>							
<p>The Defense Technical Information Center's mission is to provide timely and effective exchange of Scientific and Technical Information (STI) and Research &amp; Engineering Information (R&amp;E) to improve the quality and resource effectiveness of DoD research and to support DoD-wide decision making. DTIC provides for centralized information acquisition, processing, storage, retrieval, and dissemination of STI and related information. DTIC's knowledge management and leading edge information technology (IT) support the effective knowledge transfer of information benefiting DoD warfighters, scientists, engineers, managers, as well as government, allies, academic and private sector partners. DTIC offers multiple sources and types of information including unclassified and classified resources for customers both internal and external to DoD by employing customized access control. DTIC currently serves information from its registered access collections to approximately 15,000 organizations and qualified individuals worldwide. DTIC's public and access controlled websites average 56,000,000 page requests per month. DTIC provides development, technical support and Web hosting services for DoD Component organizations maintaining more than 100 DoD Web sites. The DoD Information Analysis Centers (IAC) program provides core funding, management and oversight for 10 IACs. The IACs are chartered by DoD to collect, analyze, synthesize and disseminate worldwide scientific and technical information in specialized fields such as information assurance, chemical/biological defense, weapons systems technology, and survivability and vulnerability to support the warfighter, as well as to prevent unnecessary duplication of research and promote standardization of research methodologies and processes in these areas of expertise.</p> <p>The Program Element for DTIC is under Budget Activity 6, RDT&amp;E Management Support, which provides for the support of operations required for general research and development and not allocable to specific missions.</p>							
<b><u>B. Program Change Summary (\$ in Thousands)</u></b>							
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Exhibit R-2, PBR 2009 Defense Technical Information Center RDT&E Budget Item Justification		DATE: February 2008		
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE			
0400/BA 6 - RDT&E Management Support	PE 0605801KA/Defense Technical Information Center			
	<b>FY 2007</b>	<b>FY 2008</b>	<b>FY 2009</b>	
Previous President's Budget	51733	51800	52700	
Current BES/President's Budget	51733	51188	52696	
Total Adjustments	0	-612	-4	
Congressional Program Reductions				
Congressional Recissions				
Total Congressional Increases				
Total Reprogrammings				
SIBR/STTR Transfer				
Program Adjustments	0	-612	-4	
<b><u>Change Summary Explanation</u></b>				
Due to revised fiscal guidance.				
R-1 Shopping List - Item # 143 Page 2 of 14				

Exhibit R-2a, PBR 2009 Defense Technical Information Center RDT&E Budget Item Justification					DATE: February 2008		
APPROPRIATION/BUDGET ACTIVITY 0400/BA 6 - RDT&E Management Support		R-1 ITEM NOMENCLATURE PE 0605801KA/Defense Technical Information Center			PROJECT NUMBER 001		
COST (\$ in Thousands)	FY 2007 Actual	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate
Project 001: Defense Technical Information Center	51733	51188	52696	54674	56353	57246	58142
RDTE Articles Quantity							
<p><b>A. Mission Description and Budget Item Justification</b></p> <p>A. COLLECT INFORMATION: Activities managing the acquisition and receipt of Scientific and Technical documents/summaries/records meeting the criteria for input to the Research &amp; Engineering (R&amp;E) databases that DTIC holds as a central DoD repository. The information is used to avoid duplication of effort, to track progress in R&amp;E, and to find sources of knowledge in individual scientific and technical areas.</p> <p>B. FORMAT/PROCESS/PRESERVE INFORMATION: Activities adding value and processing documents into DTIC's R&amp;E databases that DTIC holds as a central repository and to preserve research accessibility for future researchers. This includes: creating descriptive and subject metadata for retrieval, digitizing paper documents, OCR-ing digital documents for searchability, digitizing legacy documents and maintaining them online, assigning document Handles for persistent identification, making copies of digital documents and sending copies off-site for preservation, staying abreast of state-of-the-art in preservation techniques for digital data and creating and interpreting policy on document markings. Information security functions maintain the limitations and classification of the documents, until changed by the authorized agent for the documents. Continuity of Operations functions are performed to back-up data and create processes for emergency off-site operations.</p> <p>C. DISSEMINATE INFORMATION: Activities providing information to users in the DoD, the DoD contractor community, and the Federal Government and its contracting community. Activities include: Creating and maintaining online databases of R&amp;E information, registration of users of the databases and maintaining their current access permissions, providing information in various formats (online, digital or paper) to users on request.</p> <p>D. CUSTOMER INFORMATION ASSISTANCE: Activities providing general marketing services and support to DTIC users. This includes: directing and managing marketing and registration services; assessing user satisfaction and needs; providing information reference, retrieval, referral, current awareness, document delivery, and billing services; managing Regional Offices, operating and supporting DoD special programs; developing and providing user training programs and assistance publications; and conducting user conferences, seminars, exhibits, tours and briefings.</p>							
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<b>Exhibit R-2a, PBR 2009 Defense Technical Information Center RDT&amp;E Budget Item Justification</b>	<b>DATE:</b> February 2008
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<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400/BA 6 - RDT&E Management Support	<b>R-1 ITEM NOMENCLATURE</b> PE 0605801KA/Defense Technical Information Center	<b>PROJECT NUMBER</b> 001
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E. INFORMATION SCIENCE AND TECHNOLOGY: Investigates, prototypes, evaluates, and implements advanced information science and knowledge management concepts/technology. Advises and partners with DoD and Federal organizations in applying these concepts and techniques. Conceptualizes, formulates, develops, tests, and evaluates new and enhanced STI systems, products, and services. Participates in information standards organizations, as well as interagency and professional information organizations, to learn new techniques and share processes for interoperability and efficiency.

