

ORDER FOR SUPPLIES OR SERVICES

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1 5

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

BPA NO. DR-09-06-131

1. DATE OF ORDER AUG 20 2007	2. CONTRACT NO. (If any) GS35F0125S	6. SHIP TO:	
3. ORDER NO. 009	MODIFICATION NO.	4. REQUISITION/REFERENCE NO. CFO-06-131	
5. ISSUING OFFICE (Address correspondence to) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Adelis M Rodriguez, 301-415-5719 Mail Stop T-7-I-2 Washington, DC 20555		a. NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission	
7. TO:		b. STREET ADDRESS Attn: Caroline Zabucky Mail Stop: T9 C4	
a. NAME OF CONTRACTOR AEGIS.NET, INC AEGIS.NET		c. CITY Washington	d. STATE DC
b. COMPANY NAME		e. ZIP CODE 20555	
c. STREET ADDRESS 1616 ANDERSON RD		f. SHIP VIA	
d. CITY MC LEAN	e. STATE VA	f. ZIP CODE 221021621	
9. ACCOUNTING AND APPROPRIATION DATA B&R: 77N-15-5H1-357 Job: N7242 BOC: 252A Approp.: 31X0200 Obligate: \$94,170.60 FFS: RQCFO-07-368 DUNS: 152858358		10. REQUISITIONING OFFICE CFO	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT N/A
<input checked="" type="checkbox"/> a. SMALL	<input type="checkbox"/> b. OTHER THAN SMALL	<input type="checkbox"/> c. DISADVANTAGED	<input type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED	
<input type="checkbox"/> d. WOMEN-OWNED	<input type="checkbox"/> e. HUBZone	<input type="checkbox"/> f. EMERGING SMALLBUSINESS		

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

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)
	Aegis.net will provide IV&V services according to the requirements provided in the attached statement of work. The labor rates applicable are the ones agreed under the BPA DR-09-06-131, the estimated hours are according to your price proposal dated August 15, 2007 for Task order No. 010, which now becomes task order 9.					
001	Functional Expert - year 2				\$14,570.10	
002	Iv&V Technical Specialist - year 2				\$79,600.50	

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages) 17(i). GRAND TOTAL
	21. MAIL INVOICE TO:						
	a. NAME U.S. Nuclear Regulatory Commission Payment Team, Mail Stop T-7-I-2						
	b. STREET ADDRESS (or P.O. Box) Attn: DR-09-06-131 TO 9						
c. CITY Washington		d. STATE DC	e. ZIP CODE 20555		\$94,170.60		

22. UNITED STATES OF AMERICA BY (Signature)	23. NAME (Typed) Stephen Pool Contracting Officer TITLE: CONTRACTING/ORDERING OFFICER
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**STATEMENT OF WORK FOR TASK ORDER NO. 010 TO PROVIDE
INDEPENDENT VERIFICATION AND VALIDATION SERVICES TO
EXECUTE PERFORMANCE TESTING FOR THE HUMAN RESOURCES MANAGEMENT SYSTEM
UPGRADE AND MODERNIZATION PROJECT**

1.0 BACKGROUND

The Office of the Chief Financial Officer (OCFO) of the U.S. Nuclear Regulatory Commission (NRC) requires independent verification and validation (IV&V) services for the steady state OCFO financial management systems, systems under development, and legacy systems replacement efforts.

The NRC requires the support of a Contractor to perform independent verification and validation services for the OCFO financial management systems. The Contractor will use the Office of Information Services Management Directive 2.8, Project Management Methodology requirements or other requirements as directed by the NRC Project Officer to evaluate and support OCFO steady state systems, systems under development, and legacy systems replacement efforts. These services shall include but not be limited to (1) establishing a process for requirements and design reviews, (2) supporting the project team in resolving all software-related issues, (3) evaluation and support of test planning, test validation, execution, and reporting, and (4) providing reports on specific findings and recommendations for actionable items continuously throughout the process.

2.0 OBJECTIVES

The objective of this task order is to provide independent and expert information technology support services for IV&V activities. The IV&V activities will include the planning and execution of performance testing in support of the Human Resources Management System (HRMS) upgrade and modernization project. Specifically, the Contractor shall perform an independent assessment of the HRMS upgrade application software response to an increased load capacity and determine the stability of the system. The contractor shall meet the following objectives:

- (1) Evaluate whether the system meets established criteria to measure workload performance.
- (2) Establish criteria to test the system under varying scenarios of normal and beyond normal conditions to show stress and performance characteristics and reveal load related defects.
- (3) Provide on-going assistance on specific findings and recommendations for actionable items throughout the process.
- (4) Provide a final report of the findings and recommendations to correct failures that result from testing.

3.0 SCOPE OF WORK

IV&V services are needed for the OCFO Human Resources Management System (HRMS) upgrade and modernization project. The OCFO has procured PeopleSoft version 9 software for the modernization of NRC's time and labor reporting. The software is currently loaded onto the HRMS upgrade server environments. The OCFO will provide the hardware for completion of task. The Contractor is expected to use Rational Performance Tester for this effort. The application prototype is scheduled for availability in December 2007. The Contractor is expected to begin this task during January 2008.

