

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

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

BPA NO. NRC-DR-03-09-061

1 12

1. DATE OF ORDER 9-23-2010		2. CONTRACT NO. (if any) GS10F0092J		6. SHIP TO:	
3. ORDER NO. NRC T008		4. REQUISITION/REFERENCE NO.		a. NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission	
5. ISSUING OFFICE (Address correspondence to) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Mail Stop: TWB-01-B10M Washington, DC 20555		7. TO:		b. STREET ADDRESS	
a. NAME OF CONTRACTOR ADVANCED TECHNOLOGIES AND LABORATORIES (ATL) INTERNATIONAL,		b. COMPANY NAME		c. CITY Washington	
c. STREET ADDRESS 20010 CENTURY BLVD STE 500		d. CITY GERMANTOWN		d. STATE DC	
e. STATE MD		f. ZIP CODE 208741119		e. ZIP CODE 20555	
9. ACCOUNTING AND APPROPRIATION DATA BB&R#: 020-15-112-130; JC: J4282; BOC: 252A; APP.#: 31X0200.020 OBLIGATED AMOUNT:\$65,000.00 DUNS: 827013467 FSS: NRR-10-456		10. REQUISITIONING OFFICE NRR		8. TYPE OF ORDER	
11. BUSINESS CLASSIFICATION (Check appropriate box(es))		12. F.O.B. POINT Destination		<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY 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.	
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> e. HUBZone <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> f. EMERGING SMALL BUSINESS <input type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED		13. PLACE OF		14. GOVERNMENT B/L NO. N/A	
a. INSPECTION DESTINATION		b. ACCEPTANCE DESTINATION		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) N/A	
				16. DISCOUNT TERMS N/A	

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.: 008 Title: Seabrook Task order Kick-Off Meeting, Progress/Program Review Meeting And Monthly Status Reports under Technical Assistance for The Safety Review of License Renewal Applications (Audit), U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation OBLIGATED AMOUNT \$65,000.00 with \$72,259.46 subject to the Availability of Funds. Task Order Ceiling \$137,259.46 Period of Performance: September 13, 2010 through September 12, 2012.					

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 BY (Signature) <i>William A. Adams</i>					23. NAME (Typed) William A. Adams Contracting Officer TITLE: CONTRACTING/ORDERING OFFICER		

TASK ORDER TERMS AND CONDITIONS
CONSIDERATION AND OBLIGATION

- (a) The total cost to the Government for full performance under this Task Order is \$137,259.46.
- (b) This task order is incrementally funded in the amount of \$65,000.00 with \$72,259.46 subject to the availability of funds.
- (c) Task order 008 to be performed in accordance with the attached Statement of Work. (see pg. 6)