F. COMPONENT INFORMATION SUPPORT (CIS): Provides integrated information solutions and information technology (IT) applications to support the information acquisition, collaboration, analysis, and dissemination needs of DoD Components to improve DoD management decision-making and support for the warfighter. CIS accomplishes this mission through joint projects with DoD Component clients developing and hosting over 100 public, limited and classified Web-based information systems.

G. INFORMATION ANALYSIS CENTER (IAC): Activities that contribute towards management of the IAC Program Management Office (PMO) and the DTIC sponsored IACs that provide technical and analytical services to the IAC customers. The IAC PMO performs contract acquisition, management, and operational support for core IAC contract operations and deliverables. Core IAC contract services include: Information collection and processing; information analysis and dissemination; and core contract management and support.

H. S&T INFORMATION PARTNERSHIP ACTIVITIES: As part of DTIC's mission as a central repository for DoD technical information, DTIC participates in information standards organizations, as well as, interagency and professional information organizations, to learn new techniques and share processes, for interoperability and efficiency. Some organizations include Commerce, Energy, NASA, National Library of Medicine, Defense, Interior Information (CENDI); ICSTI; and NATO; Memorandum of Agreements (MOAs) and Understanding (MOUs) for the exchange of STI; Foreign Agreements; participation in Standards Bodies such as the International Standards Organization (ISO) and the National Information Standards Organization (NISO); Special programs for the University Research Initiative (URI) and the Small Business Innovation Research (SBIR); and support for DoD libraries.

**B. Accomplishments/Planned Program (\$ in Thousands)**

**A. Collect Information:**

***FY 2007 Accomplishments:*** Identified and acquired government information collections for dissemination and preservation through the DTIC technical report collection. Harvested DoD funded documents off the NIPRNET/Internet with a WEB crawler, and from SIPRNET. Advised and helped contributors to send R&E information to the central repository, including technical reports and journal articles. Encouraged organizations to send documents in electronic form. Now the collection of born-digital documents added to the collection exceeds hard-copy paper documents. Coordinated and helped to formulate DoD STIP policy and provided advice to DoD activities on policy interpretation and implementation. Added new E-Gov fields to

