

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE		PAGE 1 OF 3	
2. AMENDMENT/MODIFICATION NO. 021		3. EFFECTIVE DATE See 15(c) below.		4. REQUISITION/PURCHASE REQ. NO. 10370733C		5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. Nuclear Regulatory Commission Division of Contracts Attn: T-7-I-2 Contract Management Center #1 Washington DC 20555-0001		7. ADMINISTERED BY (If other than Item 6) U.S. Nuclear Regulatory Commission Div of Contracts Two White Flint North - MS T-7-I-2 Washington, DC 20555-0001		CODE		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  EER Systems, Inc. 3750 Centerview Drive Chantilly, VA 20151  POC: Joanne B. Newman (703) 708-1400				(X)		9A. AMENDMENT OF SOLICITATION NO.	
						9B. DATED (SEE ITEM 11)	
						10A. MODIFICATION OF CONTRACT/ORDER NO. GS00T98ALD0017 DR-01-0290	
				X		10B. DATED (SEE ITEM 13) 09-28-2001	
CODE		FACILITY CODE		<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>			
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment of each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required) B&R: 310-15-522-332, Job Code: J1145, BOC: 252A APPN. NO.: 31X0200310 Obligate: \$100,000							
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>							
(X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14; PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority) <b>Bilateral, 52.212-4 Contract Terms and Conditions - Commercial Items (4/98) and mutual consent of the parties.</b>							
<b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>2</u> copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  See the attached continuation pages.							
TIN: 54-1349668, DUNS#:17-715-3319							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print) Joanne B. Newman Vice President of Contracts				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Donald A. King Contracting Officer			
15B. CONTRACTOR/OFFEROR Joanne B. Newman (Signature of person authorized to sign)				15C. DATE SIGNED 6/30/03		16B. UNITED STATES OF AMERICA BY Donald A. King (Signature of Contracting Officer)	
						16C. DATE SIGNED 06-24-2003	

TEMPLATE - ADM001

ADM002

The purpose of this modification is to:

- (1) incorporate the requirement to provide directory architecture and system design for an Enterprise Directory (EDS) system for the NRC. As a result, Schedule A-1 YEAR 2 (BASE) of the Task Order is revised to reflect the increases in effort associated with the work shown in Attachment 1 to this modification and EER Systems's proposals dated 4/23/2003 (Enterprise Directory Services) with revisions dated 05/21/2003, 06/10/2003, and 06/24/2003;
- (2) revise Subsection B.8 CONSIDERATION AND OBLIGATION, by: (a) increasing the total estimated task order amount by \$30,800.00 from \$27,079,710.62 to \$27,110,510.62, this increase is associated with incorporating the requirement to provide directory architecture and system design for an Enterprise Directory (EDS) system; and (b) provide incremental funding in the amount of \$100,000 which changes the task order obligated amount from \$21,191,765.04 to \$21,291,765.04;
- (3) revise Subsection C.3.6 General Performance Requirements, by adding paragraph C.3.6.17 - Enterprise Directory Service. This paragraph will add the requirement to provide directory architecture and system design for an Enterprise Directory (EDS) system for the NRC.
- (4) revise Section F - Deliveries or Performance by adding Subsection F.10 Delivery Schedule and Milestone Dates (Enterprise Directory (EDS)).

This modification confirms the NRC Contracting Officer's (CO) e-mail message provided to Ms. Joanne Newman, on June 21, 2003, authorization EER Systems to provide services associated with Enterprise Directory Service with a temporary cost ceiling of \$30,000 pending receipt of the task order modification.

Accordingly, the following section of the task order is hereby modified:

1. Schedule A-1 YEAR 2 (BASE) is revised by increasing effort associated with the requirement to provide directory architecture and system design for an Enterprise Directory (EDS) system. [See attachment number 1 to this modification revised Schedule A-1 Year 2 (Base).]
2. Under Subsection B.8 CONSIDERATION AND OBLIGATION, the first sentence of paragraph (a) and (b) are deleted entirely and the following is substituted in-lieu thereof:

"(a) The total estimated amount of this task order (ceiling) for the products/services ordered, delivered, and accepted under this task order is \$27,110,510.62."

"(b) The amount presently obligated with respect to this task order is \$21,291,765.04."

