

**USA INTELLIGENCE & SECURITY COMMAND,
DIRECTORATE OF CONTRACTING, IACP-DOC,
8825 BEULAH STREET, FORT BELVOIR, VA 22060-5246
(Hard Copies will not be issued)**

PR# W911W4-04-R-IDC1

Date: 18 June 2004

Directorate of Contracting-IACP

Subject: Request for Proposal for Services in Accordance with the Attached Statement of Work (SOW).

This is a request for proposal under a GSA Schedule Contract, in accordance with FAR Part 8. This request for proposals is set-aside for Small Business Concerns as defined under FAR Part 19.5. The North American Industry Classification System (NAICS) for this acquisition is 541511. Your proposal should include a price and technical proposal as well as any other company specific information or costs not covered herein or attached, to include a copy of your GSA schedule contract. Your proposal should be a detailed proposal demonstrating the ability to meet each task listed in the SOW (attached). Include in the proposal the names, social security numbers, and clearance level of each proposed employee. The contract line items are structured as follows:

Base Period (25 July 2004- 24 July 2005)

CLIN 0001 – Labor

CLIN 0002 – Other Direct Costs (including travel and materials) –

Reimbursement for ODCs shall be at cost plus G&A of insert percentage.

NO PROFIT OR FEE ALLOWED.

Option 1 (25 July 2005 – 24 July 2006)

CLIN 0003 – Labor

CLIN 0004 – Other Direct Costs (including travel and materials) –

Reimbursement for ODCs shall be at cost plus G&A of insert percentage.

NO PROFIT OR FEE ALLOWED.

Option 3 (25 July 2006 – 24 July 2006)

CLIN 0005– Labor

CLIN 0006 – Other Direct Costs (including travel and materials) –

Reimbursement for ODCs shall be at cost plus G&A of insert percentage.

NO PROFIT OR FEE ALLOWED.

This procurement is being solicited in accordance with the GSA FSS simplified acquisition method. Email your proposal to Ms. Gloria J. Hebron, ghebron@inscom.army.mil, Contract Specialist, by 1:00, E.S.T., on 28 June 2004. Reference W911W4-04-R-IDC1 on all email.

The U.S. Army Intelligence and Security Command anticipate a fixed price delivery order against a GSA contract to satisfy this requirement.

1.1 INSTRUCTIONS TO OFFEROR

Offeror shall provide sufficient information to allow the Government to conclude that the Offeror is ready, willing, and able to perform all aspects and elements of the Statement of Work. Offeror is encouraged to provide his most favored discounted labor rates in accordance with their GSA FSS. The proposals shall demonstrate the following:

a. Understanding of the requirement – The vendor must demonstrate in-depth knowledge and understanding of software development and intelligence information distributed architecture at the tactical and theater levels, and the interaction of those levels with national levels of intelligence information distribution. The vendor must demonstrate knowledge and understanding of INSCOM organizations, and the role of those organizations in the collection and dissemination process. The vendor must demonstrate knowledge and understanding of distributed analytical intelligence applications, such as Cities of Information, Starlight, Renoir Plus, LSI, and GIS family of software that are used to produce data, information and processes that information-set into actionable conclusions.

b. Corporate experience – The vendor must demonstrate experience with INSCOM requirements for information management, intelligence operations, and network operations. Operations in overseas locations are imperative, and the vendor must be able to demonstrate experience in SOFA conditions, particularly TESA requirements in the Federal Republic of Germany. The vendor must demonstrate ability to manage a global workforce in compartmented operations and must demonstrate experience with accreditation and certification of temporary and permanent security networks and facilities.

c. Personnel qualifications – The vendor must propose personnel with experience in Army tactical intelligence organizations from the battalion to the MACOM levels. The contractor workforce will be approximately 80-100 personnel with skill sets commensurate with the above requirements and experience at start of work

1.2 CONDITION OF AWARD

1.2.1 The contractor personnel assigned to work under this contract shall have a Top Secret clearance based a Single Scope Background Investigation at time of contract award. Contractor must have all cleared personnel at time of award. By the date of contract award, contractor personnel who will be working on this contract must meet the Director, Central Intelligence Directive 1/14 (DID-1/14) eligibility requirements. The DCID 1/14 requirements are determined by the United States Army Personnel Security Clearance Facility. The contractor is responsible for obtaining all necessary security clearances for contractor personnel. **THIS IS A CONDITION OF AWARD.**

1.2.2 The contractor's GSA Schedule contract must be fully compliant with Article 73 of the NATO SOFA for all technical expert personnel proposed for positions within Germany and any other area that imposes a "Technical Expert" or similar criteria during the life of this contract at time of award. THIS IS A CONDITION OF AWARD.

