

ORDER FOR SUPPLIES OR SERVICES

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

BPA NO.

1. DATE OF ORDER JUN 12 2009		2. CONTRACT NO. (If any) NRC-42-07-036		6. SHIP TO:		
3. ORDER NO. 0070		MODIFICATION NO.		a. NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission		
4. REQUISITION/REFERENCE NO. 42-07-036T070		FFS: NSR-09-521		b. STREET ADDRESS Attn: Richard Daniel Mail Stop: T6-C34		
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
7. TO:				e. ZIP CODE 20555		
a. NAME OF CONTRACTOR INFORMATION SYSTEMS LABORATORIES, INC ISL				f. SHIP VIA		
b. COMPANY NAME ATTN: DR. JAMES F. MEYER				8. TYPE OF ORDER		
c. STREET ADDRESS 11140 ROCKVILLE PIKE, SUITE 500				<input type="checkbox"/> a. PURCHASE		<input checked="" type="checkbox"/> b. DELIVERY
d. CITY ROCKVILLE				e. STATE MD		f. ZIP CODE 20852
9. ACCOUNTING AND APPROPRIATION DATA B&R: 911-15-171-111; JC: N411; BOC 252A; 31X0200.91 Obligate: \$18,213.00 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"/> 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 No.70 under Contract No. NRC-42-07-036 Title: "Design Certification Reviews with Respect to Physical Security Requirements for AP-1000" Period of Performance: Day of Award - September 30, 2011. Estimated Reimbursable Cost: \$16,865.00 Fixed Fee: \$1,347.00 Total Cost Plus Fixed Fee: \$18,213.00 Funds in the amount of \$18,213.00 is provided. See Continuation Pages					

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						17(i) GRAND TOTAL
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		

\$18,213.00

22. UNITED STATES OF AMERICA BY (Signature)		23. NAME (Typed) Jeffrey R. Mitchell Contracting Officer TITLE: CONTRACTING/ORDERING OFFICER	
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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. 70, UNDER NRC-42-07-036

INDIRECT COST POOL	RATE	BASE	PERIOD
Fringe Benefits		Direct Labor	Task Order 70 Period of Performance
Overhead		Direct Labor	Task Order 70 Period of Performance
G&A		Total Value Added Cost Input	Task Order 70 Period of Performance
Material Handling		Materials and Subcontractor Costs	Task Order 70 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. 70. The effort shall be performed in accordance with the attached Statement of Work.

Task Order No. 70 shall be in effect from Day of Award through September 30, 2011, with a cost ceiling of \$18,213.00. The amount of \$16,865.00 represents the estimated reimbursable costs, and the amount of \$1,347.00 represents the fixed fee.

The amount obligated by the Government with respect to this task order is \$18,213.00, of which \$16,865.00 represents the estimated reimbursable costs, and the amount of \$1,347.00 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
Project Officer
301-415-6319

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

Acceptance of Task Order No. 70 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


Senior V.P.

TITLE

DATE

6/12/09

TASK ORDER STATEMENT OF WORK

JCN N-4111 (Q4160N in NCPM DB)	Contractor Information Systems Laboratories, Inc.	Task Order No. NRC 42-07-036 (TO 70)
Applicant Westinghouse	Design/Site AP-1000	Docket No. 5200006
Title/Description Design Certification Reviews with Respect to Physical Security Requirements for AP-1000		
TAC No. <i>Use JCN as reference</i>	B&R Number 911-15-171-111	SRP or ESRP Section(s) 13.6, 14.3.12
NRC Task Order Project Officer (PO)		
Richard Daniel	301-415-6319	Richard.Daniel@nrc.gov
NRC Technical Monitor (TM)		
Vince Williams	301-415-6844	Vince.Williams@nrc.gov

1.0 BACKGROUND

Standard design certifications (DC) applications are submitted pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR), Part 52, Standard Design Certifications for Nuclear Power Plants. The U.S. Nuclear Regulatory Commission (NRC) reviews these requests based on information furnished by DC applicants pursuant to 10 CFR 52.79, Contents of Applications Technical Information.

The NRC staff utilizes NUREG-0800, "Standard Review Plan (SRP) for the Review of Safety Analysis Reports for Nuclear Power Plants," and 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 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 task, "Design Certification Reviews with Respect to Physical Security Requirements for AP-1000," is to obtain technical expertise from the contractor to assist the NRC staff in developing RAIs and SERs for the AP-1000 design.

