

# 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 <b>9/18/2009</b>		2. CONTRACT NO. (If any) NRC-42-07-036		6. SHIP TO:	
3. ORDER NO. 0081		MODIFICATION NO.		a. NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission	
		4. REQUISITION/REFERENCE NO. 42-07-036T081 NSR-09-544		b. STREET ADDRESS Attn: Min Lee Mail Stop: T9-F29	
5. ISSUING OFFICE (Address correspondence to) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Jeffrey R. Mitchell, 301-492-3639 Mail Stop T-7-I-2 Washington, DC 20555				c. CITY Washington	d. STATE DC
				e. ZIP CODE 20555	
7. TO:				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	f. ZIP CODE 20852		
9. ACCOUNTING AND APPROPRIATION DATA B&R: 911-15-171-111; JC: N4112; BOC 252A; 31X0200 Obligate: \$72,000.00 Contractor DUNS: 107928806				10. REQUISITIONING OFFICE NRO	
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"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. EMERGING SMALLBUSINESS <input type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED					
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
a. INSPECTION		b. ACCEPTANCE		16. DISCOUNT TERMS	

## 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 No.81 under Contract No. NRC-42-07-036  Title: "Combined License (COL) Applications Processing with Respect to: Physical Security Requirements for South Carolina E&G Summer" Period of Performance: Day of Award - June 30, 2011 Estimated Reimbursable Cost: \$146,809.00 Fixed Fee: \$8,779.00 Total Cost Plus Fixed Fee: \$155,588.00  Funds in the amount of \$72,000.00 is provided.  See Continuation Pages					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	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				17(i). GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature) 	23. NAME (Typed) Jeffrey R. Mitchell Contracting Officer TITLE: CONTRACTING/ORDERING OFFICER
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AUTHORIZED FOR LOCAL REPRODUCTION  
PREVIOUS EDITIONS ARE OBSOLETE

SUNSI REVIEW COMPLETE

SEP 29 2009

OPTIONAL FORM 347 (Rev. 5-96)  
PRESCRIBED BY GSA FPMR (41 CFR) 101-11.6, 101-11.7, 101-11.8, 101-11.9, 101-11.10, 101-11.11, 101-11.12, 101-11.13, 101-11.14, 101-11.15, 101-11.16, 101-11.17, 101-11.18, 101-11.19, 101-11.20, 101-11.21, 101-11.22, 101-11.23, 101-11.24, 101-11.25, 101-11.26, 101-11.27, 101-11.28, 101-11.29, 101-11.30, 101-11.31, 101-11.32, 101-11.33, 101-11.34, 101-11.35, 101-11.36, 101-11.37, 101-11.38, 101-11.39, 101-11.40, 101-11.41, 101-11.42, 101-11.43, 101-11.44, 101-11.45, 101-11.46, 101-11.47, 101-11.48, 101-11.49, 101-11.50, 101-11.51, 101-11.52, 101-11.53, 101-11.54, 101-11.55, 101-11.56, 101-11.57, 101-11.58, 101-11.59, 101-11.60, 101-11.61, 101-11.62, 101-11.63, 101-11.64, 101-11.65, 101-11.66, 101-11.67, 101-11.68, 101-11.69, 101-11.70, 101-11.71, 101-11.72, 101-11.73, 101-11.74, 101-11.75, 101-11.76, 101-11.77, 101-11.78, 101-11.79, 101-11.80, 101-11.81, 101-11.82, 101-11.83, 101-11.84, 101-11.85, 101-11.86, 101-11.87, 101-11.88, 101-11.89, 101-11.90, 101-11.91, 101-11.92, 101-11.93, 101-11.94, 101-11.95, 101-11.96, 101-11.97, 101-11.98, 101-11.99, 101-12.00

ADM007



## TASK ORDER TERMS AND CONDITIONS

NOT SPECIFIED IN THE CONTRACT

## A.1 2052.216-71 INDIRECT COST RATES (JAN 1993)

(a) Pending the establishment of final indirect rates which must be negotiated based on audit of actual costs, the contractor shall be reimbursed for allowable indirect costs as follows:

APPLIES ONLY TO TASK ORDER NO. 81, UNDER NRC-42-07-036

INDIRECT COST POOL	RATE	BASE	PERIOD
Fringe Benefits		Direct Labor	Task Order 81 Period of Performance
Overhead		Direct Labor	Task Order 81 Period of Performance
G&A		Total Value Added Cost Input	Task Order 81 Period of Performance
Material Handling		Materials and Subcontractor Costs	Task Order 81 Period of Performance

(b) The contracting officer may adjust these rates as appropriate during the term of the contract upon acceptance of any revisions proposed by the contractor. It is the contractor's responsibility to notify the contracting officer in accordance with FAR 52.232-20, Limitation of Cost, or FAR 52.232-22, Limitation of Funds, as applicable, if these changes affect performance of work within the established cost or funding limitations.

In accordance with Section G.4, Task Order Procedures, of Contract No. NRC-42-07-036, this definitizes Task Order No. 81. The effort shall be performed in accordance with the attached Statement of Work.

Task Order No. 81 shall be in effect from Day of Award through June 30, 2011, with a cost ceiling of \$155,588.00. The amount of \$146,809.00 represents the estimated reimbursable costs, and the amount of \$8,779.00 represents the fixed fee.