1.3 BASIS FOR AWARD

Award will be made to the Offeror whose proposal is determined to be the Best Value to the Government based on the evaluation factor above. Additionally, the successful Offeror's proposal must demonstrate the capability to meet the conditions of award as stated in paragraph 1.2 above. In the event that two proposals are determined to be essentially equal considering only non-cost factors, then award may be made to the proposal offering the lower evaluated cost.

The Government intends to award one (1) contract as a result of this GSA request for proposals. Multiple awards will not be made. The Government however, reserves the right to make no award as a result of this request for proposals, if, upon evaluation, none of the proposals are deemed likely to meet the management requirements at an acceptable level of risk and/or cost.

1.4 LATE BID/PROPOSAL PROVISIONS

Offerors are responsible for submitting proposals, and any modifications or revisions, so as to reach the Government office designated in the solicitation by the time specified in the solicitation. Any proposal, modification, or revision received at the Government office designated in the solicitation after the exact time specified for receipt of offers is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late offer would not unduly delay the acquisition

Please address questions concerning this effort to Ms. Hebron at ghebron@inscom.army.mil. Reference W911W4-04-R-IDC1 on all correspondence.

STATEMENT OF WORK

INSCOM Information Dominance Center Technical, Engineering, Integration, and Operational Support

1 Background

The INSCOM Information Dominance Center (IDC) is the Army's Tactical Operations Center (TOC) for counter terrorism, counter intelligence, counter narcotic, and computer network operations. In addition, INSCOM is the Service Cryptologic Element (SCE) for NSA. This enables INSCOM access to a unique set of intelligence products previously unavailable to the military intelligence community. Both U.S. policy and inter-agency competition prohibited the cooperative exchange of intelligence products before Sept 11th. INSCOM has initiated a program to fuse and visualize this multi-source, multi-modal data to aid the Counter Terrorist Analyst in developing tangible and targetable information. The unique aspect of this

environment is the simultaneous integration of distributed analysts on a heterogeneous but virtually integrated data set made possible by a fault tolerant hardware and software architecture.

In FY 02, an unclassified processing test bed was established followed by a classified staging/configuration management test bed, and a classified distributed collaborative analytical environment that leverages all INSCOM Military Intelligence Units. The test beds are supported by advanced visualization systems and GIS applications. The highly classified nature of the IDC prevents any access by unclassified providers of software solutions resulting in a substantial number of candidate technologies not being able to contribute easily to this problem domain. With the availability of an unclassified test bed for prototyping, operational development and experimentation software providers are much more able to interact and contribute to this critical problem domain. The classified staging test bed allows applications that look promising to be tested and matured on operational data without impacting on-going operations. The Distributed collaborative analytical environment is the result of the transitioned technology and represents a leap ahead capability for Army Intelligence support to the Theater CINC's. The distributed collaborative analytical environment is a core part of the INSCOM IDC. It has nodes manned by INSCOM IDC personnel in the each of the following locations: two in Germany, two in Korea, Hawaii, Kuwait, two in Georgia, Florida, Charlottesville, and five in the Baltimore/Washington area. The current instantiation of the Cities of Information (COI) metaphor is based on a COTS foundation (JAVA, Open Scene Graph, JBOSS, JMS) and installed at the IDC. Extending the range of this metaphor by providing the required technical, engineering, integration, and operational support to global IDC architecture is the purpose of this task order.

This support needs to be continued through July 2005 in order to provide continuity of support to the COI development program.

2 Objective

The objective of this Task Order (TO) is to continue to provide technical, engineering, integration, and operational support as a logical follow on to the prior year's technical support to the distributed collaborative analytical environment of the INSCOM IDC specifically focused on maximizing effective use of the COI metaphor. This includes the unclassified test bed, the classified staging test bed, and operational IDC nodes.

