

**ORDER FOR SUPPLIES OR SERVICES**

IMPORTANT: Mark all packages and papers with contract and/or order numbers. BPA NO. NRC-33-05-349

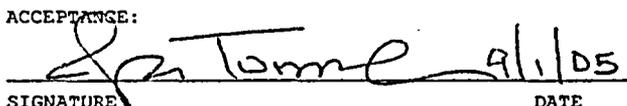
1. DATE OF ORDER <p align="center" style="font-size: 1.2em;"><b>AUG 10 2005</b></p>	2. CONTRACT NO. (if any) GS35F4506G
3. ORDER NO. NRC-33-05-349-001	4. REQUISITION/REFERENCE NO. 10570728C

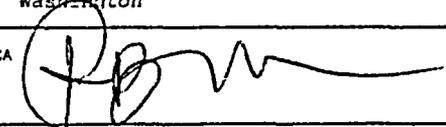
5. ISSUING OFFICE (Address correspondence to) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Mail Stop T-7-I-2 Washington, DC 20555		6. SHIP TO.  a. NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission ATTN: David Carter	
7. TO:  ■ NAME OF CONTRACTOR NORTHROP GRUMMAN INFORMATION TECHNOLOGY, INC.		b. STREET ADDRESS Mail Stop: T6E49	
■ COMPANY NAME		c. CITY Washington	d. STATE DC
c. STREET ADDRESS 2411 DULLES CORNER PARK		e. ZIP CODE 20555	
d. CITY HERNDON	e. STATE VA	f. ZIP CODE 201713430	

9. ACCOUNTING AND APPROPRIATION DATA  OBLIGATION: \$0	10. REQUISITIONING OFFICE CIO  CIO
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11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. EMERGING SMALL BUSINESS		12. F.O.B. POINT Destination
13. PLACE OF a. INSPECTION Rockville, MD		14. GOVERNMENT B/L NO.
b. ACCEPTANCE Rockville, MD		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)
16. DISCOUNT TERMS  Net 30		

17. SCHEDULE (See reverse for Rejections)      See CONTINUATION Page

ITEM NO (A)	SUPPLIES OR SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)
	The Contractor shall provide the U.S. Nuclear Regulatory Commission with Electronic Information Exchange (EIE) System in accordance with the attached Statement of Work, the terms and conditions of GSA Contract GS-35F-4506G, and the attached schedule.  ATTACHMENTS: 1. Schedule 2. Statement of Work  ACCEPTANCE:  SIGNATURE _____ DATE 9/1/05  PRINT NAME/TITLE _____	1				

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.	
	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: (NRC-33-05-349-001)			
	c. CITY Washington	d. STATE DC	e. ZIP CODE 20555	
22. UNITED STATES OF AMERICA BY (Signature) 			23. NAME (Typed) Robert B. Webber Contracting Officer TITLE: CONTRACTING/ORDERING OFFICER	

	17(h) TOTAL (Cont. pages)
312,683.60	17(i). GRAND TOTAL

**TASK ORDER TERMS AND CONDITIONS \_\_\_\_\_**  
**NOT SPECIFIED IN THE CONTRACT \_\_\_\_\_**

**A.1 2052.215-70 KEY PERSONNEL (JAN 1993)**

(a) The following individuals are considered to be essential to the successful performance of the work hereunder:

Name

Title

[REDACTED]

[REDACTED]

The contractor agrees that personnel may not be removed from the contract work or replaced without compliance with paragraphs (b) and (c) of this section.

(b) If one or more of the key personnel, for whatever reason, becomes, or is expected to become, unavailable for work under this contract for a continuous period exceeding 30 work days, or is expected to devote substantially less effort to the work than indicated in the proposal or initially anticipated, the contractor shall immediately notify the contracting officer and shall, subject to the concurrence of the contracting officer, promptly replace the personnel with personnel of at least substantially equal ability and qualifications.

(c) Each request for approval of substitutions must be in writing and contain a detailed explanation of the circumstances necessitating the proposed substitutions. The request must also contain a complete resume for the proposed substitute and other information requested or needed by the contracting officer to evaluate the proposed substitution. The contracting officer and the project officer shall evaluate the contractor's request and the contracting officer shall promptly notify the contractor of his or her decision in writing.

(d) If the contracting officer determines that suitable and timely replacement of key personnel who have been reassigned, terminated, or have otherwise become unavailable for the contract work is not reasonably forthcoming, or that the resultant reduction of productive effort would be so substantial as to impair the successful completion of the contract or the service order, the contract may be terminated by the contracting officer for default or for the convenience of the Government, as appropriate. If the contracting officer finds the contractor at fault for the condition, the contract price or fixed fee may be equitably adjusted downward to compensate the Government for any resultant delay, loss, or damage.

