

ORDER FOR SUPPLIES OR SERVICES

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

BPA NO.

1. DATE OF ORDER <i>9/24/2009</i>	2. CONTRACT NO. (if any) NRC-42-07-036	6. SHIP TO:	
3. ORDER NO. 0077	MODIFICATION NO.	a. NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission	
4. REQUISITION/REFERENCE NO. 42-07-036T077 09703677174		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
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7. TO:	f. SHIP VIA
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a. NAME OF CONTRACTOR INFORMATION SYSTEMS LABORATORIES, INC ISL	8. TYPE OF ORDER	
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b. COMPANY NAME ATTN: DR. JAMES F. MEYER	<input type="checkbox"/> a. PURCHASE	<input checked="" type="checkbox"/> b. DELIVERY
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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 B&R: 925-15-171-191; JC: Q4174; BOC 252A; 31X0200.925 Obligate: \$557,983 Contractor DUNS: 107928806	10. REQUISITIONING OFFICE NRO
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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. 77 under Contract No. NRC-42-07-036 Title: "Implementation of New Plant Construction Inspection and Operational Programs" Period of Performance: Day of Award - December 31, 2010 Estimated Reimbursable Cost: \$841,798.00 Fixed Fee: \$51,825.00 Total Cost Plus Fixed Fee: \$893,623.00 Funds in the amount of \$557,983.00 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		

22. UNITED STATES OF AMERICA BY (Signature) <i>Jeffrey R. Mitchell</i>	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. 77, UNDER NRC-42-07-036

INDIRECT COST POOL	RATE	BASE	PERIOD
Fringe Benefits		Direct Labor	Task Order 77 Period of Performance
Overhead		Direct Labor	Task Order 77 Period of Performance
G&A		Total Value Added Cost Input	Task Order 77 Period of Performance
Material Handling		Materials and Subcontractor Costs	Task Order 77 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. 77. The effort shall be performed in accordance with the attached Statement of Work.

Task Order No. 77 shall be in effect from Day of Award through December 31, 2010, with a cost ceiling of \$893,623.00. The amount of \$841,798.00 represents the estimated reimbursable costs, and the amount of \$51,825.00 represents the fixed fee.

The amount obligated by the Government with respect to this task order is \$557,983.00, of which \$525,623.00 represents the estimated reimbursable costs, and the amount of \$32,360.00 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. 77 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

9/24/09

DATE

TASK ORDER STATEMENT OF WORK

JCN Q-4174	Contractor ISL	Task Order No. NRC 42-07-036 (TO 77)
Applicant N/A	Design/Site N/A	Docket No. N/A
Title/Description Implementation of New Plant Construction Inspection and Operational Programs		
TAC No. N/A	B&R Number 925-15-171-112	SRP or ESRP Section(s) N/A
NRC Task Order Project Officer (PO) Min Lee 301-415-0502 Min.lee@nrc.gov		
NRC Technical Monitor (TM) Omid Tabatabai 301-415-6616 omid.tabatabai@nrc.gov		

1.0 BACKGROUND

Combined Operating 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 in 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.

An Environmental Safety Review Plan (NUREG-1555) is prepared for the guidance of staff reviewers in performing environmental reviews of applications related to nuclear power plants. The ESRPs are companions to regulatory guides that address siting and environmental issues. As with NUREG-0800 the purpose of the ESRP is to assure the quality and uniformity of environmental reviews.

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

On Task Order No. 2 under NRC-42-07-036 awarded to Information Systems Laboratories, they provided technical assistance in developing the NRO Construction Inspection Program. The purpose of this Task Order is for the implementation of the New Plant Construction Inspection and Operational Programs.

2.0 OBJECTIVE

The objective of this task order is to obtain technical expertise from the contractor to assist the NRC staff in implementation of the Office of New Reactors (NRO) Construction Inspection Program (CIP). Tasks under this Scope of Work include the following programs in the CIP.

Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Program Development

Assist with the development of the staff ITAAC closure process including submittal process, requirements, steps, criteria, and staff verification of ITAAC closure per 10 CFR 52.99, and ITAAC inspections.

New Reactor Construction Experience Program

Assist with systematic evaluation of domestic and international construction experience (ConE) and operating experience (OpE) applicable to new reactor construction, including:

- Short-term analyses of diverse ConE/OpE sources, including available licensee event reports (LERs), international incident reporting system (IRS) reports, foreign regulators' inspection reports, etc. for trends and insights per Office Instruction NRO-REG-112,
- Short-term detailed, independent evaluations of complex ConE-OpE issues to determine safety significance and generic applicability per NRO-REG-112,
- Short-term review and evaluation of inspection reports, including vendor inspection and quality assurance audit report, for identification of applicable ConE-OpE and lessons learned, and
- Populating the NRC's ConE knowledge management database with ConE-OpE events in accordance with all NRC's Office of Information Services (OIS) rules and regulations regarding Information Management Systems, Software requirements, Security

Development of New Plant Construction Enforcement and Assessment Program

Assist the staff with development of all aspects of the enforcement and assessment methodologies for new plant construction, including the development of implementing procedures, training materials, and guidance documents.