3.0 WORK REQUIREMENTS, SCHEDULE AND DELIVERABLES

Tasks/Standards	Scheduled Completion	Deliverables
<p>1a. REQUIREMENT: Perform Design Certification (DC) application review with respect to, but not necessarily limited to, chapter 13.6 and Chapter 14.3.12 of the application, physical security technical reports issued by the applicant, target sets, or ITAAC (inspections, tests, analyses and acceptance criteria) physical security hardware.</p> <p>STANDARD: Each review shall document recommended technical acceptability and/or adequacy, as appropriate. Applicable NRC physical security guidance, previously cited as acceptable for use by the NRC, shall be cited whenever possible in the documentation of the review.</p>	<p>Dependant upon the scope of the specific activity. The TM and/or TAPM will work with the contractor staff to identify scheduled completion times for each activity.</p>	<p>Written technical review comments documenting the recommended acceptability and/or adequacy of the specific part of the DC application and/or recommended requests for additional information.</p>
<p>1b. REQUIREMENT: Compose recommended safety evaluation report (SER) or portions thereof, for a specific DC application.</p> <p>STANDARD: The SER shall follow the template, as conveyed by the NRC staff, for the physical security review of the DC application. The SER shall document the RAIs issued to the applicant and the resolution of the applicant's response to each RAI. Documented SER refers to the applicable NRC regulations and guidance that apply.</p>	<p>Dependant on the scope of the SER to be written. Schedules will be identified by the contractor staff and the TM and or TAPM for each specific activity.</p>	<p>Draft recommended SER or portions thereof for a specific DC application, as directed by the TM or TAPM. Written technical review comments documenting the recommended acceptability and/or adequacy of the specific part of the DC application and/or recommended requests for additional information (RAI).</p>

Tasks/Standards	Scheduled Completion	Deliverables
<p>1c. REQUIREMENT: Perform review of DC application security assessment documentation.</p> <p>STANDARD: Ensure review is in alignment with the NRC <i>Nuclear Power Plant Security Assessment Format and Content Guide, September 2007, 10 CFR 73.55 Rule (Released in March 2009)</i> and other security engineering references cited as acceptable for use by the NRC as Appendix C, of Regulatory Guide 5.69.</p>	<p>Dependant upon the specific scope of the activity. Schedules will be identified by the contractor staff and the TM and or TAPM for each specific activity.</p>	<p>Draft recommended SER or portions thereof with respect to documenting the security assessment review and/or RAIs.</p>
<p>2. Other. REQUIREMENT: As needed and requested by the staff, provide technical support to the staff during related stakeholder ACRS meetings, and hearing proceedings.</p> <p>STANDARD: 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 Contracting Officer (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 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 basic task ordering agreement, 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 knowledge of physical security associated with nuclear 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 at nuclear facilities
- Ability to obtain access authorization to the safeguards information (per 10CFR73.21) level
- Knowledge of the development of NRC Technical Evaluation Reports (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, Task Order Project Officer (PO) and CO.

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

Technical reporting requirements

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 MS 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 N-4111; Task Order 70; the licensee: Westinghouse; and, the site: N/A.

6.0 MEETINGS AND TRAVEL

Meetings as required*. Generally no travel due to the contractor being in close proximity (walking distance) to NRC HQ.

*At the discretion of the NRC TM, meetings 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., 10CFR 73.55 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 DC, or other NRC safety documents and docketed correspondence on related issues, as appropriate. The laboratory 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 laboratory from NUDOCS, ADAMS, NRC public document room or the NRC website at www.nrc.gov.

8.0 PERIOD OF PERFORMANCE

The period of performance is from Day of Award through 9/30/2011.

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/JCN number(s).

b. Assumptions and Understandings:

1. It is assumed that the contractor 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 Technical Monitor, and possibly other NRC personnel, may travel to the contractor's site 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.
4. The primary deliverable or output of this contract will be activity specific as assigned by the PM and/or TA. Deliverables and products may include, but may not be limited to: regulatory

guidance document recommended changes to be in alignment with the revised 10CFR73.55, recommended draft recommended SERs (or portions thereof) for specifically identified DC applications, technical review of ITAAC submitted by a new reactor applicant, tracking of design commitments in a certified design 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 Technical Evaluation Report* (TER). The TER will serve as input to the NRC staff's Safety Evaluation Report (SER) which will document the NRC's technical, safety, and legal basis for approving the COL and/or DC 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.

5. 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.