SCHEDULE

CLIN 0001 - MONTH ONE

Labor Category	Rate	Estimated Hours	Dollars
Project Manager			\$4,688.88
Senior Software Engineer			\$13,620.08
Software Engineer			\$17,862.40
IT Security Analyst			\$8,273.12
Subtotal			\$44,444.48

CLIN 0002 - MONTH TWO

Labor Category	Rate	Estimated Hours	Dollars
Project Manager			\$4,688.88
Senior Software Engineer			\$18,532.24
Software Engineer			\$18,532.24
IT Security Analyst			\$11,839.12
Subtotal			\$53,592.48

CLIN 0003 - MONTH THREE

Labor Category	Rate	Estimated Hours	Dollars
Project Manager			\$4,688.88
Senior Software Engineer			\$18,532.24
Software Engineer			\$18,532.24
IT Security Analyst			\$11,839.12
Subtotal			\$53,592.48

CLIN 0004 - MONTH FOUR

Labor Category	Rate	Estimated Hours	Dollars
Project Manager			\$4,688.88
Senior Software Engineer			\$18,532.24
Software Engineer			\$18,532.24
IT Security Analyst			\$11,839.12
Subtotal			\$53,592.48

CLIN 0005 - MONTH FIVE

Labor Category	Rate	Estimated Hours	Dollars
Project Manager			\$4,688.88
Senior Software Engineer			\$18,532.24
Software Engineer			\$18,532.24
IT Security Analyst			\$11,839.12
Subtotal			\$53,592.48

CLIN 0006 - MONTH SIX

Labor Category	Rate	Estimated Hours	Dollars
Project Manager			\$4,465.60
Senior Software Engineer			\$18,532.24
Software Engineer			\$18,532.24
IT Security Analyst			\$11,839.12
Subtotal			\$53,369.20

CLIN 0007 - TRAVEL

Description			Est. Dollars
Local Travel (cost reimbursement)			\$500.00
Subtotal			\$500.00

ALL CLINS - TOTAL PRICE

Labor Category		Estimated Hours	Dollars
Project Manager			\$27,910.00
Senior Software Engineer			\$106,281.28
Software Engineer			\$110,523.60
IT Security Analyst			\$67,468.72
Travel			\$500.00
<b>TOTAL PROGRAM</b>			<b>\$312,683.60</b>

# **Task Order One – Electronic Information Exchange (EIE)**

## **1.0 Background-**

The Electronic Information Exchange (EIE) system is a NRC General Support System that has been in production for five years. The EIE system is subject to change due to stakeholder, end-user, NRC policy, U.S. policy and legislative activity, as well as technology innovations. The EIE system must have the capability to accept Change Requests and turn those requests into a modified system.

## **2.0 Objectives**

The Contractor shall provide all necessary personnel, management, materials, administrative and technical services required in support of the this task order

## **3.0 Description of the Scope of Work**

The overall scope is to provide: (1) for the maintenance of the current version 2.3 of EIE; and (2) maintenance of the security documentation in support for the EIE application.

## **4.0 Tasks**

### **Task 1 EIE Maintenance and Operations**

#### **4.1 Task 1.1 Administer EIE Configuration Control Board (CCB) Requirement –**

- The contractor shall act as the secretariat of the EIE CCB.
- The contractor shall receive all EIE Change Requests (CR).
- The contract shall review all CRs for completeness.
- The contractor shall send the CRs to the EIE NRC Project Manager in accordance with the EIE CCB Charter.
- The contractor shall schedule all EIE CCB meetings.
- The Contractor shall record and publish the EIE CCB minutes to all interested parties.

#### **Deliverables –**

- CCB meeting schedules/agendas.
- CCB meeting minutes.

#### **4.2 Task 1.2 Maintain EIE Change Request Repository in Rational ClearQuest Requirement -**

- The contractor shall enter all approved EIE CRs into the EIE ClearQuest repository.
- The Contractor shall assign and maintain the proper status of each EIE CR.

#### **Deliverables –**

- Current EIE ClearQuest repository

**4.3 Task 1.3 Maintain EIE Documentation in Rational ClearCase Requirement –**

- The contractor shall maintain all EIE documentation to ensure that the most current version of EIE plans, use cases, test scripts, architecture, design, and code are recorded and stored in the EIE ClearCase repository.

**Deliverables –**

- All EIE documents and code maintained in the EIE ClearCase repository.