Development of New Plant Construction Physical Security and Emergency Preparedness Inspection Procedures

Assist in developing new plant construction Physical Security and Emergency Preparedness Programmatic Inspection Procedures (IP). The new IPs would be incorporated into NRC Inspection Manual Chapter IMC-2504, "Construction Inspection Program - Non-ITAAC Inspections."

ITAAC Family Inspection Strategy Documents

Assist the staff by developing ITAAC Family Inspection Strategy documents to support the construction inspection program for new reactors. The strategy documents are inspection plans for implementing established NRC Inspection Procedures which specify inspection samples and resources to be applied. Format of strategies should follow established NRC Region II office guidance.

Development of an Integrated Information Technology System for CIP

Assist the staff to develop an integrated information technology system to facilitate storage, workflow, retrieval and reporting tasks for all processes of construction inspection program activities including but not limited to; scheduling, ITAAC inspection/verification, training, IP revision /feedback, vendor inspections, assessment of licensee performance, enforcement, etc.

3.0 WORK REQUIREMENTS, SCHEDULE AND DELIVERABLES

Tasks/Standards	Scheduled Completion	Deliverables
<p>1. REQUIREMENT: Become familiar with existing programs for Construction Inspection Program</p> <p>STANDARD: Written confirmation that familiarization is complete</p> <p>The level of effort for Task 1 is based on the volume of materials to be reviewed; this task is for familiarity and not for evaluation.</p>	<p>* 1 week after authorization of work</p>	<p>Documentation that assigned personnel have reviewed references</p>
<p>2. REQUIREMENT: Participate in an orientation/kick-off meeting with the NRC DCIP staff to discuss the scope of the work, expectations and contract management.</p> <p>STANDARD: Attendance by individuals designated by NRC.</p>	<p>* 1 week after authorization of work</p>	<p>Project Plan and Schedule</p>
<p>3. REQUIREMENT: Determine if the methods and approach proposed by the staff meet the appropriate programmatic goals. Identify issues and those aspects of the program that need additional development. Propose the output and final submittals.</p> <p>STANDARD: Completed report, guide, or project guide that follows the NRC provided template in accordance with NRC requirements. One round of comment incorporation is acceptable.</p>	<p>* 2 weeks after authorization of work</p>	<p>Program Development, TBD</p>

Tasks/Standards	Scheduled Completion	Deliverables
<p>4. REQUIREMENT: Incorporate NRC staff review comments and provide final submittal.</p> <p>STANDARD: Complete submittal and evaluation as required.</p>	<p>* 10 weeks after authorization of work</p>	<p>Final Submittal</p>
<p>5. REQUIREMENT: As needed and requested by the staff, provide technical support to the staff during related ACRS meetings and hearing proceedings.</p> <p>STANDARD: Ensure presentation materials are reviewed and approved by NRC staff.</p> <p>The level of effort in Task 5 is based on requiring one trip per task to NRC headquarters to support meetings such as ACRS review.</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 Programs.

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, or 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:

- 10 CFR Part 52 Experience
- Nuclear Power Plant Construction Experience
- Civil Engineering
- Construction Management
- Risk Assessment
- Mechanical Engineering

Electrical Engineering
NRC's Safety Culture Program
Nuclear Power Plant Emergency Preparedness Specialist
Nuclear Power Plant Physical Security Specialist
Knowledge of New Reactor Certified Design ITAAC and NRC Inspection Methods
Information Technology Specialist -- As a minimum, experienced with SharePoint, Webpage design, MSOffice Applications, Web-enabled databases, and system integration.

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 Q 4174, Task Order 77.

6.0 MEETINGS AND TRAVEL

- One 6-person, 1-day working meeting to kickoff project and contractor orientation for individual tasks assigned.*
- Five 1-person, 1/2-day working meeting at NRC headquarters to review deliverables.*
- Two 2-person, 2-day working meeting at NRC Region-II offices in Atlanta, GA.
- Two, 2-person, 1-day meetings for hearing or ACRS meeting, if needed.
- One 2-person, 1-day working meeting to kickoff project and contractor orientation for individual tasks assigned.

*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:
Project Guides and Templates as needed. Staff methodology and approach documentation.

8.0 PERIOD OF PERFORMANCE

The period of performance is from the Day of Award through December 31, 2010.

9.0. OTHER APPLICABLE INFORMATION

a. License Fee Recovery

All work under this task order is/is not fee recoverable and must be charged to the appropriate TAC number(s).

b. Assumptions and Understandings:

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 with the NRC staff and the applicant, to discuss open items in an attempt to obtain additional information or reach resolution.