

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

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

BPA NO.

1. DATE OF ORDER 4/12/2010 2. CONTRACT NO. (If any) NRC-42-08-064 6. SHIP TO:

3. ORDER NO. NRC-T020 MODIFICATION NO. 4. REQUISITION/REFERENCE NO. NRC-42-08-064 T20 NSR-10-194 8. NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission

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 b. STREET ADDRESS Attn: Rachel Glaros c. CITY Washington d. STATE DC e. ZIP CODE 20555

7. TO: a. NAME OF CONTRACTOR INFORMATION SYSTEMS LABORATORIES, INC ISL

b. COMPANY NAME ATTN: DR. JAMES P. MEYER B. TYPE OF ORDER a. PURCHASE 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. 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.

d. CITY ROCKVILLE e. STATE MD f. ZIP CODE 20852

9. ACCOUNTING AND APPROPRIATION DATA see CONTINUATION Page 011-15-171-111 N4112 252A 31x0200.011 Obligato \$70,000.00 DUNS: 107928806 10. REQUISITIONING OFFICE NRO

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) a. SMALL b. OTHER THAN SMALL c. DISADVANTAGED d. WOMEN-OWNED e. HUDZone f. EMERGING SMALL BUSINESS g. SERVICE-DISABLED VETERAN-OWNED 12. F.O.B. POINT Destination

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

17. SCHEDULE (See reverse for Rejections)

Table with 7 columns: ITEM NO., SUPPLIES OR SERVICES, QUANTITY ORDERED, UNIT, UNIT PRICE, AMOUNT, QUANTITY ACCEPTED. Row 1: Issuance of Task Order 20 under Contract No. NRC-42-08-064. Title: Combined License (COL) Applications Processing with Respect to: Physical Security Requirements for Comanche Peak. Period of Performance: Day of Award to June 30, 2011. Estimated Reimbursable Cost: \$84,237.00. Fixed Fee: \$5,552.00. Total Cost Plus Fixed Fee: \$89,789.00. Funding in the amount of \$70,00.00 is provided. SEE CONTINUING PAGES.

18. SHIPPING POINT 19. GROSS SHIPPING WEIGHT 20. INVOICE NO. 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 17(i) TOTAL (Cont. pages) 17(ii) GRAND TOTAL

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

AUTHORIZED FOR LOCAL REPRODUCTION PREVIOUS EDITIONS NOT USABLE OPTIONAL FORM 347 (REV. 4/2006) PRESCRIBED BY GSA/FAR 48 CFR 53.213(f)

**NRC-42-08-064 NRC-T020**

In accordance with Section G.4, Task Order Procedures, of Contract No. NRC-42-08-064, this definitizes Task Order No. 20. The effort shall be performed in accordance with the attached Statement of Work.

Task Order No. 20 shall be in effect from Day of Award through June 30, 2011, with a cost ceiling of \$89,789.00. The amount of \$84,237.00 represents the estimated reimbursable costs, and the amount of \$5,552.00 represents the fixed fee.

The amount obligated by the Government with respect to this task order is \$70,000.00, of which \$65,672.00 represents the estimated reimbursable costs, and the amount of \$4,328.00 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: Rachel Glaros  
Task Order Project Officer  
301-415-3672

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

Acceptance of Task Order No. 20 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

V.P.

TITLE

4/12/2010

DATE

### TASK ORDER STATEMENT OF WORK

JCN N-4112	Contractor Information Systems Laboratories (ISL)	Task Order No. NRC-42-08-064 TASK 20
Applicant Luminant	Design/Site USAPWR – Comanche Peak	Docket No. 5200034 and 5200035
Title/Description  "Combined License (COL) Applications Processing with Respect to: Physical Security Requirements for "Comanche Peak"		
TAC No. TBD ( Reference JCN N-4112)	B&R Number 011-15-171-111	SRP or ESRP Section(s) 13.6, 14.3.12
NRC Task Order Project Officer (PO)		
Rachel Glaros	301-415-3672	Rachel.Glaros@nrc.gov
NRC Technical Monitor (TM)		
Robert Dexter	301-415-7660	Robert.Dexter@nrc.gov

#### 1.0 BACKGROUND

Early Site Permits (ESP), standard Design Certifications (DC) and Combined Operating Licenses (COL) applications are submitted pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR), Part 52, "Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Plants." The NRC reviews these requests based on information furnished by ESP, DC and COL applicants pursuant to 10 CFR 52.79, Contents of Applications Technical Information.

The NRC staff has prepared Regulatory Guide (RG) 1.204, and NUREG-0800, "Standard Review Plan (SRP) for the Review of Safety Analysis Reports for Nuclear Power Plants," to provide guidance to the staff in performing safety reviews of COL applications and standard designs and sites for nuclear power plants. The principal purpose of the RG and 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).