Seabrook Task Order 08 Budget
 NRC-DR-03-09-061 6/15/2010

JCN: TAC:
 J-4282

Task Description	YR 2 Rate	YR 2 Hrs	YR 2 Costs	YR 3 Rate	YR 3 Hrs	YR 3 Costs	TOTAL Hrs	TOTAL Costs
Task 1 : Audit Preparation, Auditing, and Audit Report								
Facilitator	\$		\$	\$	0	\$		\$
Principal II	\$		\$	\$	0	\$		\$
Principal I	\$		\$	\$	0	\$		\$
National Expert	\$	0	\$	\$	0	\$	0	\$
Subtotal Task 1			\$ 44,864.50		0	\$		\$ 44,864.50
Task 2: RAI, Review Applicant's Responses, and SER Input (with Open Items)								
Facilitator	\$		\$	\$	0	\$		\$
Principal II	\$		\$	\$	0	\$		\$
Principal I	\$		\$	\$	0	\$		\$
National Expert	\$	0	\$	\$	0	\$	0	\$
Subtotal Task 2			\$ 52,878.00		0	\$		\$ 52,878.00
Task 3: Advisory Committee on Reactor Safeguards (ACRS) Support								
Facilitator	\$	0	\$	\$		\$		\$
Principal II	\$	0	\$	\$		\$		\$
Principal I	\$	0	\$	\$		\$		\$
National Expert	\$	0	\$	\$	0	\$	0	\$
Subtotal Task 3		0	\$			\$ 12,261.70		\$ 12,261.70
Task 4: Atomic Safety and Licensing Board Panel (ASLBP) Support								
Facilitator	\$	0	\$	\$	0	\$	0	\$
Principal II	\$	0	\$	\$	0	\$	0	\$
Principal I	\$	0	\$	\$	0	\$	0	\$
National Expert	\$	0	\$	\$	0	\$	0	\$
Subtotal Task 4		0	\$		0	\$	0	\$
Task 5: Peer Review of SER								
Facilitator	\$	0	\$	\$	0	\$	0	\$
Principal II	\$	0	\$	\$	0	\$	0	\$
Principal I	\$	0	\$	\$	0	\$	0	\$
National Expert	\$	0	\$	\$	0	\$	0	\$
Subtotal Task 5		0	\$		0	\$	0	\$
Travel and ODCs								\$
TASK ORDER 08 TOTALS			\$ 117,783.30			\$ 12,261.70		\$ 137,259.48

A.1 NRC Acquisition Clauses - (NRCAR) 48 CFR Ch. 20
A.2 Other Applicable Clauses

See Addendum for the following in full text (if checked)

- 52.216-18, Ordering
- 52.216-19, Order Limitations
- 52.216-22, Indefinite Quantity
- 52.217-6, Option for Increased Quantity
- 52.217-7, Option for Increased Quantity Separately Priced Line Item
- 52.217-8, Option to Extend Services

[] 52.217-9, Option to Extend the Term of the Contract

A.3 SEAT BELTS

Contractors, subcontractors, and grantees, are encouraged to adopt and enforce on-the-job seat belt policies and programs for their employees when operating company-owned, rented, or personally owned vehicles.

A.4 WHISTLEBLOWER PROTECTION FOR NRC CONTRACTOR AND SUBCONTRACTOR EMPLOYEES (JULY 2006)

(a) The U.S. Nuclear Regulatory Commission (NRC) contractor and its subcontractor are subject to the Whistleblower Employee Protection public law provisions as codified at 42 U.S.C. 5851. NRC contractor(s) and subcontractor(s) shall comply with the requirements of this Whistleblower Employee Protection law, and the implementing regulations of the NRC and the Department of Labor (DOL). See, for example, DOL Procedures on Handling Complaints at 29 C.F.R. Part 24 concerning the employer obligations, prohibited acts, DOL procedures and the requirement for prominent posting of notice of Employee Rights at Appendix A to Part 24.

(b) Under this Whistleblower Employee Protection law, as implemented by regulations, NRC contractor and subcontractor employees are protected from discharge, reprisal, threats, intimidation, coercion, blacklisting or other employment discrimination practices with respect to compensation, terms, conditions or privileges of their employment because the contractor or subcontractor employee(s) has provided notice to the employer, refused to engage in unlawful practices, assisted in proceedings or testified on activities concerning alleged violations of the Atomic Energy Act of 1954 (as amended) and the Energy Reorganization Act of 1974 (as amended).

(c) The contractor shall insert this or the substance of this clause in any subcontracts involving work performed under this contract.

A.5 OPTION PERIODS - TASK ORDER/DELIVERY ORDER UNDER A GSA FEDERAL SUPPLY SCHEDULE CONTRACT (MARCH 2007)

The Period of Performance (PoP) for this requirement may extend beyond the Offeror's current PoP on their GSA Schedule. Offerors may submit proposals for the entire PoP as long as their current GSA Schedule covers the requested PoP, or their GSA Schedule contains GSA's "Evergreen Clause" (Option to Extend the Term of the Contract), which covers the requested PoP if/when the option(s) are exercised. Offerors are encouraged to submit accurate/realistic pricing for the requirement's entire PoP, even if the proposed GSA Schedule does not include pricing for the applicable option years, etc.

