

AIR FORCE RESEARCH LABORATORY
ROME NEW YORK

ORDER No. RX60

WORK DESCRIPTION

FOR

DISASTER RECOVERY AND INTELLIGENCE PRODUCTION SUPPORT

PCSN E-5-1349

17 AUGUST 2005

CONTRACT No. FA8771-04-D-0004 RX60

ATTACHMENT No. 2

4.0 TECHNICAL REQUIREMENTS.

4.1 The contractor shall support the design, development, installation, and implementation of integrated Disaster Recovery (DR) preparation, Regional Service Center (RSC) standup and Continuity of Operations (COO) planning that effectively synchronizes the execution of effort across designated Operational Commands, Air Force Science and Technology Centers and the Defense Intelligence Agency (DIA).

4.1.1 Implement a common Microsoft Exchange 2003 (MSE 2003) system throughout the Global Enterprise Service (GES) at five (5) RSCs and for the local users at each site. Develop the MSE 2003 system installation and integration to have minimal impact to end users and provide COO in the event of service failure at any RSC. Coordinate a prioritized approach towards accomplishing the final implementation. (CDRL A010)

4.1.1.1 Develop an MSE 2003 migration plan and coordinate such planning with representatives from the RSC Program Management Office (PMO), the Enterprise Storage Services (ESS) Working Group and the Global Enterprise Services (GES) Working Group to ensure an MSE 2003 solution consistent with the objectives of the DIA RSC program. (CDRL A005)

4.1.1.2 Establish the RSC Baseline Configuration. (CDRL A006)

4.1.1.2.1 Evaluate the prototype Microsoft Exchange architecture at the Merrifield RSC Integration Test Facility (RITF).

4.1.1.2.2 Evaluate the DIA Team accomplishments with migration to Microsoft Exchange.

4.1.1.2.3 Assist in the selection of migration tools by participating in Design Working Groups with the RITF and DIA PMO.

4.1.1.3 Migrate to MSE 2003 at the DIA Center.

4.1.1.3.1 Review the existing DIA documentation including hardware and software architecture, business rules and processes, and review any preparatory work accomplished to date.

4.1.1.3.2 Evaluate what needs to be accomplished to establish and develop a migration plan to complete the DIAC migration, to include the migration of users, email boxes, files and shares.

4.1.1.3.3 Update documentation to reflect the completed migration. (CDRL A013)

4.1.1.4 Migrate MSE 2003 at the Western RSC and Southeast RSC.

4.1.1.4.1 Perform a site survey to include hardware, software and architecture considerations. (CDRL A007)

4.1.1.4.2 Develop and execute a RSC Migration Plan, to include the migration of users, mailboxes, files, and shares. (CDRL A005)

4.1.1.4.3 Update documentation to reflect the completed migration. (CDRL A013)

4.1.1.5 Migrate MSE 2003 at the EUCOM and PACOM RSC.

4.1.1.5.1 Perform a site survey to include hardware, software and architecture considerations. (CDRL A007)

4.1.1.5.2 Develop and execute a RSC Migration Plan, to include the migration of users, mailboxes, files and shares. (CDRL A005)

4.1.1.5.3 Update documentation to reflect the completed migration. (CDRL A013)

4.1.2 DR efforts for Secret Internet Protocol Router Network (SIPRNet), Joint Worldwide Intelligence Communications System (JWICS) and select operational Area(s) of Responsibility (AOR). (CDRL A009)

4.1.2.1 Conduct independent engineering assessments, analytical studies, feasibility/impact analyses, requirements analyses, system trade-off studies, architecture analyses, system

specification, and hardware configuration designs for the development of an Enterprise Storage Architecture. Coordinate with planning activities for DR, COO, RSC concepts, designs and policy, operational or functional continuity, and other planning related to maintaining mission-essential functions.

4.1.2.2 Validate operational command requirements for recovery and reconstitution of mission critical (MC) and mission essential (ME) functions.

4.1.2.3 Collect, review, and analyze data on the designated Operational Commands IT requirements, for data, application, system, network and communication architectures.

4.1.2.4 Identify the assets essential to conducting, developing, and delivering intelligence products and services that enable ME and MC functions.

4.1.2.5 Provide cost benefit and cost effectiveness analysis of requirement satisfaction options based on independent analysis and provide recommendations.

4.1.2.6 Support the sites in the preparations necessary to recover mission capabilities consistent with site mission priorities for defense intelligence products, applications and services. Participate in the management of security access, preparation of security clearances, and liaison with Government security Point of Contacts (POCs). (CDRL A011 and A012)

4.1.2.7 Provide for application recovery at the supported sites to ensure that applications remain available for production.

4.1.2.8 Identify and recommend dependencies found during the development of DR, COO and RSC solution strategies as they relate to interoperability issues. Identify command and control concerns and develop solutions to issues that arise during integration and installation.

4.1.2.9 Identify and recommend emerging enterprise storage and recovery technologies that can be adopted in support of the Operational Commands IT infrastructure.

4.1.2.10 Participate in technical reviews, planning meetings, demonstrations, testing, experiments, and exercises for existing and new DR/COOP systems to support DoD DR/COOP/RSC planning. Assemble, demonstrate, and evaluate advanced technology prototypes for new applications and systems. (CDRL A004)

4.1.2.11 Develop presentations that include background, technical, and budgetary information for decision makers. Maintain presentations that represent the current DoD DR/COOP/RSC vision and plans for specific Operational Commands. (CDRL A004 and A013)

4.1.3 Reporting.

4.1.3.1 Continually determine the status of the effort and report progress toward accomplishment of Order requirements. (CDRL A001 and A002)

4.1.3.2 Continually determine the status of funding required for Order performance. (CDRL A003)

4.1.3.3 Conduct oral presentations, reviews, and meetings at such times and places specified in the Order schedule. Provide status of technical progress made to date in performance of the Order. (CDRL A004)

4.1.3.4 Document the outcome and findings collected during travel. (CDRL A008)