

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1 2

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

BPA NO.

1. DATE OF ORDER APR 27 2009	2. CONTRACT NO. (If any) NRC-42-08-064	6. SHIP TO:	
3. ORDER NO. NRC-T011	MODIFICATION NO.	a. NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission	
4. REQUISITION/REFERENCE NO. 42-08-064T011 09806411184		b. STREET ADDRESS Attn: Richard Daniel, 301 415 6319	
5. ISSUING OFFICE (Address correspondence to) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Jeffrey R. Mitchell, 301-492-3639 Mail Stop TWB-01-B10M Washington, DC 20555		c. CITY Washington	e. ZIP CODE 20555
7. TO:		d. STATE DC	f. SHIP VIA
a. NAME OF CONTRACTOR INFORMATION SYSTEMS LABORATORIES, INC ISL		8. TYPE OF ORDER	
b. COMPANY NAME ATTN: DR. JAMES F. MEYER		<input type="checkbox"/> a. PURCHASE	<input checked="" type="checkbox"/> b. DELIVERY
c. STREET ADDRESS 11140 ROCKVILLE PIKE, SUITE 500		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.	
d. CITY ROCKVILLE	e. STATE MD	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.	
f. ZIP CODE 20852	10. REQUISITIONING OFFICE NRO		
9. ACCOUNTING AND APPROPRIATION DATA See CONTINUATION Page See Block 17D Below		DUNS: 107928806	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL	<input checked="" 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 SMALL BUSINESS			
13. PLACE OF		14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	16. DISCOUNT TERMS	
a. INSPECTION	b. ACCEPTANCE				

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)
	Issuance of Task Order 11 under Contract No. NRC-42-08-064 Title: Development of Luminant US-APWR R-COLA Chapter-Level Safety Evaluation Reports with Open Items. Period of Performance: Day of Award - April 30, 2011 Estimated Reimbursable Cost: \$246,001.00 Fixed Fee: \$18,701.00 Total Cost Plus Fixed Fee: \$264,703.00 Funding in the amount of \$100,000.00 is provided * * * NOTE TO NRC ACCOUNTING OFFICE * * * Please transfer \$100,000.00 for the basic contract award NRC-42-08-064 to this task order. 825-15-171-111; Q-4184; 252a; 31x0200; \$100,000.00 SEE CONTINUING PAGES				See CONTINUATION Page	

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 Department of Interior / NBC NRCPayments@nbc.gov				
	b. STREET ADDRESS (or P.O. Box) Attn: Fiscal Services Branch - D2770 7301 W. Mansfield Avenue				
	c. CITY Denver	d. STATE CO	e. ZIP CODE 80235-2230		

22. UNITED STATES OF AMERICA (Signature)	23. NAME (Typed) Jeffrey R. Mitchell Contracting Officer TITLE: CONTRACTING/ORDERING OFFICER
---	---

In accordance with Section G.4, Task Order Procedures, of Contract No. NRC-42-08-064, this definitizes Task Order No. 11. The effort shall be performed in accordance with the attached Statement of Work.

Task Order No. 11 shall be in effect from Day of Award through April 30, 2011, with a cost ceiling of \$264,703.00. The amount of \$246,001.00 represents the estimated reimbursable costs, and the amount of \$18,701.00 represents the fixed fee.

The amount obligated by the Government with respect to this task order is \$100,000.00, of which \$92,935.00 represents the estimated reimbursable costs, and the amount of \$7,065.00 represents the fixed fee.

The issuance of this task order does not amend any terms or conditions of the subject contract.

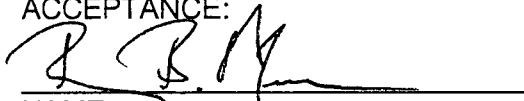
Your contacts during the course of this task order are:

Technical Matter: Richard Daniel
Task Order Project Officer
301-415-6319

Contractual Matters: Jeffrey R. Mitchell
Contract Specialist
301-492-3639

Acceptance of Task Order No. 11 should be made by having an official, authorized to bind your organization, execute three copies of this document in the space provided and return two copies to the Contract Specialist at the address identified in Block No. 5 of the OF 347. You should retain the third copy for your records.