**4.4 Task 1.4 Maintain EIE Requirements in Rational RequisitePro Requirement –**

- The contractor shall maintain all EIE requirements to ensure that each submitted EIE requirement is placed into RequisitePro and is aligned with the proper EIE use case.

**Deliverables –**

- All EIE requirements documented and placed in the EIE RequisitePro repository.

**4.5 Task 1.5 Maintain EIE Architecture – Elaboration/Inception Requirement –**

- The contractor shall maintain and continuously update the EIE architecture.
- The contractor shall ensure that the EIE architecture is compliant with the NRC Enterprise Architecture.
- The contractor shall maintain the EIE architecture in the EIE ClearCase repository.

**Deliverables –**

- A consistent and accurate EIE architecture placed in the EIE ClearCase repository.

**4.6 Task 1.6 Maintain and Develop EIE Requirements - Elaboration/Inception/Construction Requirement –**

- The contractor shall maintain the current set of EIE requirements.
- The contractor shall ensure that each EIE CR is covered by an existing requirement or a new requirement is generated from an EIE CR.
- The contractor shall ensure that each EIE requirement is testable.
- The contractor shall ensure that each EIE requirement is aligned with an EIE use case.
- The contractor shall ensure that all EIE requirements are entered into the EIE RequisitePro repository.

**Deliverables –**

- Testable requirements that reflect the substance of each EIE CR.
- Traceable EIE requirements from the EIE CRs in the EIE ClearQuest repository to the EIE RequisitePro repository and finally in the EIE source code and accompanying documentation in the EIE ClearCase repository.

**4.7 Task 1.7 Maintain and Develop EIE Design – Inception/Construction Requirement –**

- The contractor shall maintain the current EIE design.
- The contractor shall ensure that the EIE design is an accurate reflection of the summation of the EIE requirement set.
- The contractor shall ensure that the EIE design set is entered into the EIE ClearCase repository.

**Deliverables –**

- A current EIE design document for each EIE requirement set housed in the EIE RequitePro repository.
- All EIE design documents in the EIE ClearCase repository.

**4.8 Task 1.8 Maintain EIE Source Code – Construction Requirement –**

- The contractor shall maintain the EIE code set.
- The contractor shall modify existing EIE code based upon new or modified EIE requirement(s) and/or design documents.
- The contractor shall create new EIE code based upon a new EIE requirement and design set.
- The contractor shall ensure that all EIE code is placed in the EIE ClearCase repository.

**Deliverables –**

- An accurate base-lined set of EIE code in the EIE ClearCase repository.
- Testable source code that reflects the information contained in associated CRs , requirement, and design sets.

**4.9 Task 1.9 Maintain EIE Test Management Activities Elaboration/Inception/Construction Requirement –**

- The contractor shall maintain the EIE Test activity.
- The contractor shall develop a test script for each EIE requirement of requirement management set.
- The contractor shall conduct a unit test for each changed, modified, or new code set in accordance with the accepted test script written from the associated requirement(s). This unit test shall be conducted in the NRC Consolidated Test Facility (CTF).
- The contractor shall conduct regression test for each changed, modified, or new code set in accordance with the accepted test scrip written from the associated requirement(s).
- The contractor shall conduct a user acceptance test for changed, modified, or new code set in accordance with the accepted test scrip written from the associated requirement(s).
- The contractor shall enter all test results into the EIE ClearCase repository.

**Deliverables –**

- A test script for each EIE requirement generated from an EIE CR.
- Documented unit test results placed into the EIE ClearCase repository.
- Documented regression test results placed into the EIE ClearCase repository.

- Documented user acceptance test results placed into the EIE ClearCase repository.

**4.10 Task 1.10 Maintain EIE Release Management Activity – Construction/Transition Requirement –**

- The contractor shall develop an EIE quarterly Release Management schedule.
- The contractor shall accept CRs for the first forty-five (45) days of each quarter.
- The contractor shall begin final test and transition activities on the forty-sixth (46) day of each quarter.
- The contractor shall have the prior quarter's CR's ready for release on the first working day of the next quarter.

**Deliverables –**

- An EIE quarterly release schedule on the forty-sixth day of the prior release period (e.g. August 16<sup>th</sup> for the release period of October – December).
- A list of EIE CRs that will be covered in the next EIE release cycle.
- A complete list of CRs to be covered in the next EIE release cycle by the forty-fifth day of the release cycle.

**4.11 Task 1.11 Maintain EIE Transition Planning – Construction/Transition Requirement –**

- The contractor shall develop a Transition Plan for each EIE quarterly release.
- The contractor shall verify the plan with all parties involved with the execution of the quarterly release.