SPECIFIC TASK REQUIREMENTS

3.1.1 Task 1 – Execute Performance Testing for the HRMS Upgrade and Modernization Project for FY08

Requirements

The Contractor shall:

1. Develop an IV&V Plan to include a proposed work schedule showing milestones, critical activities, timeframes for testing, and dependencies for the completion of work. The plan should also include estimated level of effort and required resources to perform testing.
2. Include any or all of the artifacts for each of the four (4) phases of the PMM or project life cycle processes. The PMM phases include Inception, Elaboration, Construction, and Transition.
3. Establish a baseline IV&V Plan prior to the start of the project task which should include their proposed IV&V methodology or approach that will be used, including a plan of the IV&V schedule for each IV&V artifact.
4. Prepare testing strategy in accordance with the NRC PMM. This will include, but not be inclusive of, describing the test approach, test cases, and scenarios to be employed.
5. Identify system components and interfaces to be tested during the test period.
6. Assist with the development of test scenarios in conjunction with the HRMS upgrade and modernization team.
7. Perform performance, load, and/or stress tests to identify the scalability and/or stability characteristics.
8. Perform performance, load and/or stress tests to determine and/or validate performance characteristics of the application software when subjected to workload models and load volumes anticipated during production operations.
9. Perform performance, load and/or stress tests to determine and/or validate performance characteristics of the application software when subjected to workload models and load volumes beyond those anticipated during production operations.
10. Provide a final IV&V report identifying and analyzing the test failures that occurred and provide recommendations to correct failures that resulted from testing.

Deliverables

This will be an iterative and collaborative effort whereby the Contractor shall provide on-going feedback throughout the testing process. On-going comments and recommendations based on the requirements of this task shall be in written form including e-mail to the Project Officer and Task Manager with a final report due at the completion of the task to summarize the test results no later than March 31, 2008.

The contractor shall deliver the following:

Item	Name	Due Date
1	Draft Independent Verification and Validation Plan (including appendices for the artifacts specified in the PMM)	10 work days after task order award
2	Final Independent Verification and Validation Plan (including appendices for the artifacts specified in the PMM)	5 work days after NRC approval of draft
3	Draft Report Template	10 work days after task order award
4	Final Report Template	5 work days after NRC approval of draft
5	Draft IV&V Report for Each Artifact Provided	10 work days after submission of artifact to be validated
6	Final IV&V Report for Each Artifact Provided	5 work days after NRC approval of draft

Note: NRC approval will be provided 5 work days after receipt of every draft report.

4.0 OVERALL PERFORMANCE STANDARDS AND DEDUCTION SCHEDULE:

The following processes will be used by NRC to motivate successful performance of the contract requirements stated herein:

Failure by the Contractor to comply with any of the procedures and/or contract requirements stated herein shall constitute a **“valid-deficiency”** under this contract, unless the failure can be shown to be caused by circumstances beyond the Contractor’s control.

No more than one (1) contract-deficiency shall be allowed by NRC per calendar-month period, in which the NRC-PO determines the discrepancy is a “valid-deficiency” for non-compliance with any Contract Requirements.

The Contractor shall invoice monthly with a single invoice that includes a breakdown of the cost of all support provided during the previous calendar-month’s period. For any month in which the Contractor fails to comply with the contract requirements stated herein, NRC reserves the right to deduct the following amounts from that month’s total monthly invoice payment:

- 0-1 Valid-deficiency’s per calendar-month period will result in no deduction;
- 2 Valid-deficiency’s per calendar-month period will result in 5% of the total monthly invoice being deducted;
- 3 Valid-deficiency’s per calendar-month period will result in 6% of the total monthly invoice being deducted;

- 4 Valid-deficiency's per calendar-month period will result in 7% of the total monthly invoice being deducted;
- 5 Valid-deficiency's per calendar-month period will result in 8% of the total monthly invoice being deducted;
- 6 Valid-deficiency's per calendar-month period will result in 10% of the total monthly invoice being deducted.

NOTE: Under the Performance Incentives listed above, NRC will not deduct more than a total of 10% from the monthly invoice.

The deductions listed above do not prevent NRC from taking other appropriate actions to correct performance problems under this contract.

5.0 ACCEPTANCE CRITERIA

For Task 1 in Section 3.0 above, the Contractor shall prepare a final IV&V report to include, at a minimum, scope of work, methodology, findings, traceability matrix, and recommendations. The report deliverable should provide sufficient detail to ensure completeness, consistency, correctness, and accuracy of the 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 Project Officer or a designated representative.

6.0 MEETINGS AND TRAVEL

6.1.1 Kick-off Meeting

For Task 1 in Section 3.0 above, the Contractor shall participate in a kick-off meeting no later than five (5) business days after award to introduce the NRC Project Officer, the Task Manager, and other NRC representatives. The purpose of the meeting is to review and discuss the OCFO's goals for the project and to establish Contractor/NRC communications report framework for the project. Further, discussion shall include the corresponding deliverables as identified in Section 3.1.1, Deliverables. Internal NRC documents will be coordinated during this meeting.

6.1.2 Status Meetings

For Task 1 in Section 3.0 above, the Contractor shall participate in periodic status meetings to be conducted on a weekly basis. Dates and times of status meetings will be mutually agreed upon by the NRC Task Manager and the Contractor during the kickoff meeting. The Contractor will have the discretion to attend via conference call from the Contractor place of work.

6.1.3 Travel

For Task 1 in Section 3.0 above, 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 locations will not be required.

7.0 GOVERNMENT FURNISHED MATERIALS AND EQUIPMENT

For Task 1 in Section 3.0 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.

8.0 PERIOD OF PERFORMANCE

The period of performance for task order No. 010 is nine months.