ORDER FOR SUPPLIES OR SERVICES

PAGE 1 OF PAGES 3

IMPORTANT: Mark all packages and papers with contract and/or order numbers. BPA NO. NRC-DR-33-10-365

1. DATE OF ORDER 9/14/10	2. CONTRACT NO. (If any) GS35F4704G
3. ORDER NO. NRC-T006 MODIFICATION NO.	4. REQUISITION/REFERENCE NO. 33-10-365T007

5. ISSUING OFFICE (Address correspondence to)
U.S. Nuclear Regulatory Commission
Div. of Contracts
Attn: Matthew J. Bucher
Mail Stop: TWB-01-B10M
Washington, DC 20555

6. SHIP TO:
a. NAME OF CONSIGNEE: U.S. Nuclear Regulatory Commission
b. STREET ADDRESS: Attn: William Carrier
Mail Stop: 06-D3M
William.Carrier@nrc.gov
c. CITY: Washington | d. STATE: DC | e. ZIP CODE: 20555

7. TO:
a. NAME OF CONTRACTOR: ADVANCED TECHNOLOGY SYSTEMS INC
A T S C
b. COMPANY NAME:
c. STREET ADDRESS: 7925 JONES BRANCH DR
d. CITY: MC LEAN | e. STATE: VA | f. ZIP CODE: 221023343

f. SHIP VIA:

8. TYPE OF ORDER
[ ] a. PURCHASE — REFERENCE YOUR _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.
[X] b. DELIVERY — Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.

9. ACCOUNTING AND APPROPRIATION DATA
B&R #:010-15-5G1-348 JC:J1411 B.O.C.:252A APPN:31X0200.010
Obligates Funds: $194,800.00 FSS Number:10070790
DUNS Number: 037753399

10. REQUISITIONING OFFICE: OIS

11. BUSINESS CLASSIFICATION (Check appropriate box(es))
[ ] a. SMALL [X] b. OTHER THAN SMALL [ ] c. DISADVANTAGED [ ] g. SERVICE-DISABLED VETERAN-OWNED
[ ] d. WOMEN-OWNED [ ] e. HUBZone [ ] f. EMERGING SMALLBUSINESS

12. F.O.B. POINT: N/A

13. PLACE OF a. INSPECTION	13. PLACE OF b. ACCEPTANCE	14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	16. DISCOUNT TERMS
NRC Headquarters	NRC Headquarters	N/A	See SOW	N/A

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	This is a Labor Hour (LH) task order. The contractor shall perform the requirements specified in the Statement of Work, see attachment 1. Page two (2) contains a breakdown of the labor category, hours and billing rate. NRC Project Officer: William Carrier 301-415-5778 Contractor [redacted] Obligation: $194,800.00 Ceiling: $196,400.00 Period of Performance: 9/27/2010-9/30/2011				See CONTINUATION Page	

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.	17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO: a. NAME: Department of Interior / NBC NRCPayments@nbc.gov			
	b. STREET ADDRESS (or P.O. Box): Attn: Fiscal Services Branch - D2770 7301 W. Mansfield Avenue			17(i). GRAND TOTAL
	c. CITY: Denver	d. STATE: CO	e. ZIP CODE: 80235-2230	$194,800.00

22. UNITED STATES OF AMERICA BY (Signature): Joseph L. Widdup

23. NAME (Typed): Joseph L. Widdup
Contracting Officer
TITLE: CONTRACTING/ORDERING OFFICER

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TEMPLATE - ADM002

SUNSI REVIEW COMPLETE

OPTIONAL FORM 347 (REV. 2/06)
PRESCRIBED BY GSA/FAR (48 CFR) 53.213(f)
ADM002

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER	CONTRACT NO.	ORDER NO.
	GS35F4704G	NRC-T006

ITEM NO. (A)	SUPPLIES OR SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)
0001	Project Manager (Not-To-Exceed Ceiling)	[redacted]	HR	[redacted]	[redacted]	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

A.1 52.232-19 AVAILABILITY OF FUNDS FOR THE NEXT FISCAL YEAR (APR 1984)

Funds are not presently available for performance under this contract beyond $194,800.00. The Government's obligation for performance of this contract beyond that date is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment may arise for performance under this contract beyond $194,800.00, until funds are made available to the Contracting Officer for performance and until the Contractor receives notice of availability, to be confirmed in writing by the Contracting Officer.

SUPPORT SERVICES FOR THE ADAMS P8 SYSTEMS

1.0 BACKGROUND

The U. S. Nuclear Regulatory Commission (NRC) ensures that the nation safely uses radioactive materials for beneficial civilian purposes while ensuring that people and the environment are protected. The NRC regulates commercial nuclear power plants and other uses of nuclear materials, such as nuclear medicine, through licensing, inspection, and enforcement of its regulations. Information associated with these endeavors are stored in and accessed from many different repositories; the primary repository is a document management system known as the Agencywide Documents Access and Management System (ADAMS).

The Office of Information Services (OIS) plans, directs, and oversees the NRC's information resources, including technology infrastructure and delivery of information management and technology services, to meet the mission and goals of the agency and is the business sponsor of this effort.

The OIS Information and Records Services Division (OIS/IRSD) plans, develops, and delivers programs and services related to the storage, retrieval, protection, and preservation of NRC information in paper and electronic media. It also assists internal and external stakeholders to obtain NRC information through the Public Document Room, ADAMS Support Center, the Technical Library, the File Center, the NRC internal and external Web Sites, and the FOIA and Privacy Act programs. IRSD manages a centralized system for the electronic search and retrieval of internal and external agency documents. It also develops and administers the agency information collection budget, and directs the agency's records management services.