**Deliverables –**

- A draft EIE quarterly release transition plan on the fifth (5<sup>th</sup>) day of the current release cycle.
- A final EIE quarterly realize transition plan on the seventy-fifth (75<sup>th</sup>) day of the current release cycle.

**4.12 Task 1.12 EIE Quarterly Release Transition to Production – Transition Requirement –**

- The contractor shall execute the current EIE Quarterly Release Transition Plan.
- The contractor shall document each EIE Quarterly Release in the form of Release Notes.
- The contractor shall place each EIE Quarterly Release Notes in the EIE ClearCase repository.

**Deliverables –**

- All results of EIE CRs scheduled for the current quarterly release placed into production.
- The release notes for the current release placed into the EIE ClearCase repository.

**4.13 Task 1.13 EIE Communications Plan - Elaboration/Inception/Construction/Transition Requirement –**

- The contractor shall develop and publish an EIE Communication Plan.
- The contractor shall identify all stakeholders involved in each release.
- The contractor shall flesh-out what information must be conveyed to each stakeholder in a time-release manner.

- The contractor shall update the EIE Communication Plan as required by each release schedule.

**Deliverables –**

- An updated and fleshed out EIE Communication Plan by the twentieth (20<sup>th</sup>) day of a release cycle.

**4.14 Other Deliverables under Task One:**

The contractor shall deliver each work package description to include a detailed Work Breakdown Structure (WBS). The WBS will encapsulate work package, specific tasks, schedule (start/finish dates), and resources by labor category and other direct costs to complete the work package. The contractor shall deliver the finished, tested, and documented product for each completed Task Order. Each work package shall contain the following:

WBS	Task Description	Duration			
1	Task Order	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05
1.1	Inception	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05
1.1.1	Technical Change Request	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05
1.1.2	Iteration Plan	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05
1.2	Elaboration	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05
1.2.1	Requirements	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05
1.2.2	Design	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05
1.2.3	Test Scripts	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05
1.3	Construction	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05
1.3.1	Code	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05
1.3.2	Document	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05
1.3.3	Unit Test	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05
1.4	Test	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05
1.4.1	Integration	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05
1.4.2	Regression	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05
1.5	Transition	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05
1.5.1	Training	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05
1.5.2	Production	1d?	Tue 03/29/05	Tue 03/29/05	Tue 03/29/05

The contractor shall determine the duration of each task based upon the individual TCR. The contractor shall also determine the resources to be utilized based upon the individual TCR.

**Acceptance Criteria:**

The NRC Consolidated Test Facility (CTF) shall certify each package as completely meeting all of the NRC requirements. If the CTF documents deficiencies, the contractor shall have fifteen (15) working days to correct the documented deficiencies. Upon submission of the revised work package, the NRC CTF shall conduct another test. If that test is successful, the NRC shall accept the work package. If the second test fails, the NRC and contractor shall enter into re-mediation to collaboratively correct the deficiencies. Upon completion of said re-mediation process, the NRC shall accept the work package.

**Task 2 Maintain EIE Security Documentation**

**4.21 Task 2.1 Review and Maintain EIE Security Documentation Requirement –**

- The contractor shall review and maintain the EIE Risk Assessment Plan.

- The contractor shall review and maintain the EIE System Security Plan.
- The contractor shall review and maintain the EIE Contingency Plan.
- The contractor shall review and maintain the EIE Contingency Test Plan.
- The contractor shall update the EIE Contingency Plan Test Report as needed.

**Deliverables –**

- Updated versions of each plan when required by a major change to the EIE architecture.

**4.2.2 Task 2.2 Monitor EIE System Test and Evaluation (ST&E) Report**

**Requirement –**

- The contractor shall monitor each instance of an independent ST&E Report.
- The contractor shall modify all EIE security documentation affected by a new ST&E Report.

**Deliverables –**

- Modified EIE System Security Plan based upon ST&E Report findings as required.