ACCEPTANCE:



NAME

VP

TITLE

5/2/09

DATE

TASK ORDER STATEMENT OF WORK

JCN Q-4184	Contractor Information Systems Laboratories, Inc.	Task Order No. NRC 42-08-064 (TO 11)
Applicant Luminant	Design/Site US-APWR/Comanche Peak 3&4	Docket No. 52-034 and 52-035
Title/Description Development of Luminant US-APWR R-COLA Chapter-Level Safety Evaluation Reports with Open Items		
TAC No. RX0612	B&R Number 825-15-171-111	SRP or ESRP Section(s) 1 through 19
NRC Task Order Project Officer (PO)		
Richard Daniel	301-415-6319	Richard.Daniel @nrc.gov
NRC Technical Monitor (TM)		
Stephen Monarque	301-415-1544	<u>Stephen.monarque@nrc.gov</u>

1.0 BACKGROUND

Combined License (COL) Applications are submitted pursuant to Part 52 of Title 10 of the *Code of Federal Regulations* (10 CFR 52), "Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Plants." The U.S. Nuclear Regulatory Commission (NRC) reviews COL Applications based on information furnished by electric utility companies pursuant to 10 CFR 52.79, "Contents of Applications Technical Information."

A Standard Review Plan (NUREG-0800) is prepared for the guidance of staff reviewers in the Office of New Reactors for performing safety reviews of applications to construct or operate nuclear power plants and the review of applications to approve standard designs and sites for nuclear power plants. The principal purpose of the SRP is to assure the quality and uniformity of staff safety reviews.

The staff publishes the results of these reviews in a Safety Evaluation Report (SER).

2.0 OBJECTIVE

The objective of this task order is to obtain contractor's services to integrate the technical input from the staff technical reviewers into the SER DC templates previously developed by the contractor. The deliverables from the contractor will be the completed, technically edited, camera-ready NUREG, Draft and Final Chapter-level SER with Open Items to be utilized by the NRC staff for documenting the results of the staff's Phase 2 review of the R-COLA application.

3.0 WORK REQUIREMENTS, SCHEDULE AND DELIVERABLES

Tasks/Standards	Scheduled Completion *	Deliverables
1. Develop Project Plan include: configuration and quality control, develop tentative schedule for deliverables based on the Luminant R-COLA Phase 2 project milestones.	Four Weeks after award of Task Order.	Project Plan and tentative schedule.
2. REQUIREMENT: Phase 1 input (e.g., Preliminary Safety Evaluation Report – PSER, technical evaluation and conclusions) incorporated into corresponding template, PSER edited, formatted and revised based on updated SER User and Writer's Guide.	Each Chapter PSER shall be completed within two weeks after final Chapter input by NRC provided to contractor.	Draft Chapter PSER using templates and PSER input by Chapter for the COLA. Draft Chapter PSER using templates and PSER input by Chapter for the COLA.
3. REQUIREMENT: Phase 2 SER input (e.g., responses to requests for additional information) integrated into corresponding PSER forming a Chapter-level SER with Open Items.	Each Chapter Draft and Final SER with Open Items shall be completed within two weeks after final Chapter input or comment by NRC provided to contractor.	Draft Chapter-level SERs with Open Items Final Chapter-level SERs with Open Items
4. REQUIREMENT: Phase 2: Appendices (See Attachment 1), including "List of Open Items" by Chapter to be incorporated into SER Chapter 1	Two weeks prior to completion of last SER Chapter with Open Items.	Draft Appendices Final Appendices

*These Work Schedules are subject to change by the NRC Contracting Officer (CO) to support the needs of the NRC Licensing Program Plan.

The Technical Monitor may issue technical instruction from time to time throughout the duration of this task order. Technical instructions must be within the general statement of work delineated in the task order and shall not constitute new assignments of work or changes of such a nature as to justify an adjustment in cost or period of performance. The contractor shall refer to Section G.1 of the base contract for further information and guidance on any technical directions issued under this task order.

Any modifications to the scope of work, cost, or period of performance of this task order must be issued by the CO and will be coordinated with the NRO Project Officer.