The NRC Office of Nuclear Security and Incident Response (NSIR), Division of Security Policy Reactor Security Rulemaking Licensing Branch (RSRLB) staff is processing the "Comanche Peak" - referenced AP-1000 DC application, at this time. The NRC Office of NSIR, RSRLB staff, is currently commencing the review of COL applications.

#### 2.0 OBJECTIVE

The objective is to obtain technical expertise to support the processing of the "Comanche Peak" COL application with respect to the review of plans and documentation of the results of that review, in a draft SER.

**3.0 WORK REQUIREMENTS, SCHEDULE AND DELIVERABLES**

Tasks/Standards	Scheduled Completion	Deliverables
<p>1. REQUIREMENT: Develop a Comanche Peak RCOLA draft SE using the NRC provided document developed by Oak Ridge. Coordinate this effort with ongoing activities to develop COLA SE's to ensure consistencies to the extent possible for the generic or standard language of the security plans submitted using the NEI 03-12 templates, revision 6. Add the site specific information from the most recent Comanche Peak RCOL security plans (Revision 1). . Incorporate COL Application information into the appropriate sections of the SE (e.g., COL action items, license conditions, implementation milestones, DC and COLA interface, etc.). Incorporate SGI from Luminant PSP, T&amp;Q Plan, and Contingency Plan to create a SGI SE with O/I.</p> <p>STANDARD: The SER shall follow a template, as conveyed by the NRC staff, for the physical security review of the "Comanche Peak" COL application. The SER shall document (or place holder for) the RAIs issued to the applicant and the resolution of the applicant's response. Documented review refers to the applicable NRC regulations and guidance that apply.</p>	<p><b><u>DUE DATES:</u></b></p> <p>May 8, 2010</p> <p>June 8, 2010</p>	<p>- Provide a 60% complete SGI SE with O/I</p> <p>- Provide a 100% complete SGI SE with O/I</p>



Tasks/Standards	Schedule/Completion	Deliverables
<p>3. Other. <b>REQUIREMENT:</b> As needed and requested by the staff, provide technical support to the staff during related ACRS meetings with applicants and hearing proceedings.</p> <p><b>STANDARD:</b> Ensure presentation materials are reviewed and approved by NRC staff.</p>	<p>TBD</p>	<p>Prepare presentation materials. Attend meetings, if required</p>

These work schedules are subject to change by the NRC CO to support the needs of the NRC Licensing Program Plan.

The Technical Monitor may issue technical instructions 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 SOW, cost or period of performance of this task order must be issued by the NRC CO, and will be coordinated with the NRC, New Reactor Office (NRO), Project Officer.

**4.0 TECHNICAL AND OTHER SPECIAL QUALIFICATIONS REQUIRED**

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:

- General and specific knowledge of physical protection programs as applied at and associated with nuclear power reactor facilities
- Technical knowledge associated with the conduct of security assessments (termed "vulnerability assessment" within the U.S. Department of Energy complex)
- Technical knowledge of physical security protection programs, equipment, and systems at nuclear facilities.
- Ability to obtain access authorization to the safeguards information (per 10CFR73.21) level
- General knowledge of the development of NRC - TERs and/or SERs

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 monthly 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. The report shall be sent via e-mail to the NRC TM (Pete Lee) and the Task Order PO Rachel Glaros, and Robert Dexter.

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

### **Technical reporting requirements**

The primary deliverable or output of this contract will be activity specific as assigned by the NRC TM. Deliverables and products may include, but may not be limited to recommended draft recommended TERs or SERs (or portions thereof) for specifically identified DC or COL applications, technical review of ITAAC submitted by a new reactor applicant, tracking of design commitments in a Design Certification, and how a COL applicant has addressed them with respect to their adequacy and/or acceptability, and RAIs, for technical physical protection aspects of a new reactor application such that the applicant, in answering the RAI provides enough information for the NRC staff to complete the review of a certain aspect of the new reactor application.

The paragraph below may be applicable in part or whole for this and future tasks issued via this contract:

The primary deliverable, or output of this regulatory review, shall be the (TER)\*. The TER will serve as input to the NRC staff's (SER) which will document the NRC's technical, safety, and legal basis for approving the COL application. The TER must provide sufficient information to adequately explain the NRC staff's rationale for why there is *reasonable assurance* that public health and safety is protected. The TER, and ultimately the SER, should be written in a manner whereby a person with a technical (non-nuclear/non physical protection) background and unfamiliar with the applicant's request could understand the basis for the staff's conclusions.

\*The terms "TER" and "recommended SER" are used interchangeably in this SOW.

Unless otherwise specified above, the contractor shall provide all deliverables as draft 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 the following deliverables in hard copy and electronic formats. The