For proposal evaluation purposes, the NRC assumes that applicable Evergreen Clause Option(s) will be exercised and the NRC will apply price analysis, as applicable. It is in the best interest of the Offeror to explain major deviations in escalation, proposed in any Evergreen Clause option years. Resulting GSA task/delivery order option years subject to the Evergreen Clause will be initially priced utilizing the same rates proposed under the last GSA-priced year of the subject GSA Schedule. Upon GSA's exercise of the GSA Schedule option year(s) applicable to the Evergreen Clause, the NRC will modify the awarded task/delivery order to incorporate either the proposed pricing for the option years or the GSA-approved pricing (whichever is lower).

It is incumbent upon the Offeror to provide sufficient documentation (GSA-signed schedule, schedule modifications, etc.) that shows both the effective dates, pricing and terms/conditions of the current GSA Schedule, as well as Evergreen Clause terms/conditions (as applicable). Failure to provide this documentation may result in the Offeror's proposal being found unacceptable.

CONTINUATION PAGE

Please indicate your acceptance of this contract by having an official who is authorized to bind your organization execute three copies of this document in the spaces provided below. Please send a fax of the signed document to 301-492-3438, so that this may be executed as soon as possible. One signed original should be retained for your records. In addition, please send the other two signed originals to NRC Headquarters via overnight delivery and use the following street

ACCEPTED:


Name

CEO
Title

9/22/2010
Date

Statement of Work

BPA NO: NRC-DR-03-09-061

TASK ORDER NO: 008 SEABROOK

TITLE: Technical Assistance for the Safety Review of License Renewal Application, Seabrook Station, Seabrook, New Hampshire

JCN: J-4282

B&R NUMBER: 020-15-112-130

NRC PROJECT OFFICER: Karyn Hannum, 301-415-2290, karyn.hannum@nrc.gov

NRC TECHNICAL MONITOR: Wilkins Smith, 301-415-1419, wilkins.smith@nrc.gov

TAC NO: ME4028

1.0 BACKGROUND

The Nuclear Regulatory Commission's (NRC) Office of Nuclear Reactor Regulation (NRR) is responsible for ensuring the public health and safety through licensing and inspection activities at all commercial nuclear power reactor facilities in the United States. Evaluation of License Renewal Applications (LRAs) is performed by the Division of License Renewal (DLR). DLR performs its work in accordance with the requirements of Title 10 of the Code of Federal Regulations, Part 54 (10 CFR Part 54), "Requirements for Renewal of Operating Licenses for Nuclear Power Plants". In addition, DLR uses guidance provided in NUREG-1800, "Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants", Revision 1 (SRP-LR), dated September 2005 and in NUREG-1801, "Generic Aging Lessons Learned (GALL) Report", Revision 1 also dated September 2005.

2.0 OBJECTIVE

The contractor shall provide all necessary personnel, equipment, facilities and materials to accomplish the requirements of this task order. The contractor shall provide technical support to the DLR project team in reviewing and evaluating operating license renewal application for the Seabrook Station (Seabrook) Unit 1. For this LRA, the project team, composed of contractor and NRC staff, shall audit and review aging management programs (AMPs), aging management reviews (AMRs), and time-limited aging analyses (TLAAs) submitted by the applicant. The project team shall be led by a plant project manager (PM); the team staff shall be knowledgeable and experienced in the areas of engineering and science applicable to license renewal activities. The contractor shall provide technical expertise and services for Tasks 1-5 as described in this Task Order.

For the AMP reviews, the project team evaluates and audits the AMPs the applicant proposes are consistent with the GALL Report and reviews other selected plant-specific AMPs. For each of the assigned tasks scope of work, the project team reviews the applicant's aging management activities and programs to determine whether these AMPs are adequate to manage the effects of aging on systems, structures, and components so their intended functions will be maintained consistent with the plant's current licensing basis (CLB) during the proposed period of extended operation.