4.0 TECHNICAL AND OTHER SPECIAL QUALIFICATIONS REQUIRED

As specified in the base contract, the contractor shall provide individuals who have the required educational background and work experience to meet the objectives of the work specified in this task order. Specific qualifications for this effort include:

As a minimum, qualified personnel to perform technical evaluations, need to be proficient in MS word formatting features, technical editing, and the performance of NRC legal reviews.

The contractor shall pursue IT2 clearance for access to NRC network, specifically ADAMS.

The contractor shall provide a contractor project manager (PM) to oversee the effort and ensure the timely submittal of quality deliverables so that all information is accurate and complete as defined in the base contract.

The NRC will rely on representations made by the contractor concerning the qualifications of the personnel assigned to this task order, including assurance that all information contained in the technical and cost proposals, including resumes, is accurate and truthful. The resume for each professional proposed to work under this task order (contractor, subcontractor, or consultant) shall describe the individual's experience in applying his or her area of engineering specialization to work in the proposed area. The use of particular personnel on this contract is subject to the NRC technical monitor's (TM's) approval. This includes any proposed changes to key personnel during the life of the task order.

5.0 REPORTING REQUIREMENTS

Task Order Progress Report

The contractor shall provide a bi-weekly progress report summarizing accomplishments, expenditures, contractor staff hours expended, percent completed for each task under this task order, and any problems encountered by the contractor. Additionally a matrix should be added that includes of all sections received, reviewed (redlined) and sent back to the NRC. The report shall be sent via e-mail to the NRC TM, Task Order Project Officer (PO), CO and to the pre-designated NMIP Projects licensing assistant (LA) whom will monitor correspondence for this project.

Please refer to Section F of the basic contract award document for contract reporting requirements.

Technical reporting requirements

As specified in Section 3 above, the contractor shall provide all deliverables as draft and final products. The NRC TM will review all draft deliverables (and coordinate any internal NRC staff review, if needed) and provide comments back to the contractor. The contractor shall revise the draft deliverable based on the comments provided by the TM, and then deliver the final version of the deliverable. When mutually agreed upon between the contractor and the TM, the contractor may submit preliminary or partial drafts to help gauge the contractor's understanding of the particular work requirement.

The contractor shall provide a camera-ready NUREG SER with Open Items in hard copy and electronic formats. The draft and final Chapter-level SER with Open Items will be provided for each chapter of the SER (19 total). One separate draft and final SER with Open Items will be provided for all the Appendices.

The electronic format shall be provided in MS Word including Style, Formatting and Technical Editing or other word processing software approved by the TM. For each deliverable, the contractor shall add and profile files within ADAMS and provide electronic copy to the PM, the TM, and the LA. The schedule for deliverables shall be contained in the approved project plan for the task order effort.

The contractor is responsible for structuring the SER template format to follow Federal and agency standards and requirements for publications. The contractor must use the latest agency-designated version of this agency standard. The word processing source file and electronic "print" file in Portable Document Format (PDF) should be automated, structured, and

reusable (i.e., applies templates, contain automatic bookmarks, and have "live" Web links). The contractor must consider long-term use and revision when establishing styles. This will be evidenced by styles that are constructed for ease of use and that apply automated functions. The contractor must provide a style sheet itemizing the specifications for each style or tag applied in the word processing program. For example, the style sheet will note the name of the style, formatting details, and the specific functions of and use for each style.

The contractor should acquire NRC network/ADAMS access and provide accessible, archival-quality, print-ready, Web-enabled DOC source files that meet Federal and agency requirements for publications. These source files are entered in ADAMS and on finalization by the NRC TM, will be converted by ADAMS into Web-enabled PDFs. The printed version is to be made from the electronic file. Alternatively, on an interim basis while the contractor is pursuing IT2 clearance, the contractor will provide accessible, archival-quality, print-ready, Web-enabled PDF and DOC source files that meet Federal and agency requirements for publications. The print and electronic copies must match (suggestion: print the paper copy from the PDF, which is generated from the MS Word DOC file).