3 Scope

The contractor shall furnish the necessary personnel, material, equipment and data to successfully perform the following tasks.

4 Tasks

The contractor shall provide support in the technology areas that support the five Intelligence mission areas of the INSCOM IDC to include Counter Terrorism, Counter Intelligence, Counter Narcotic, Computer Network Operations and Information Operations. The contractor shall specifically provide technical, engineering, integration, and operational support focused on the COI metaphor in five applicable technology focus areas and multiple supporting technology areas.

4.1 Systems Engineering

The focus areas to be supported by the contractor are data mining, entity extraction and link analysis, visualization, man machine interfaces, and collaboration as described below:

- Data mining includes analysis of structured data such as financial, telephone and airline information but also includes non-structured analysis involving text documents and natural language processing.
- Visualization includes data and situation awareness visualization in 2 and 3 D.
- Man machine interfaces includes interactive / smart display technology, user centered design methods and advanced display systems.
- The two supporting area include database and system administration (including network operations).

4.2 Analytic Engineering

- Entity Extraction and Link Analysis includes adding structure to non-structured documents and finding relations within and among documents.
- Collaboration includes working as teams, argumentative environments, and computer support synchronous work.
- At a minimum, understand and be able to use COI related tools such as Starlight, CCM, data surfer, AIM, IR, GIS, LSI, and the STK applications in operation at the IDC.

4.3 Testbed Operations and Maintenance

- The contractor shall continue to provide and maintain an unclassified prototyping/demonstration test bed to perform the evaluations and facilitate the technology transfer to the IDC. By providing an unclassified test bed it is envisioned that INSCOM will gain access to a larger supplier of technology providers. It is envisioned that specialized support may be required to perform these evaluations (e.g. Specific world class experts). In most cases prototyping to adequately evaluate these technologies against representative data sets will be necessary. The prototyping test bed shall be maintained by the contractor to facilitate access to technology providers and the software development community with emphasis on maximizing the use of the COI metaphor. The contractor shall continue to provide a dedicated space to be managed by the contractor.
- The contractor shall transition support to the classified test bed that was initiated under a separate task.

4.4 Management

Program Management Positions. The contractor shall provide program management support that will be the single point of contact for execution of this program.

(1) Program Manager. A Program Manager with authority to accept tasking from the COR. The Program Manager shall be responsible for execution of this contract, generation of reports and maintenance of cost and schedule functions. The Program Manager shall organize the support effort along functional lines outlined in this SOW. Matrix support is encouraged. The Program Manager shall be the single point of contact for all COR directed changes to the contract.

(2) Security Officer. The contractor shall assign a Security Officer with authority to manage facility and personnel security issues. The Security Officer will coordinate all security issues with the INSCOM Security Officer.

(3) Contract/Task Management. The contractor shall assign an individual to be responsible for contracting and task management functions of this contract and shall be responsible for documentation of all change orders directed by the COR.

- The contractor shall provide a technical manager to manage all aspects of the program.
- The contractor shall review technical progress through constant interaction with the COR against all tasks in the SOW.
- The contractor shall have monthly financial reviews with the COR reviewing all cost associated with the contract.

4.5 Longer term Architecture

4.5.1 Business Processes

The contractor shall document the baseline operational processes within the IDC as they should occur to leverage the technology being provided to INSCOM. At a minimum the processes should cover the development of people, places, and linkages for missions presently being worked in the IDC. Focus will be on the interface to COI and includes mapping of the present tool set to those processes shall be provided. The contractor shall revise the document as the information architecture and hardware/software architecture changes.

4.5.2 Core Representation

The contractor shall continue to maintain and update the core data base schemas being used by COI at INSCOM. This includes the INSCOM schemas associated with x-pipeline, IPB, and Guam.

4.5.3 Infrastructure Common Components

The contractor shall continue to support and maintain the core infrastructure software. At a minimum this includes the JBOSS middleware, the HTML status page, and the oracle instance on the necessary networks within the IDC.

4.6 Data Ingestion Maintenance

The contractor shall continue to support and maintain the IDC data ingestion process. This includes the ingestion of the DMHS feeds into the Guam Oracle instance. The ingestion shall operate in real time. The contractor shall maintain the tagging, AKA and sound-x algorithms of the ingestion process that are an integral element of COI.