For the AMP and AMR reviews, the project staff evaluates the areas for the Technical Review Packages (TRP) assigned.

For the TLAA reviews, the project team evaluates the information provided by the applicant addressing the GALL Report recommendations and plant-specific TLAA's and determines if the information provided meets the requirements of 10 CFR 54.21.

3.0 TASKS TO BE ASSIGNED

The contractor shall perform LRA review activities for the below specified Blue Folders (work packages for topical areas), as described in the following tasks, for the Seabrook license renewal application (LRA) during the task order period of performance (2 years). The contractor will be provided with the LRA, audit and SER examples, and related guidance after the acceptance of the proposal for this task order. The contractor shall submit a staffing plan and schedule of deliverables with this TO proposal. For cost estimation and planning purposes, the currently planned TRPs for this Task Order are identified below. The quantity and specific TRPs to be assigned for this task order may change base on the final project team planning.

TRP #	Title
70	Aluminum
75	Copper Alloy
79	Elastomers
81	Erosion
84	Glass
85	Heat Exchanger
86	HVAC
98	Stainless Steel
99	Vessel Integrity
100	Steel - Other
113	Absence of a TLAA for RCP Code Case, TLAA 4.7.8
114	Canopy Seal Clam Assemblies, TLAA 4.7.9
115	Hydrogen Analyzer, TLAA 4.7.10
116	Mechanical Equipment Qualification, TLAA 4.7.11
117	Absence of a TLAA- Metal Corrosion Allowances/Corrosion Effects, TLAA 4.7.14

Task 1. Audit Preparation, Auditing, and Audit Report

Requirement

The contractor team shall attend, or participate via teleconference, a project kickoff meeting as directed by the TM. The NRC will provide information on the work assignments, e.g., the split of work between the project team members and other NRC technical staff. The contractor is expected to provide up to three (3) qualified professionals/SMEs to participate in an NRC-led project team audit, of up to five (5) days, depending on the TRP assignments and project team planning. The purpose of the team audit is to determine whether the applicant has sufficient on-site documentation, as indicated in its LRA, to demonstrate that the AMPs, which are determined by the applicant to be consistent with the GALL Report or previously approved staff positions, are actually consistent.

The contractor shall perform the front end work associated with the preparation of audit and review. This work shall be performed at the contractors' office immediately after the issuance of this Task Order. The project team members will pre-write their assigned evaluation portion of the audit report, to the maximum extent possible. In addition, the contractor shall ensure that each project team member (1) review her/his portion of the assignments (TRPs) and (2) review and pre-write the evaluation of her/his portion of the audit report, where possible. This will minimize the time needed at the site.

The NRC TM will provide a current copy of the writing guidelines, the audit report template, and a sample of an audit report to the project team members to aid in the pre-write of the audit report. The contractor shall ensure that each project team member prepares his/her questions after reviewing the program basis documents for discussion with the

applicant during the audit. The contractor shall document the results of the project team's audit and review activities in an audit report in accordance with the example format provided.

The audit report shall contain the LRA-specific information, extracted from the LRA, which are related to the audit. The contractor shall prepare the draft audit report in accordance with the writing guidance provided. The contractor shall provide RAI's from the audit before the on-site audit is completed. The draft audit report shall be delivered to the TM and PM no later than ten (10) working days after the completion of the on-site visit.

The contractor shall ensure the report is technically correct and complete. The contractor shall incorporate comments from the peer review, comments from the NRC staff, and responses to the RAIs into the final audit report. The contractor shall also provide technical editing services to prepare the final audit report.

The contractor may be requested to support specific TLAA reviews and prepare portions of the draft TLAA sections of the audit report.

Standard

Contractor participation in all assigned audits.