<b>FY 2007</b>	<b>FY 2008</b>	<b>FY 2009</b>
3321		

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<p>the Research Summaries database. Performed outreach for potential STI &amp; IR&amp;D contributors and users of the data. Worked with IR&amp;D OSD and Service Program Managers to improve the collection and use of IR&amp;D data across the Department.</p> <p><b>FY 2008 Plans:</b> Continue to identify and acquire government information collections for the dissemination and preservation through the DTIC technical report collection. Harvest documents online from Internet/NIPRNET/SIPRNET. Advise and help contributors to send R&amp;E information to the central repository. Continue to perform outreach for potential IR&amp;D contributors and users of the data. Work with IR&amp;D OSD and Service Program Managers to improve the collection and use of IR&amp;D data across the Department. Begin implementation of Web Services to support report submission. Coordinate and help to formulate DoD STIP policy and provide advice to DoD activities on policy interpretation and implementation.</p> <p><b>FY 2009 Plans:</b> Continue to identify and acquire government information collections for the dissemination and preservation through the DTIC technical report collection. Harvest documents online from Internet/NIPRNET/SIPRNET. Advise and help contributors to send R&amp;E information to the central repository. Continue to perform outreach for potential IR&amp;D contributors and users of the data. Work with IR&amp;D OSD and Service Program Managers to improve the collection and use of IR&amp;D data across the Department. Begin implementation of Web Services to support report submission. Coordinate and help to formulate DoD STIP policy and provide advice to DoD activities on policy interpretation and implementation.</p> <p><b>B. Format/Process/Preserve Information:</b></p> <p><b>FY 2007 Accomplishments:</b> Funded ongoing basic operations encompassing input, digitization, creation of metadata, and storage of a range of information from publicly available to classified, including media conversion as needed to ensure interoperability; organizing, indexing and abstracting to aid retrieval; and downgrading/changing limitations of documents as requested by authorized agent. Processed and created online collection of IR&amp;D submissions from industry. Continued using bulk conversion scanner to convert remaining legacy fiche documents to PDF and TIFF. Processed and created online collection of DoD current research summaries. Enhanced Electronic Document Management System to provide additional processing capabilities for delivering technical reports, and for preserving the legacy collection. Implemented Synaptica to replace the legacy Corporate Source Authority System. Changed from microfiche back-ups of digital documents to all digital back-ups, including at off-site storage. Conducted full inventory of preservation</p>			
		3294	
			3383
		<b>FY 2007</b>	<b>FY 2008</b>
		9095	
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<p>microform. Transferred off-site back-up, including preservation microform, to a NARA storage site, as part of our COOP strategy. Conducted site visits and initial COOP planning. Began implementation of Enterprise Business Intelligence Environment (EBIE) data marts. Conducted special project to digitize the Air Technical Index (ATI) card file, a tool that was used from 1947 to 1953. There is still a considerable amount of interest in data from this era, and the project is preserving the intellectual effort that went into the creation of the ATI.</p> <p><b>FY 2008 Plans:</b> Fund ongoing basic operations encompassing input, digitization, creation of metadata, and storage of a range of information from publicly available to classified, including media conversion as needed to ensure interoperability; organizing, indexing and abstracting to aid retrieval; and downgrading/changing limitations of documents as requested by authorized agent. Process and create online collection of IR&amp;D submissions from industry. Continue using bulk conversion scanner to convert remaining legacy fiche documents to PDF and TIFF. Process and create online collection of DoD current research summaries. Initiate project to modernize Electronic Document Management System (EDMS) to provide a COTS web-based input workflow, support for additional storage and dissemination formats, and a more maintainable system to process and store technical reports, and to preserve the legacy collection. Add reporting capabilities to EBIE; continue to expand data marts. Continue digitization of Air Technical Index until complete and data are incorporated into DTIC technical report resources.</p> <p><b>FY 2009 Plans:</b> Fund ongoing basic operations encompassing input, digitization, creation of metadata, and storage of a range of information from publicly available to classified, including media conversion as needed to ensure interoperability; organizing, indexing and abstracting to aid retrieval; and downgrading/changing limitations of documents as requested by authorized agent. Process and create online collection of IR&amp;D submissions from industry. Continue using bulk conversion scanner to convert remaining legacy fiche documents to PDF and TIFF. Process and create online collection of DoD current research summaries. Continue project to modernize Electronic Document Management System (EDMS) to provide a COTS web-based input workflow, support for additional storage and dissemination formats, and a more maintainable system to process and store technical reports, and to preserve the legacy collection. Add reporting capabilities to EBIE; continue to expand data marts. Continue digitization of Air Technical Index until complete and data are incorporated into DTIC technical report resources.</p> <p><b>C. Disseminate Information:</b></p>				
			9020	
				9264
		<b>FY 2007</b>	<b>FY 2008</b>	<b>FY 2009</b>
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<p><b>FY 2007 Accomplishments:</b> Registered eligible customers for access to DTIC's limited-distribution and classified information resources, as well as other DoD assets not available to the general public, in order to assure a known customer base and adhere to the distribution limitations specified by DoD controlling agencies. Provided controlled electronic access to technical reports, research summaries and descriptions of independent research and development through DTIC's Private STINET and Classified STINET search engines and through the R&amp;E Portal. By means of Scheduled Searches, sent updated information to registered subscribers on topics of their choice. Provided access to electronic full text and citations of unclassified technical reports with no distribution limitations to the general public via Public STINET, Open Archives and data syndication technologies, thus addressing the Department's obligation to make such information available to the public. Provided access to technical and military journal indexes maintained by other Defense organizations through Public STINET. Supplied hardcopy documents for registered customers requiring these media; billed customers for hardcopy and resolved billing and shipping inquiries.</p> <p><b>FY 2008 Plans:</b> Register additional customers for access to DTIC's limited-distribution and classified information resources. Expand the audience of registrants eligible for access to the R&amp;E Portal to include all Federal employees and contractors. Continue to disseminate research and engineering information electronically, phasing out hardcopy. Continue to monitor customers' ongoing eligibility for access to DTIC's array of information products. Continue to develop information products and services that will enhance dissemination of DoD R&amp;E information. Monitor the classification and distribution limitations of R&amp;E documents for official downgrades, to facilitate dissemination to the public when permitted.</p> <p><b>FY 2009 Plans:</b> Register additional customers for access to DTIC's limited-distribution and classified information resources. Expand the audience of registrants eligible for access to the R&amp;E Portal to include all Federal employees and contractors. Continue to disseminate research and engineering information electronically, phasing out hardcopy. Continue to monitor customers' ongoing eligibility for access to DTIC's array of information products. Continue to develop information products and services that will enhance dissemination of DoD R&amp;E information. Monitor the classification and distribution limitations of R&amp;E documents for official downgrades, to facilitate dissemination to the public when permitted.</p> <p><b>D. Customer Information Assistance:</b></p>	3668			
			3643	
				3736
			<b>FY 2007</b>	<b>FY 2008</b>
			<b>FY 2009</b>	
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0400/BA 6 - RDT&E Management Support	PE 0605801KA/Defense Technical Information Center	001	
<p><b>FY 2007 Accomplishments:</b> Held Annual DTIC Conference for the purpose of introducing current and new products and services to the DoD community and providing a forum for exchange of information on new technologies and initiatives. Responded to technical queries received via numerous channels and maintained a customer call center. Participated in virtual reference/customer service consortia. Operated four Regional Offices for local service to the DoD community. Offered training classes in information retrieval, STINFO policies and other subjects that are part of DTIC's mission. Conducted briefings as requested, and staffed exhibits at technical and DoD conferences, to make DTIC known to the Defense community and to facilitate the registration of new customers.</p>		14485	
<p><b>FY 2008 Plans:</b> Hold Combatant Commanders Workshop and continue to hold Annual DTIC Conference for the purpose of ascertaining participants' information needs, introducing current and new products and services to the DoD community, and providing a forum for exchange of information on new technologies and initiatives. Continue to respond to technical queries received via numerous channels; maintain a customer call center; and offer reference/customer service through the R&amp;E Portal as well as through virtual reference/customer service consortia. Continue to operate Regional Offices for local service to the DoD community. Continue to offer training classes, conduct briefings, and staff exhibits at a growing number of conferences. Resume conducting customer satisfaction surveys on DTIC's overall success at fulfilling its mission and on the utility and usability of specific information tools. Continue to expand marketing efforts to grow the number of DTIC registered users.</p>			14363
<p><b>FY 2009 Plans:</b> Hold Combatant Commanders Workshop and continue to hold Annual DTIC Conference for the purpose of ascertaining participants' information needs, introducing current and new products and services to the DoD community, and providing a forum for exchange of information on new technologies and initiatives. Continue to respond to technical queries received via numerous channels; maintain a customer call center; and offer reference/customer service through the R&amp;E Portal as well as through virtual reference/customer service consortia. Continue to operate Regional Offices for local service to the DoD community. Continue to offer training classes, conduct briefings, and staff exhibits at a growing number of conferences. Resume conducting customer satisfaction surveys on DTIC's overall success at fulfilling its mission and on the utility and usability of specific information tools. Continue to expand marketing efforts to grow the number of DTIC registered users.</p>			14756