Electronic files should be:

1. Accessible: Comply with Section 508 of the Rehabilitation Act (check the accessibility); accessible to screen readers; high contrast in black and white and, if any color is used; such information conveyed with color shall be conveyed equally well when color is not available.
2. Archival: Generate PDF using PDF/A format, an international standard for archival PDF; embed fonts; update/delete metadata.
3. Print-ready: Min. 600 dpi (1200 dpi recommended) for high-quality, professional printing; include print disclaimers for any scanned or pixelated images; the PDF should be an entire document, including cover, inside cover, title page, Form 335, etc. (see NUREG-1757).
4. Web-enabled (electronic): Bookmarks for navigation (generated by MS Word with the heading styles applied); live links to Web sites (entire URL must be active); meet NRC Web publication standards; enabled for Fast Web view; match agency-wide electronic standards (<http://www.nrc.gov/site-help/e-submittals.html>).

Specifically, the MS Word file should use:

1. Styles
2. Automated formatting (no manually tabbed columns)
3. Linked bookmarks or anchors for the table of contents or other document guides that jump to specific sections of the text
4. Headers and other structural markup
5. Abbreviation list
6. List and link figures, equations, tables, etc.
7. Formatted tables with simple columns (do not nest tables, mark column headers if possible)
8. Embedded fonts and objects

Suggestions for file names:

1. Use ASCII letters (a-z, A-Z), digits (0-9), underscores and hyphens ("_" and "-").

2. Do not use spaces, quotation marks, diacritic marks or other special/non-printing characters.
3. Reserve the period (".", full stop) for the file extension at the end of the filename.

In addition to general document quality standards, the contractor should meet the standards in:

1. U.S. Government Printing Office (GPO) Style Manual
2. NUREG-0650, Rev, 2, "Preparing NUREG-series Publications"
3. Guidance for Electronic Submissions to the NRC, October 29, 2008 Revision 4
4. NUREG-1379, "NRC Editorial Style Guide"
5. NUREG-0544, "NRC Collection of Abbreviations," Rev. 4 July 1998
6. www.plainlanguage.gov
7. Section 508 of the Rehabilitation Act

In all correspondence, include identifying information: JCN Q-4184; Technical Assignment Control No. (TAC): RX0612; Task Order 11; the licensee: Luminant; and, the site: Comanche Peak.

6.0 MEETINGS AND TRAVEL

- a. One person, one day working meeting to kickoff project and contractor orientation.*
- b. One person per day working meeting at NRC headquarters to review deliverables.*

*At the discretion of the NRC TM, meeting may be conducted via telephone or video conference.

7.0 NRC FURNISHED MATERIAL

The following NRC furnished materials will be provided to the contractor together with SOW:

- a. Electronic Optical Storage Media of Luminant R-COLA SER templates.
- b. Original staff input (technical evaluation and conclusion)

8.0 PERIOD OF PERFORMANCE

The period of performance is the day of award through April 30, 2011.

9.0 OTHER APPLICABLE INFORMATION

- a. License Fee Recovery

All work under this task order is fee recoverable and must be charged to the appropriate TAC number(s).

- b. Assumptions and Understandings:

The level of effort for Task 2 is based assumption that there will be approximately 19 chapters and it will take, on the average, 100 hours to integrate, format, edit each chapter.

The level of effort for Task 3 is based on the assumption that this task will be approximately one-third the effort of Task 2, as the scope is limited to additional content based on RAI

responses and through normal staff concurrence.

The level of effort for Task 4 is based on the assumption that there will be approximately 19 chapters and it will take, on the average, 10 hours to develop necessary appendices and contents.

It is assumed that the contractor has access to the NRC furnished material available on the Internet.

It is understood that the scope of the review consists of conference calls with the NRC staff and the applicant to discuss open items in an attempt to obtain additional information or reach resolution.

Attachment:

1. SER with Open Items Appendices

Attachment 1

Appendices for SER with Open Items

- A – Chronology of Correspondence
- B – Reference List
- C - Abbreviations
- D - Principal Contributors (supplied by NRC)
- E - Chronology of NRC'S Request for Additional Information (RAI)
- F - Combined license action items
- G - ITAAC cross-references
- H - Technical Specifications and cross-references
- I - Initial Test Program Test cross-references
- J - 10 CFR 20.1406, Minimization of Contamination cross- references
- K - Generic Issues cross-references
- L - Report on Advisory Committee on Reactor Safeguards (ACRS) (supplied by NRC)