3. Under Subsection C.3.6 General Performance Requirements, paragraph C.3.6.17 - Enterprise Directory Service, is incorporated. (See attachment number 2 to this modification.)
4. Under Section Deliveries or Performance, paragraph F.9 is incorporated as show below:

**"F.10 Delivery Schedule and Milestone Dates [Enterprise Directory (EDS)].**

The delivery schedule and milestones dates are indicated below:

1. **Task 1** - Deliverables are due to the NRC PO and CO within forty-five (45) days from the award date of the modification;
2. **Task 2 (Optional)** deliverables are due to the NRC PO and CO sixty (60) days from the CO's written approval to proceed with optional task number 2.

(End of clause)

A summary of obligations under this task order, from date of the award through this modification, is given below:

Total FY 01 obligations	\$ 627,000.00
Total FY 02 obligations	\$ 9,974,407.71
Total FY 03 obligations	\$10,690,357.33
 Cumulative Total of NRC Obligations	 \$21,291,765.04

This modification obligates \$100,000.00 in FY'03 funds.

All other terms and conditions remain unchanged.

Attachment No. 1  
Modification No.21

Nuclear Regulatory Commission

Task Order # DR-01-0290

Schedule A -1 YEAR 2 (BASE)

PERIOD OF PERFORMANCE: 09/28/2002 TO 09/27/2003

CLIN	DESCRIPTION	QTY.	UNIT	Unit PRICE	TOTAL PRICE
	<u>FIRM FIXED PRICE (CLIN 0001 through 0002)</u>				
	<u>DESCRIPTION</u>	<u>EST. QTY.</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>EST. TOTAL PRICE</u>
	<u>FIRM FIXED UNIT PRICE (CLIN 0003 through 0009)</u>				
0003B	Task 3: Year 2 Operations Total				
0003BA	Insurance Coverage (H.2.4)				\$1,025
0003BB	IT Infrastructure Operations				\$5,921,712
0003BC	IT Development/Integration (FirmFixed Unit Price - Labor Hour)				
	Sr. Systems Architect (Function: Systems Architecture and Engineering) - One				\$167,040
	Sr. Systems Engineer (Function: Infrastructure Development) One				\$159,360
	LAN Systems Analyst (NT) (Function: Infrastructure) -One				\$115,200
	LAN Systems Analyst (Novell) (Function: Infrastructure) -One				\$92,160
	Network Analyst (Function: Infrastructure) - One				\$122,880
	UNIX System Analyst (Function: Infrastructure) - One	0	hrs	\$0	\$0
	LAN Systems Analyst (NT/Novell) (Function: Server) - One				\$122,880
	UNIX Systems Analyst (Function: Server) - One				\$132,480
	LAN Systems Analyst (NT) (Function: Workstation) - One				\$119,040
	LAN Systems Analyst (NT) (Function: Workstation) - One				\$119,040
	LAN Systems Analyst (NT) (Function: Workstation) - One				\$119,040
	Security Analyst (Function: Security)- One				\$145,920
	Sr. Systems Engineer (Function: Application Integration) - One				\$145,920
	Sr. Systems Engineer (Function: Consolidated Test Facility) -One				\$115,200
	LAN Administrator (Function: Consolidated Test Facility) -One				\$25,600
	Senior Security Analyst (Consultant) (Function: Security) - One				\$246,802.40
	Security Analyst (Function: Security) - One Test Facility) -One				\$93,632
	Sr. Systems Architect (Function: Systems				\$167,040