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<b>E. Information Science and Technology:</b>		<b>FY 2007</b>	<b>FY 2008</b>	<b>FY 2009</b>
<p><b>FY 2007 Accomplishments:</b> Disseminated over 700,000 citations with handle information to Google and other Internet search engines. Registered DTIC repository with OAI Registry so that OAI data and service providers are aware of its existence. Created metrics in the Web log to track document downloads. Included OCLC as part of this digital network through WorldCat. Made DTIC's existing repository OAI-PMH 2 compliant. Moved the OAI repository to a new server. Implemented Sitemap protocol. Developed and began to test software to automatically extract metadata from documents without RDPs. Entered into a partnership with the Government Printing Office (GPO) to enhance and expand the capability to automatically extract metadata from additional types of documents. Provided briefings on the metadata extraction project at the Library of Congress, the DTIC Users Conference, and at the GPO Federal Depository Library Program Conference. For the DTIC Unclassified/Unlimited U2 collection, developed a Defense Virtual Information Architecture (DVIA) prototype that utilizes a digital objects repository and Open URLs. The DVIA functionality included intuitive navigation of technical report metadata, Open URL calls to provide user context, dynamic set searches, multi-search, subset search, item counts, displayable searches, displayable search history, and the ability to enter DVIA directly from external digital documents and system. Developed an RSS feed capability for the TRAIL System. Developed an input system to support the creation of non-textual digital objects. Upgraded the corporate portal enterprise software and components to the latest version. Developed and deployed the Equal Employment Opportunity (EEO) and No Fear training courses on the corporate portal. Added interface enhancements to the SBIR performance tool and provided integration with the Federal Government-wide E-authentication program. Assisted on number of interagency/professional service initiatives as members of the task groups. Implemented the Advanced Distributed Learning Registry for the sharing of learning objects.</p> <p><b>FY 2008 Plans:</b> Enhance the metadata extraction capabilities from multiple document pages that includes template engine enhancements. Develop additional capabilities for automated metadata extraction such as standard metadata output in DTIC format, use of Prime OCR as OCR engines, removal of hard coded dependencies, and documentation. Integrate the software developed to create MARC records in OCLC format with the OAI. Speed up the dissemination of OAI records into WorldCat. Implement the Graphical User Interface (GUI) with OAI. Investigate the implementation of the DVIA Search capabilities in Private STINET to</p>		4625		
			4588	
<p>R-1 Shopping List - Item # 143 Page 9 of 14</p>				