The Enterprise Content Management (ECM) Program was established within the OIS, IRSD to address agency content management needs that include, but are not limited to, content storage, eForms, search/query/discovery, retrieval, versioning/change management, records management, compliance, capture/ingest, workflow, digital signature, collaboration, security (content security and Federal Information Security Management Act (FISMA) compliance), administration, preference management, taxonomy, metadata, data quality/integrity, Personally Identifiable Information (PII) management, rendering, publishing, and enterprise reporting.

2.0 OBJECTIVES

The Contractor shall provide the NRC with the necessary support for testing of the FileNet P8 Platform. The objectives of the ADAMS P8 testing are to develop, execute, and report on automated regression and performance testing.

3.0 SCOPE OF WORK

ADAMS P8 testing supports services are needed to test that ADAMS P8 system and subsystems are working as according to the Systems Requirements Specification Document. (SRS)

4.0 SPECIFIC TASK REQUIREMENTS

Requirements

The contractor shall:

1. Provide testing services on the ADAMS P8 Project by the following methods:
   i. Requirements analysis: Review the requirement documents and identify missing requirements.
   ii. Test planning: Create a test strategy, test plan, testbed creation.
   iii. Test development: Develop test procedures, test scenarios, test cases, test datasets, test scripts to use in the IBM Rational Test software.
   iv. Test execution: Execute the software based on the plans and test documents then report any errors found to the development team.
   v. Test reporting: Generate metrics and make final reports on their test effort and whether or not the software tested is ready for release.
   vi. Defect retesting: Once a defect has been dealt with by the development team, re-execute the associated tests.
   vii. Regression testing: Executed scripted and automated testing to ensure that the latest delivery has not caused a defect in any system functionality, and that the software product as a whole is still working correctly.
   viii. Performance testing: Execute scripted testing that simulates multiple users working on the system simultaneously to test the systems load capabilities.
   ix. Test Closure: Create and update key outputs, lessons learned, results, logs, documents related to the project as a reference for future projects.

2. Install and configure IBM Rational Performance Tester (RPT) on as many workstations as needed to simulate 200 concurrent users

3. Operate, support, diagnose, and troubleshoot IBM Rational Performance Tester throughout the period of this task order

4. Author and develop RTP test scripts to load test the ADAMS P8 system

5. Author and develop RTP load test scripts to model ADAMs P8 functional scenarios as documented in the requirements document, and other system artifacts, under the direction of the system architect

6. Configure and schedule the RTP test scripts for execution ; document report test result findings for review with ADAMS P8 Management and Engineering Teams

7. Work in coordination with the ADAMS P8 Engineering Team to identify performance bottlenecks and problem areas

8. RTP test scripts must be configured and scheduled such that "load assignments and workloads" can be easily modified by the System Architect and Engineering Team to model various load scenarios. Modifying the model must not require

source code changes in the test scripts, but must be easily configurable by RTP user interface

9. Deliver mentoring and knowledge transfer sessions to the ADAMS P8 Engineering and Test Teams to ensure smooth handoff and transition of test scripts to the Agency

10. Author ADAMS P8 Performance Testing document which details the inventory of test scripts with brief description, details the baseline and variations for "load assignments and workload", and details the results of the performance tests

11. All artifacts created as a result of services delivered must be added to the Agency's ClearCase repository including, but not limited to, test scripts and testing documentation

Deliverables

The contractor shall deliver the following:

Item	Name	Due Date
1	Draft Microsoft Project Plan	10 work days after task order award
2	Final Microsoft Project Plan	5 work days after P.O. comments on Draft Microsoft Project Plan
3	Weekly Status Report	Noon on the first day of the work week
4	Draft Test Plan	Determined in the TO Project Plan and subject to P.O. Approval
5	Final Test Plan	5 work days after P.O. comments on Draft Test Plan

5.0 ACCEPTANCE CRITERIA

The deliverable should provide sufficient detail to ensure completeness, consistency, correctness, and accuracy of the ADAMS P8 work performed. All deliverable products shall be grammatically correct according to industry standard rules and contain correct spelling. All technical and financial terms shall be clearly defined to be understood by all readers. All final deliverable products will be approved in writing by the PO.

6.0 MEETINGS AND TRAVEL

6.1.1 Kick-off Meeting

For Task 1 in Section 4.0 above, the contractor shall participate in a kick-off meeting no later than five (5) business days after award to be introduced to the NRC Project Officer, the Task Manager, and other NRC representatives. The purpose of the meeting is to review and discuss the NRC Office's goals for the

project and to establish contractor/NRC communications report as well as state requirements for the development of the project plan.

6.1.2 Travel

The contractor shall complete work associated with these tasks at the contractor's own facilities and/or NRC Headquarters in Rockville, MD. Travel to other NRC locations will not be required. The NRC does not pay for local travel and parking.

7.0 GOVERNMENT FURNISHED MATERIALS AND EQUIPMENT

For Section 4.0 above, to facilitate the work to be performed, the NRC will, upon request, provide the contractor with any and all materials documenting current applications systems, processes, requirements, and access to Government and other contractor personnel as required. Such documentation may include Users, Guides, As-Built Guides, among others.

8.0 PERIOD OF PERFORMANCE

The period of performance for this task order is one year from the date of task order award.

9.0 ESTIMATED LEVEL OF EFFORT

The estimated level of effort for this task order is 1600 staff hours.