4.7 Visualization maintenance

The contractor shall maintain the visualization process of the IDC, including candidate hardware to be field to the IDC. The software shall include COI and all associated tools. COI shall be modified to include collaboration capabilities.

4.8 Application Support

The contractor shall maintain and support the IDC analysis applications. This shall include at a minimum COI related tools such as Starlight, CCM, data surfer, AIM, IR, GIS, LSI, and the STK applications in operation at the IDC.

IDC/INSCOM DB. The contractor shall support maintenance and update of the IDC/INSCOM databases, including architecture, interface schema and data exchange. The contractor shall support and maintain the data ingestion processes such as XML tagging and extraction, surname translators such as contained in SOUNDEX and SOUNDEX like functions, and other data population processes, which update databases on a real time basis. The IDC has developed several tool sets that enable population of all-source and single source databases resident within the center. Other locally developed tool sets support analyst views and queries of multiple databases. In many instances the tagging and extraction operated on a real-time basis. These tool sets are based on HTML and XML tagging and extraction processes, thus the contractor must be able to demonstrate expertise in this discipline on a real-time basis that enables development of actionable intelligence reports from the data.

Software Applications. The IDC maintains a suite of analytical tool sets developed by third party vendors. In order to be effective, these suites of tools must interact with the IDC/INSCOM DB in order to enable intelligence analysis and reporting processes. The contractor shall support maintenance of these software applications under the operation and control of the IDC and of analysts within the IDC networks. This shall include such functions as setting logon permissions, look up tables, working with co-located software developers and vendors to install patches and releases and otherwise improve the functional processes of the applications, such as integration of XML tagging processes. These maintenance actions shall include middleware such as JBOSS, HTML status page, and Oracle interfaces.

Interface Control. The contractor shall maintain and document interface control software or other middleware that must be developed to support introduction of analytical applications, databases or middleware into the IDC architecture.

Baseline Integration. The contractor shall take such maintenance actions, including developing interface control software, in order to develop a seamless integrated IDC software baseline. The

contractor shall maintain the baseline and shall document changes to that baseline when they occur. The baseline shall be maintained through one configuration control document.

Technology Insertion. Through interaction with vendors and use of the unclassified and classified test bed, the contractor shall support technology insertion requirements identified by the Futures Division of the IDC. From time to time the COR may task the contractor to enter into agreements for third party vendors to deliver software for evaluation.

Intel Operations Business Processes. The contractor shall continue development of an intelligence process flow document that demonstrates the function and role of the information and software architecture of the IDC and how they contribute to development of actionable intelligence. The contractor shall take into consideration sources of data, data generation, flow and data-mining processes across networks, population of databases and interaction of analytical software with this data flow and data storage for the generation of intelligence reporting and identification of actionable intelligence data. The contractor shall develop schematics of these processes, and maintain them on a real time basis as the baseline or functions change.

Security Processes

The contractor shall support the DITSCAP accreditation and certification process in accordance with DODI 5200.40. The contractor shall conduct such tests and evaluations as required by the Accreditation Authority.

Application Accreditation. The contractor shall work with the software developer or vendor to assure that security accreditation can be achieved for the application and shall support maintenance of approved waivers that may be required pending further development by the developer.

4.9 External Support

Site Support. General. The contractor shall provide site support at those locations where IDC nodes have been established on temporary or permanent basis. The contractor shall provide technical operation and maintenance support as outlined in this statement of work. It is intended that the contractor provide personnel at these sites to accomplish the IDC support requirements, however, at the discretion of the COR some of this support may be provided on a virtual basis from the INSCOM IDC location or some of the specific locations may change based on operational needs of INSCOM.

(1) CONUS. CONUS based locations include 3 on-site personnel for INSCOM units plus 3 personnel to provide regional support for Non-INSCOM units. Sites include but are not limited to the following:

- Information Dominance Center, Ft. Belvoir, Virginia
- Contractor's location
- Ft. Gordon, Georgia (513th MI Bde, Rear)
- CENTCOM, McDill AFB, Florida

- Joint Counter Intelligence Analysis Group, Washington, DC
- Ft. Meade, Maryland (704th MI Bn)
- National Ground Intelligence Center
- Joint Intelligence Task Force
- Joint Intelligence Center Special Operations Forces
- Ft. Meade, Md (902d MI Bn)
- Criminal Investigative Task Force, Ft. Belvoir, Virginia
- Joint Warfare Analysis Center, Suffolk, Virginia
- Joint Forces Command