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<p>enable the searching of the Unclassified/Limited UL collection. Enhance the DTICKER intranet portal through the prototype incorporation of Web 2.0 collaboration capabilities including Wikis, blogs, mash-ups, and RSS feeds. Integrate portlets to support business intelligence tools and content management. Enhance the SBIR performance support tool to include additional support for document reviewers and all digital document submitters. Complete the Search and Retrieval study and make recommendations to enhance the DTIC's current search and retrieval systems. Investigate in detail the issues surrounding the long term preservation of DTIC's both print and nonprint collections which includes identification, process, development, methods and techniques for the longterm preservation of digital objects. Assist on interagency/professional service initiatives as members of the task groups. Investigate PDF/A as a preservation standard for technical reports in DTIC's collections. Perform a study on universal usability and its relevance to DTIC.</p> <p><b>FY 2009 Plans:</b> Develop additional automated metadata extraction capabilities such as template creation tools, process text PDFs and provide training. Integrate the metadata extraction software with the DTIC's document processing system. Develop an OAI harvester to harvest materials of interest to DoD from other sites. Develop a RSS feed for OAI. Transition the Defense Virtual Information Architecture (DVIA) capability into production. Provide software tools that will allow the development of portlet applications without programming experience. Implement an e-learning course to capture tacit knowledge from departing DTIC employees and impart it to new hires. Assist in the implementations of the recommendations from the DTIC search and retrieval study. Assist and monitor the implementation of the long-term preservation plans developed for DTIC's print and nonprint collections. Assist on interagency/professional service initiatives as members of the task groups.</p> <p><b>F. Component Information Support:</b></p> <p><b>FY 2007 Accomplishments:</b> Provided solutions and applications in response to the requirements of the Director, Defense Research &amp; Engineering (DDR&amp;E) and other DoD Components. Supported DDR&amp;E by: Redesigning the R&amp;E Portal to improve navigation, information sources and access, as well as system capacity; developing the Reliance 21 Database and Collaboration Tool; designing and implementing the Defense S&amp;T Planning and the Prize Authorization websites; and adding new enhancements to the Congressional Budget Query Website. Continued program management, project management, and hosting services for 29 existing DDR&amp;E websites, databases and tools including: the annual eGov data</p>				
				4711
		<b>FY 2007</b>	<b>FY 2008</b>	<b>FY 2009</b>
6560				