RAIs shall have a technical and regulatory basis.

All deliverable reports provided on time, technically acceptable, with no spelling or grammatical errors, and in the specified format.

Deliverables

1. Draft RAI's (AMP/AMR/TLAA questions) from the audit usually provided to the TM before the on-site audit is completed.
2. Final RAI's (AMP/AMR/TLAA worksheets) from audit provided to the TM ten (10) working days after completion of on-site audit.
3. Draft AMP/AMR/TLAAs audit report sections delivered to the TM no later than ten (10) working days after the completion of on-site visit for NRC staff comments.
4. Final AMP/AMR/TLAAs audit report sections, with NRC comments incorporated, delivered to the TM no later than (5) working days after receipt of the NRC's comments on the draft sections.

Meetings and Travel

Site Audit up to 3 persons (3), 5-day trip to site.

If necessary, to address unresolved issues from previous audit(s), an additional trip of up to 5 days for up to 2 SME's may be requested at the direction of the PO.

Task 2. Request for Additional Information, Review Applicant's Responses, and SER Input (with Open items and Final)

Requirement

The contractor shall prepare formal requests for additional information (RAI) to obtain additional information to continue with the LRA safety review. The RAI shall cite the technical and regulatory basis for requesting the information. The contractor shall provide draft RAIs to the TM for NRC staff comment. The contractor shall revise the draft RAIs based on the NRC staff comments and deliver the final RAIs to the TM.

The contractor shall review applicant's responses to the RAI and determine whether the applicant's responses are acceptable. The contractor shall incorporate responses to the RAIs into the SER. The contractor shall coordinate any exception to the GALL with the NRC technical staff through the TM.

The contractor shall develop the draft SER with open items in accordance with guidance provided by the TM including "Safety Evaluation Report Writing Guidelines and Samples". The TM and/or plant PM will coordinate any internal NRC staff review of the draft SER with open items input and will prepare a set of NRC staff comments. The TM or plant PM will provide the comments to the contractor and will discuss them with the contractor. The contractor shall revise the draft SER with open items to reflect the comments provided by the TM or plant PM and deliver the final SER input to the TM.

Compilation of information to conduct site audits and document findings in the draft SER may require extensive interviewing of stakeholders including power plant personnel and Federal, State, and local government officials. All stakeholder interactions shall be coordinated with the plant PM.

The contractor shall develop and follow its quality control plan which outlines the procedures and system to be used for document version control, technical input tracking, change management, and technical and editorial reviews. The contractor shall organize, track, and manage changes in a structured, systematic, and transparent manner, throughout the review and production of the draft and final SER.

Standard

All deliverable reports provided on time, technically acceptable, with no spelling or grammatical errors, and in the specified format.

Deliverable

1. Draft RAIs delivered to the TM, for NRC staff comments, no later than five (5) working days after assigned
2. Technical edited final RAIs delivered to the TM no later than three (3) working days after receipt of NRC's comments on the draft RAIs.
3. Documentation of acceptability for incorporating into the draft audit report (unless the report has been completed before the RAI response is received) delivered to the TM no later than seven (7) working days after receiving responses from the applicant.
4. Draft SER with open items delivered to the TM no later than fifteen (15) working days after the completion of the first on-site visit.
5. Final SER input delivered to the TM no later than five (5) working days after receipt of NRC comments.

Task 3. Advisory Committee on Reactor Safeguards (ACRS) Support

Requirement

If directed by the TM, the contractor shall provide one SME to support DLR staff during ACRS meetings (up to two meetings - subcommittee and final) to present the results of the LRA safety review. The activities include: providing information, preparing input for the staff's presentation, and participating in the dry run and the ACRS meeting. The ACRS meeting is normally held several months after the completion of the audit report and the SER inputs. The contractor shall refresh the SME on the review and any technical issues. The dry run may be accomplished through telephone conference, if deemed acceptable by the TM.