(2) OCONUS. Overseas sites may be supported on a permanent or rotating stationing of personnel, depending on the visa requirements or requirements of the host government. Where the contractor can show an economic benefit to the Government, the contractor is authorized, on a case by case basis, to enter into leasing arrangements for quarters or local transportation if such support is not provided for by the host government or collocated US Forces. It is the desire of the US Government that contract personnel assigned to this contract be afforded administrative and logistical support services afforded to US Armed Forces stationed overseas. OCONUS based locations include 3 on-site personnel for INSCOM units plus 3 personnel to provide regional support for Non-INSCOM units. Sites include but are not limited to the following:

- Darmstadt, Germany (66th MI Brigade)
- Afghanistan, CJTF 76
- Camp Doha, Kuwait ((513th MI Bde, fwd)
- Multinational Forces Baghdad Iraq
- SOUTHCOM (Guantanamo Bay, Cuba)
- Combined Forces Korea (501st MI Bde)
- USARPAC, Hawaii (500th MI Bde)
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(3) SOFA Requirements. No terms or conditions in this contract are intended to abrogate US Government Status of Forces Agreements with host governments. Specific SOFA requirements for Germany and the Republic of Korea are identified and incorporated in appendixes to this SOW.

4.10 Network Accreditation Support

The contractor shall provide support to INSCOM in developing documentation for the IDC Net collaborative environment accreditation required for COI to function. This includes the existing nodes and new nodes as they are identified.

The contractor shall provide security analysis of new hardware and software technologies being integrated into the IDC environment and revise documents as necessary. Specifically, the contractor will evaluate technologies for automation of cross security level data transfers and the separation and control of access to data based on policy. Contractor shall provide support for the update and maintenance of accreditation documents including the Systems Security Accreditation Authorization (SSAA) and any associated test plans, test procedures, and concepts

of operation. The contractor shall support meetings and briefings to accreditation authorities (i.e. DIA, NSA) on the concepts and approaches for implementation of security requirements on IDC networks.

4.11 IDC Network Support

The contractors shall maintain the appropriate software to the distributed collaborative analytical environment required for COI on the IDC networks. This shall include installation of necessary hardware and software to each of the distributed nodes. The contract shall provide support to the IDC personnel by training such personnel in the use and application of the transitioned technology. The contractor shall support the network operations necessary for the IDC analytical collaborative environment to operate effectively.

The contractor shall provide support for the transition and integration of new technologies into the INSCOM operational environment. This support shall include appropriate documentation and training of INSCOM support staff, modification of software configuration and establishment of appropriate monitoring and support procedures. The contractor shall also provide 24x7 on-call Level 3 help desk support for problems with COI software and related tools in the operational environment.

5. CONTRACTORS (TECHNICAL EXPERTS (TE)) WORKING IN GERMANY

The Contractor shall develop Technical Expert Status Accreditation (TESA) packages and submit personnel resumes and position descriptions that are fully compliant with Article 73 of the NATO SOFA for all technical expert personnel proposed for positions within Germany and any other area that imposes a "Technical Expert" or similar criteria during the life of this contract. A "Technical Expert" is someone who possesses a high degree of skill or knowledge for the accomplishment of complex tasks of a technical military nature, or of a technical scientific nature, as distinguished from routine mental, manual or physical processes. The skill and knowledge must have been acquired through a process of higher education or through a long period of specialized training and experience. Technical personnel that will or may travel in a TDY status to or be assigned PCS to Germany to positions approved as technical expert positions on this contract, shall possess advanced formal education or technical training, job knowledge, skills, and experience required to qualify themselves and be approved as Technical Experts by the German Government. Positions and personnel not normally considered for "technical expert status" are those classified as blue collar, craftsmen, tradesmen, or administrative and clerical positions and personnel. Contractors are responsible for fulfilling all requirements for TESA certifications.

Article 73 of the North Atlantic Treaty Organization (NATO) Status of Forces Agreement NATO (SOFA) Supplementary Agreement (SA) governs the introduction of civilian Contractors to Germany in support of U.S. Forces and their entitlement to Individual Logistics Support (access to facilities and immunity from German taxation and customs). Such support is limited to Contractors who are employed in a contract position which has been determined by the U.S. and German Governments to require a Technical Expert (TE) and who themselves have been approved by the U.S. and German Governments for employment in that position.