CLIN	DESCRIPTION	QTY.	UNIT	Unit PRICE	TOTAL PRICE
	Architecture and Engineering) - One				
	Senior Security Analyst (Function: Security) - One				\$161,280
	Senior Security Analyst (Function: Security) - One				\$145,520
	Technical Writer				\$61,600
	Subtotal CLIN 0003BC				\$2,577,634.40
0003BD	Firm Fixed Unit Price-Labor Hour LAN Administrator (Function: Regional -(5)				
	LAN Administrator (Function: Regional - One				\$76,968
	LAN Administrator (Function: Regional - One				\$76,968
	LAN Administrator (Function: Regional - One				\$76,968
	LAN Administrator (Function: Regional - One				\$76,968
	LAN Administrator (Function: Regional - One				\$76,968
0003BE	Firm Fixed Unit Price-Labor Hour LAN Administrator (Function: High Perf. Comp. Env.)(4)				
	LAN Administrator (Function: High Perf. Comp. Env. -One				\$76,968
	LAN Administrator (Function: High Perf. Comp. Env. -One				\$76,968
	LAN Administrator (Function: High Perf. Comp. Env. -One				\$76,968
	LAN Administrator (Function: High Perf. Comp. Env. -One				\$76,968
0003BF	Firm Fixed Unit Price-Labor Hour ADAMS LAN Administrator (Function:ADAMS (1) & (5) -Optional)				
	ADAMS LAN Administrator (Function:ADAMS -One				\$76,968
	ADAMS LAN Administrator (Function:ADAMS - Optional) -One				\$76,968
	ADAMS LAN Administrator (Function:ADAMS - Optional) -One				\$76,968
	ADAMS LAN Administrator (Function:ADAMS - Optional) -One				\$76,968
	ADAMS LAN Administrator (Function:ADAMS - Optional) -One				\$76,968
	ADAMS LAN Administrator (Function:ADAMS - Optional) -One				\$76,968
0003BG	COTS Catalogue Services				NSP
0003BH	Project Plan and Execution of first tuning Session (Web Server Tuning)				\$7,490
0003BI	Third (3rd) Tuning Session Completed (Web Server Tuning)				\$7,490
0003BJ	Fifth (5 <sup>th</sup> ) Tuning Session Completed (Web Server Tuning)				\$7,490
0003BK	Final Report (Web Server Tuning)				\$7,490
0003BL	Task 1 Enterprise Directory Service				\$30,800
0003BM	Task 2 Enterprise Directory Service (Optional)				-
	Total CLIN 0003B				\$9,684,851.80

I. S. Nuclear Regulatory Commission

Task Order No. DR-01-0290

### C. 3.6.16 Enterprise Directory Service

#### BACKGROUND

NRC is investigating the feasibility of establishing an Enterprise Directory Service (EDS) system to facilitate current and future NRC application and security needs by providing NRC IT users with a unified user authentication and data access service (single source).

#### OBJECTIVES

L3/EER Systems shall provide a directory architecture and system design for an Enterprise Directory Service (EDS) system for the NRC, perform a prototype system implementation, and develop a plan for establishing a production EDS system for NRC.

This is a fixed price project. Task 2 is optional and dependent upon NRC acceptance of the design proposal submitted in Task 1.

#### TASK 1

Provide a directory architecture and system design proposal for an EDS system for NRC. The proposal shall include milestone and resource details, including cost breakdown for all necessary labor and materials (hardware and software), and shall include a plan for a prototype system.

Date of Delivery - Task 1 deliverables are due to the NRC PO and CO 45 days from the award date of the task order modification.

Performance Standard - The Task must be completed on time with delivery of the following documentation (in hardcopy and electronic form) based on the NRC environment, applications, and security requirements:

Analysis and Preliminary Recommendations Document;  
Directory Architecture Document;  
Detailed Materials List (with cost estimate);  
Preliminary Design Document;  
Prototype Design Document (with hardware/software list);  
Preliminary Implementation Plan.

Meetings - There will be a project kickoff meeting prior to beginning this Task. NRC does not anticipate regular project meetings since this project is to be handled under an ongoing task order and the Contractor is presumed to have the NRC information necessary to complete this project.

Travel - No travel is required.

Government Furnished Equipment - NRC will provide a workstation with telephone and personal computer with Internet access for each badged contractor assigned to this project.

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## **TASK 2 (Optional)**

The Contractor shall : 1) develop, implement, document and demonstrate a prototype EDS system based on the plan submitted in Task 1 and approved by NRC, and 2) develop a plan for establishing a production EDS system for NRC based on experience gained from the prototype implementation.

Date of Delivery - Task 2 deliverables are due to the NRC PO and CO 60 days from the CO's written approval to proceed with optional Task 2.

Performance Standard - The Task must be completed on time with delivery of complete documentation based on the NRC environment, applications, security requirements and results of the prototype. The following documentation for the production EDS system shall be provided to NRC in hardcopy and electronic form:

Analysis (including prototype results) and Final Recommendations Document;  
Final Directory Architecture Document;  
Final Detailed Materials List (with cost estimate);  
Final Detailed Design Document;  
Implementation/Migration Plan;  
Security Plan;  
Test and Acceptance Plan.

Meetings - There will be a meeting prior to beginning this Task to ensure the Contractor has all the NRC-provided hardware and software required for this Task. NRC does not anticipate regular project meetings since this project is to be handled under an ongoing task order and the Contractor is presumed to have the NRC information necessary to complete this project.

Travel - No travel is required.

Government Furnished Equipment - NRC will provide a workstation with telephone and personal computer with Internet access for each badged contractor assigned to this project. In addition, NRC will provide the hardware and software necessary for the prototype EDS system to be set up at NRC headquarters.