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<p>call automated system, Technology Area Review and Assessment (TARA), Rapid Reaction Technology Office (RRTO) and the Research and Development Descriptive Summaries (RDDS) websites. Also provided applications for other DoD Component Organizations including the Joint Staff, Washington Headquarters Services (WHS), USAF HQ, and the Defense Human Resources Activity (DHRA) as well as DoD task forces and joint efforts. Completed the development of the following new products: Joint Staff - Decision Support Environment Calendar and Portlets and the Total Force Policy Review Website; WHS - Redesign of DoD Issuances Website; USAF HQ - Aircraft and Personnel Automated Clearance System; DHRA - Common Access Card and DHRA Websites. Other Components - Defense Task Force on Sexual Assault in the Military Services; Joint efforts - Air &amp; Space Interoperability Council Collaboration Tool and US-UK Interoperability Commission Website and Collaboration Tool. Continued to provide project management, customer liaison and hosting support for an additional 73 DoD Component Websites, databases and tools. Investigated and implemented new technologies to meet client requirements for netcentric enterprise computing and collaborative work environments. Implemented a Web Services application for the AF Scientific and Technical Enterprise System and WIKI/blog applications for the Mine Resistant Ambush Protected (MRAP) Task Force and for DTIC internal project staff. Successfully implemented demonstration of single sign on capabilities using the DoD Common Access Card.</p> <p><b>FY 2008 Plans:</b> Continue to provide integrated solutions and information technology (IT) applications for DDR&amp;E and other Component Organizations as follows: For DDR&amp;E - develop and enhance the Defense Technology Search (DTS) to provide improved consolidated search tools for Research and Engineering (R&amp;E) databases. Complete implementation of the business intelligence tools for the R&amp;E Portal to improve analysis capabilities. Implement data visualization tools and data mining capabilities on the R&amp;E Portal. Develop and implement new websites and tools including the DoD Comptroller's XML R-2 Exhibits database and collection tool and additional tools for collaboration among the R&amp;E Community. Provide program management, project management, application enhancement and hosting services for existing DDR&amp;E applications. For other DoD Components - continue to provide solutions and applications in response to the requirements of the Components including customer liaison, project management, enhancements and hosting services for their existing websites, databases and tools. Develop and implement for the Joint Staff additional portlets and tools for the Decision Support Environment Portal Phase II development. Rehost and reengineer applications for the Intellectual Property Management Information System. Investigate</p>			
		6403	

<b>Exhibit R-2a, PBR 2009 Defense Technical Information Center RDT&amp;E Budget Item Justification</b>		<b>DATE:</b> February 2008		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400/BA 6 - RDT&E Management Support		<b>R-1 ITEM NOMENCLATURE</b> PE 0605801KA/Defense Technical Information Center		<b>PROJECT NUMBER</b> 001
<p>new technologies and processes to enhance DTIC's IT infrastructure and support client requirements for a SIPRNET collaborative environment. Expand Web Services netcentric applications to projects sponsored by the Air Force and Army. Complete Implementation of an eAuthentication instance using technology and processes sponsored by an OMB initiative. Expand Common Access Card single signon capabilities.</p> <p><b>FY 2009 Plans:</b> Continue to provide integrated solutions and information technology (IT) applications for DDR&amp;E and other Component Organizations. Develop and implement new websites and tools including databases, collection tools, and additional tools for collaboration among R&amp;E Community members. Provide program management, project management, application enhancement and hosting services for existing DDR&amp;E applications. For other DoD Components - continue to provide solutions and applications in response to the requirements of the Components including customer liaison, project management, enhancements and hosting services for their existing websites, databases and tools. Investigate new technologies and processes to enhance DTIC's IT infrastructure and support client requirements.</p> <p><b>G. Information Analysis Center:</b></p> <p><b>FY 2007 Accomplishments:</b> Provided basic core contract operations for 9 DoD IACs to collect, analyze, synthesize and disseminate worldwide Scientific and Technical Information (STI) in support of DoD's critical technologies and the warfighter. Provided in-depth analysis services and created STI products. Responded to technical inquiries; prepared state-of-the-art reports, handbooks and databooks; performed technology assessments; and supported the exchange of information among the respective communities. Began recompute for Data &amp; Analysis Center (DAC) and Information Assurance Technical Analysis Center (IATAC). Implemented a new metrics System for all IAC's and finalized plans for Total electronic management system (TEMS) conversion. Managed and supported Technical Area Tasks (TATs) efforts ordered by the DoD and non-DoD customers.</p> <p><b>FY 2008 Plans:</b> Provide basic core contract operations for 10 DoD IAC's to collect, analyze, synthesize and disseminate worldwide Scientific and Technical Information (STI) in support of DoD's critical technologies and the warfighter. Provide in-depth analysis services and create STI products. Respond to technical inquiries; prepare state-of-the-art reports, handbooks and databooks; perform technology assessments; and support the exchange of information among the respective communities. Wrap-up recompetes for both DAC's and IATAC in FY 08. Begin recompute effort for Weapon System Technology Information Analysis</p>				
				6681
		<b>FY 2007</b>	<b>FY 2008</b>	<b>FY 2009</b>
		8355		
	8262			