Article 73 defines a Technical Expert position as one that has a unique military or scientific purpose and has unique training, operation, and/or maintenance requirements.

In a departure from previous procedures, Contractors now must be granted Technical Expert status prior to commencing work in Germany. Contractors who are denied status may be permitted to work in Germany, but only with German Government issued Work Permit. This requirement is detailed in paragraph 12,(b)(aa) on the application of Article 73 of the NATO SOFA, Supplementary Agreement.

HQ USAREUR, DoD Contracting Personnel (DOCPER) is the U.S. Forces approval/disapproval authority responsible for receiving, reviewing, and processing all requests for Technical Expert Status Accreditation (TESA) and Technical Expert (TE) Exigency Clause Memorandums (ECM). A complete TESA package must be submitted for all PCS Contractor personnel assigned to any location in Germany. The ECM is submitted for TDY personnel only and is valid for a maximum of 90 days during which complete TESA packages must be prepared and submitted. TESA applications that are approved by DOCPER are forwarded to the German Government for final review and approval or disapproval.

Contractor personnel on a PCS assignment who are employed within Germany in a contract position that has been approved as a TE position must either qualify and be granted TE status or, if they cannot qualify for TE status, must apply for a German Work Permit. Contractor personnel in a 90 day or less TDY status working in Germany also need to have either TE status, a German Work Permit, or an approved ECM.

Travel Article 73 of the Status of Forces Agreement (SOFA) is defined in a series of briefings that can be accessed at the internet web address below. Current information regarding technical expert, exigency clause, ordinarily resident, TDY criteria, procedures for applying and submitting technical expert packages, and general questions and answers related to taxes, German Work Permits, etc., may be found on the internet world-wide web at:

www.chrma.hqusareur.army.mil/docper/briefings/article_73.htm

Points of Contact at DOCPER may be found at:

www.chrma.hqusareur.army.mil/docper/docper_pocs.htm

Exigency Clause Memorandum information may be found at:

www.chrma.hqusareur.army.mil/docper/exigency_memo.htm

6. Travel

The contractor must obtain advance approval from the Government COR prior to all travel.

7. Logistical Support

On a case-by-case basis at the direction of the Government COR the contractor shall arrange for lease agreements for facilities, lodging or local travel where such support is not provided by collocated US Government resources. The contractor is considered an "invited contractor" and

entitled to logistical support by US Government forces, including PX, Commissary, and rationed items.

8. Period of Performance

The period of performance is 25 July 2004 through 24 July 2005, with two – 1-year options.

9. Security Requirement

a) Facility. The contractor's facility must be certified for Top Secret in accordance with the Industrial Security Classification Guide.

The contractor personnel assigned to work under this contract shall have a Top Secret clearance based a Single Scope Background Investigation at time of contract award. Contractor must have all cleared personnel at time of award. By the date of contract award, contractor personnel who will be working on this contract must meet the Director, Central Intelligence Directive 1/14 (DID-1/14) eligibility requirements. The DCID 1/14 requirements are determined by the United States Army Personnel Security Clearance Facility. The contractor is responsible for obtaining all necessary security clearances for contractor personnel. THIS IS A CONDITION OF AWARD.

10. Deliverables

(a). Monthly Status Report. The contractor shall submit in contractor format an unclassified consolidated monthly status report for each of the SOW tasking. The report shall include significant actions, issues encountered and resolved (or unresolved), identify any Government actions that are pending, and estimates of future activities.

(b), Cost and Schedule Report: The contractor shall submit, in contractor format, a monthly cost and schedule report that outlines the actual and forecasted labor burn rates, travel expenditures, and other ODC expenses for the past month. The report shall include estimates of future expenditures for the following three-month period. The report shall summarize available funding and balance of funds remaining. The report shall contain a forecast of when the balance of funds remaining reaches the 80% level.

(c) Other reports as directed by the COR: Other reports may be necessary from time to time. These reports may include, but not limited to the following:

- Technical Evaluation Reports
- Security Accreditation Documents
- Interface Control Documents
- Configuration Control Documents