**4.2.3 Other Deliverables under Task Two**

The contractor shall deliver each work package description to include a detailed Work Breakdown Structure (WBS). The WBS will encapsulate work package, specific tasks, schedule (start/finish dates), and resources by labor category and other direct costs to complete the work package. The contractor shall deliver the finished, tested, and documented product for each completed Task Order. Each work package shall contain the following:

WBS	Task Description	Duration		
1	Task Order	1d?	Tue 03/29/05	Tue 03/29/05
1.1	Inception	1d?	Tue 03/29/05	Tue 03/29/05
1.1.1	Technical Change Request	1d?	Tue 03/29/05	Tue 03/29/05
1.1.2	Documentation Plan	1d?	Tue 03/29/05	Tue 03/29/05
1.2	Elaboration	1d?	Tue 03/29/05	Tue 03/29/05
1.2.1	Draft Document	1d?	Tue 03/29/05	Tue 03/29/05
1.2.2	Deliver Draft	1d?	Tue 03/29/05	Tue 03/29/05
1.3	Construction	1d?	Tue 03/29/05	Tue 03/29/05
1.3.1	Write Final	1d?	Tue 03/29/05	Tue 03/29/05
1.3.2	Deliver Final	1d?	Tue 03/29/05	Tue 03/29/05
1.4	Review	1d?	Tue 03/29/05	Tue 03/29/05
1.4.1	Government Review	1d?	Tue 03/29/05	Tue 03/29/05
1.4.2	Government Acceptance	1d?	Tue 03/29/05	Tue 03/29/05
1.5	Transition	1d?	Tue 03/29/05	Tue 03/29/05
1.5.1	Document in Force	1d?	Tue 03/29/05	Tue 03/29/05

The contractor shall determine the duration of each task based upon the individual DCR. The contractor shall also determine the resources to be utilized based upon the individual DCR.

**Acceptance Criteria:**

The NRC Designated Approving Authority (DAA) shall review each document for adherence to the appropriate NRC Management Directive, or NIST Guidance publication. The DAA will provide written comments and approval for all to the NRC Project Officer and the NRC Contracting Officer. The NRC Contracting Officer will inform the contractor if additional effort

must be expended on an individual Task Order. The additional effort will be presented to the NRC Contracting Officer. The NRC Contracting Officer shall issue a modification to Task Order as required. The Task Order shall be deemed complete upon written approval and acceptance of the subject security document(s) from the NRC Contracting Officer.

## **5.0 Quality assurance surveillance plans**

Quality assurance shall be in accordance with the contractor's established and accepted Quality Assurance Plan for the overarching contract.

## **6.0 Instructions for Deliverables**

Deliverables shall be delivered on the dates specified in the task order. If for any reason a deliverable cannot be delivered within the scheduled time frame, the Contractor shall notify the NRC Contracting Officer and NRC Project Officer in writing with cause of delay and the proposed revised schedule. This notice shall include the impact on the overall project. The NRC Project Officer shall make a business decision about the impact of the delay and forward the impact to the Contracting Officer.

Each deliverable shall first be submitted in draft for NRC review. NRC shall have 5 working days to review each draft deliverable and respond with comments or approval. Upon approval by NRC of the original draft or the corrected draft, the deliverable shall be delivered in final form to the NRC Project Officer and NRC Contracting Officer. For each deliverable (draft or final), the Contractor shall provide one (1) hard copy and one (1) electronic version of the deliverable to the NRC Project Manager, unless otherwise indicated. All deliverables shall be formatted and prepared using Corel WordPerfect software for the documentation and reports, and Microsoft Powerpoint for the briefings. All written deliverables shall be phrased in language that can be understood by the non-technical layperson. Statistical and other technical terms used in the deliverable shall be defined in a glossary.

## **7.0 Place for Deliveries**

All correspondence and reports related to this Task Order, inclusive of the deliverables, shall be delivered to the CO and PO at the following locations:

Nuclear Regulatory Commission  
ATTN: Valerie M. Whipple, Sr. Contract Specialist  
NRC Task Order#: NRC-33-05-349  
Two White Flint North, Mail Stop: T-7-I-2  
11545 Rockville Pike  
Rockville, MD 20852-2738

Nuclear Regulatory Commission  
ATTN: Project Officer: David Carter  
NRC Task Order#: NRC-33-05-349  
Two White Flint North, Mail Stop: T-6-E-55  
11545 Rockville Pike  
Rockville, MD 20852-2738

**8.0 Meetings and Travel:**

The contractor shall be allowed local travel expenses between the contractor's site and the NRC to perform official business. The NRC estimates a total of six (6) trips to the NRC Rockville facility.

**9.0 NRC Furnished Material and Equipment**

The government shall provide all test and production hardware and associated operating system software.

**10.0 Additional Guidance and/or References:**

The government reserves the right to upgrade the MS Project to the Enterprise Edition 2003.

**Estimated Level of Effort**

The estimated level of effort for this Task Order is [REDACTED] labor hours, broken down as follows:

<u>Direct Labor Category</u>	<u>Hours</u>
[REDACTED]	[REDACTED]

**Period of Performance**

July 1, 2005 through December 31, 2005.