The amount obligated by the Government with respect to this task order is \$72,000.00, of which \$67,937.00 represents the estimated reimbursable costs, and the amount of \$4,063.00 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: Min Lee  
Project Officer  
301-415-0502

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

Acceptance of Task Order No. 81 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

TITLE

DATE

*Jan Lynn for B.M.*

*Senior V.P.*

*9/18/09*

## TASK ORDER STATEMENT OF WORK

JCN N-4112	Contractor Information Systems Laboratories, Inc.	Task Order No. NRC-42-07-036 Task 81
Applicant South Carolina E&G	Design/Site AP-1000 - Summer	Docket No. 5200027 and 5200028
Title/Description  "Combined License (COL) Applications Processing with Respect to: Physical Security Requirements" for E&G Summer"		
TAC No. TBD ( Reference JCN N-4112)	B&R Number 911-15-171-111	SRP or ESRP Section(s) 13.6, 14.3.12
NRC Task Order Project Officer (PO)		
Min Lee	301-415-0502	Min.Lee@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 E&G Summer - 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 from the contractor to support the processing of the South Carolina E&G Summer 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: Perform and document review of the South Carolina E&amp;G Summer COL application with respect to physical security. Specific activities of review of the application may consist of, but may not be limited to, 1) review of the physical, contingency and/or training and qualification plan(s), 2) review of COL action items referenced in the DC document, 3) review of COL holder items, 4) review of design commitments for the referenced design as addressed by the applicant, 5) review of the ITAAC as addressed by the applicant, and 6) review of the security assessment analysis as performed by the applicant as applicable.</p> <p>STANDARD: Documented review refers to the applicable NRC regulations and guidance that apply.</p>	<p>Depends on the specific scope of the activity. Schedules will be identified by the staff and the TM for each specific activity.</p>	<p>Draft documented technical review of the specific aspect of the application and/or RAIs developed.</p>
<p>1 b. REQUIREMENT: Compose recommended Technical Evaluation Reports (TER), and Safety Evaluation Reports (SER) or portions thereof, for the South Carolina E&amp;G Summer COL application.</p> <p>STANDARD: The TER/SER shall follow a template, as conveyed by the NRC staff, for the physical security review of the South Carolina E&amp;G Summer COL application. The TER/SER shall document the RAIs issued to the applicant and the resolution of the applicant's response to each RAI. The documented TER/SER refers to the applicable NRC regulations and guidance that apply.</p>	<p>Dependant on the scope of the TER/SER to be written. Schedules will be identified by the staff and the TM for each specific activity.</p>	<p>Draft documented TER/SER or portions thereof for the South Carolina E&amp;G Summer COL application, as directed by the TM. Written technical review comments documenting the recommended acceptability and/or adequacy of the specific part of the COL application and/or recommended requests for additional information (RAI).</p>

Tasks/Standards	Scheduled Completion	Deliverables
<p>2. Other. REQUIREMENT: As needed and requested by the staff, provide technical support to the staff during related ACRS meetings with applicants and hearing proceedings.</p> <p>STANDARD: Ensure presentation materials are reviewed and approved by NRC staff.</p>	TBD	Prepare presentation materials. Attend meetings, if required

\* 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 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. The report shall be sent via e-mail to the NRC TM (Judy Johnson), the Task Order PO (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 an 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 contract 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 electronic format shall be provided in Microsoft Word or other word processing software approved by the TM. For each deliverable, the contractor shall provide one hard copy and electronic copy to both the PM and the TM. The schedule for deliverables shall be contained in the approved project plan for the task order effort.

In all correspondence, include identifying information: JCN No.: N-4112; Task Order No. 81., as appropriate and applicable; the licensee: South Carolina E&G, the site: Summer.

## **6.0 MEETINGS AND TRAVEL**

Meetings as required\*. Generally no travel is necessary due to the contractor being in close proximity to NRC HQ.

\*At the discretion of the NRC TM/CO, meeting(s) may be conducted via telephone or video conference.

## **7.0 NRC FURNISHED MATERIAL**

The NRC TM will provide those NRC documents related to the applicable portions of the application (e.g., 10CFR73.55 guidance documents) that are readily available and SER templates specific to the application activity. The NRC TM will provide access to the applicant's safety analysis report, pertinent sections of the COL, DC, or other NRC safety documents and docketed correspondence on related issues, as appropriate. The staff will identify any additional NRC documentation that is needed and the TM will determine whether it will be provided by the NRC or obtained directly by the staff from NUDOCS, ADAMS, NRC public document room or the NRC website at [www.nrc.gov](http://www.nrc.gov).

## **8.0 PERIOD OF PERFORMANCE**

The period of performance is from Day of Award through 6/30/2011.

## **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:**

NOTE: This SOW describes TASK 1 of this contract and is titled "Combined License (COL) Applications Processing with Respect to Physical Security Requirements."

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

2. It is understood that the scope of the review consists of conference calls with the NRC staff, and with the NRC staff and the applicant (if applicable), to discuss open items in an attempt to revise a document appropriately or obtain additional information or reach resolution; as appropriate.



3. During the course of the review, the NRC TM, and possibly other NRC personnel, may travel to the contractor's location to discuss the status of the contract and participate in the revision of NRC documents or resolution of open items (if applicable). It is assumed that the level of effort covers such a meeting.

#### **10. Expected Classification or Sensitivity**

All work under this project is expected to be unclassified and/or sensitive unclassified. Sensitive unclassified work may be: Proprietary, Official Use Only (OUO) per 10 CFR2.390, Unclassified Controlled Nuclear Information (UCNI), or safeguards information (SGI) per 10CFR73.21. If questions arise with respect to work classification or sensitivity associated with work activities before, during or after this contractual activity, the TM is to be consulted.