Standard

Contractor participation in all assigned ACRS meeting support.

All information/support provided for ACRS meetings shall be technically correct.

Deliverable

Contractor support for the preparation of the ACRS meeting, support services for the dry run, and support for the duration of the ACRS meetings at the NRC Headquarters. All deliverable due dates will be specified by the PO in each TO.

Meetings and Travel

A two-day trip to Rockville, MD to support the ACRS meeting is possible.

Task 4. Atomic Safety and Licensing Board Panel (ASLBP) Support

Requirement

If directed by the TM, the contractor shall provide support to DLR staff in preparation for and during ASLBP hearings (up to two hearings). The activities associated with this task include: replying to contentions, preparing for ASLBP hearings, and participating in those hearings by presenting the results of the LRA safety review and providing testimony in response to questions by the ASLBP. The contractor shall refresh the specialist on the review and any technical issues.

The ASLBP hearings are normally held 12 months after the issuance of the final SER. The preparation for the ASLBP hearings may be accomplished through telephone conference, if deemed acceptable by the TM.

Standard

Contractor participation in all assigned ASLBP hearing support.

All information/support provided for ASLBP shall be technically correct.

Deliverable

Contractor support for the preparation of the ASLBP hearings and support for the duration of the ASLBP hearings. All deliverable due dates will be specified by the PO in each TO.

Meetings and Travel

A one-week trip to a town near the plant's location is possible.

Task 5. Peer Review of SER

Requirement

The contractor shall provide peer review support as needed and directed by the TM for SER input sections.

Standard

All deliverables shall be provided on time, technically acceptable, with no spelling or grammatical errors, and in the specified format.

Deliverable

The contractor shall provide a marked (electronic) version of the assigned SER section(s), with comments, as applicable and additional communication, if necessary, to clarify comments.

4.0 EXPECTED CLASSIFICATION OR SENSITIVITY

All work under this project is expected to be unclassified and not sensitive.

5.0 LICENSE FEE

This work is license fee recoverable.

6.0 LEVEL OF EFFORT

The overall level of effort for this Task Order is:

Task 1: Audit Preparation, Auditing, and Audit Report			
Labor Category	Estimated Hours Per Individual	Estimated Number of Individuals	Total Estimated Hours
Facilitator	10	1	10
Subject Matter Expert	60	1	60
Total Estimated Hours			70

Task 2: RAI, Review Applicant's Responses, and SER Input (with Open items and Final)			
Labor Category	Estimated Hours	Estimated Number of Individuals	Total Estimated Hours
Facilitator	10	1	10
Subject Matter Expert	100	3	300
Total Estimated Hours			310

Task 3: Advisory Committee on Reactor Safeguards (ACRS) Support			
Labor Category	Estimated Hours	Estimated Number of Individuals	Total Estimated Hours
Subject Matter Expert	20	1	20
Total Estimated Hours			20

Task 4: Atomic Safety and Licensing Board Panel (ASLBP) Support			
Labor Category	Estimated Hours	Estimated Number of Individuals	Total Estimated Hours
Subject Matter Expert	40	1	40
Total Estimated Hours			40

Task 5: Peer Review of SER			
Labor Category	Estimated Hours	Estimated Number of Individuals	Total Estimated Hours
Subject Matter Expert	30	2	60
Total Estimated Hours			

7.0 PERIOD OF PERFORMANCE

The period of performance for this task order is two years from the date of award.

8.0 DELIVERABLE FORMAT

The contractor shall provide the deliverables listed in each task in Microsoft ® Office Word 2007, or NRC designated word processing software to the plant PM, TM, and PO, unless otherwise directed by the TM.

The transmittal letter and cover page of each report, or other deliverable, as appropriate, shall contain the job control

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number (JCN), NRC technical assignment control (TAC) number or inspection report number, and the facility name and docket number, as appropriate. The SER shall be prepared in NUREG format.