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Center (WSTIAC) FY08. Manage and support Technical Area Tasks (TATs) efforts ordered by the DoD and non-DoD customers.				
<p><b>FY 2009 Plans:</b> Provide basic core contract operations for 10 DoD IAC's to collect, analyze, synthesize and disseminate worldwide Scientific and Technical Information (STI) in support of DoD's critical technologies and the warfighter. Provide in-depth analysis services and create STI products. Respond to technical inquiries; prepare state-of-the-art reports, handbooks and databooks; perform technology assessments; and support the exchange of information among the respective communities. Wrap-up recompetete effort for Weapon System Technology Information Analysis Center (WSTIAC). Recompetete IAC contracts for Modeling and Simulation Information Analysis Center (MSIAC) and Chemical, Biological, Radiological and Nuclear Defense Information Analysis Center (CBRNIAC) FY09. Manage and support Technical Area Tasks (TATs) efforts ordered by the DoD and non-DoD customers.</p> <p><b>H. S&amp;T Information Partnership Activities:</b></p> <p><b>FY 2007 Accomplishments:</b> Was active member of interagency and public/private S&amp;T information organizations, which share best practices and technologies, including in areas such as intellectual property rights, use of metadata, distribution limitations and content management. Served as information management consultants to DoD activities and to other Government agencies and repositories (such as, NSF, NTIS). Received, processed and disseminated information from Foreign STI organizations as agreed through Memoranda of Understanding. Voting member for DoD for the ANSI Z committee, also called National Information Standards Organization (NISO).</p> <p><b>FY 2008 Plans:</b> Plan to be an active member of interagency and public/private S&amp;T information organizations, which share best practices and technologies, including areas such as intellectual property rights, use of metadata, distribution limitations and content management. Serve as information management consultants to DoD activities and to other Government agencies and repositories. Receive, process and disseminate information from foreign STI organizations as agreed through Memorandum of Understanding. DoD voting member for the ANSI Z committee, also called the National Information Standards Organization (NISO).</p> <p><b>FY 2009 Plans:</b> Plan to be an active member of interagency and public/private S&amp;T information organizations, which share best practices and technologies, including areas such as intellectual property</p>			8510	
		<b>FY 2007</b>	<b>FY 2008</b>	<b>FY 2009</b>
		1624		
			1615	
				1655
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rights, use of metadata, distribution limitations and content management. Serve as information management consultants to DoD activities and to other Government agencies and repositories. Receive, process and disseminate information from foreign STI organizations as agreed through Memorandum of Understanding. DoD voting member for the ANSI Z committee, also called the National Information Standards Organization (NISO).			
<p><b>E. Performance Metrics</b></p> <p>Collect Information: Total STI records collected and selected.</p> <p>Format/Process/Preserve Information: STI records formatted/processed/preserved.</p> <p>Disseminate Information: Total STI records disseminated.</p> <p>Customer Information Assistance: DTIC Code of Service Composite Score.</p> <p>Information Science and Technology: Percent of R&amp;D goals achieved.</p> <p>Component Information Support: Product delivery.</p> <p>Information Analysis Center: Number of IAC Technical Inquiries.</p> <p>S&amp;T Information Partnership Activities: FTE Utilization of STI partnerships.</p>			
<p>R-1 Shopping List - Item # 143 Page 14 of 14</p>			