

**ORDER FOR SUPPLIES OR SERVICES**

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

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

1. DATE OF ORDER <b>3/8/11</b>	2. CONTRACT NO. (if any) GS10F0092J	6. SHIP TO:	
3. ORDER NO. NRC-T010	MODIFICATION NO.	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: Adelis M Rodriguez, 301-492-3623 Mail Stop: TWB-01-B10M Washington, DC 20555		b. STREET ADDRESS Attn: Brandon Cherry, 301-415-3154 Mail Stop: 013-E19 11555 Rockville Pike	
		c. CITY Rockville	d. STATE MD
		e. ZIP CODE 20852	

7. TO:	f. SHIP VIA N/A
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a. NAME OF CONTRACTOR ADVANCED TECHNOLOGIES AND LABORATORIES (ATL) INTERNATIONAL,	8. TYPE OF ORDER	
b. COMPANY NAME	<input type="checkbox"/> a. PURCHASE	<input checked="" type="checkbox"/> b. DELIVERY
c. STREET ADDRESS 20010 CENTURY BLVD STE 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 GERMANTOWN	e. STATE MD	f. ZIP CODE 208741119

9. ACCOUNTING AND APPROPRIATION DATA Obligate: \$5,000 B&R: 2011-X0200-20-11-4-148 JCN: J4282 BOC: 252A APPR NO: 31X0200.020 Commitment No.: 111870 Contractor DUNS: 827013467 NAICS: 541611	10. REQUISITIONING OFFICE NRR
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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 checked="" type="checkbox"/> d. WOMEN-OWNED	<input type="checkbox"/> c. DISADVANTAGED
<input type="checkbox"/> e. HUBZone	<input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED

13. PLACE OF	14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	16. DISCOUNT TERMS
a. INSPECTION Destination	b. ACCEPTANCE Destination	N/A	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. 010  Title: Technical Assistance for the Review of License Renewal Application for the South Texas Project Electrical Generating Stations Units 1 & 2" Total Cost Ceiling: \$73,912.33 Total Obligated amount: \$5,000 Period of Performance: One year from effective date plus one optional year if exercised.   Contractor Acceptance on Page 2 of 12					

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	

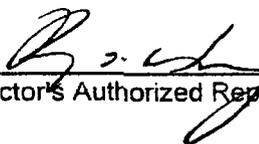
22. UNITED STATES OF AMERICA BY (Signature) <i>Adelis M Rodriguez</i>	23. NAME (Typed) Adelis M Rodriguez Contracting Officer TITLE: CONTRACTING/ORDERING OFFICER
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**TASK ORDER TERMS AND CONDITIONS NOT SPECIFIED IN THE ORIGINAL BPA**

In accordance with Section A.9 Task Order Procedures of Blanket Purchase Agreement (BPA) No. NRC-DR-03-09-061 this definitizes Task Order No. 010. The effort shall be performed in accordance with the enclosed Statement of Work.

Acceptance of Task Order No. 010 should be made by having an official, authorized to bind your organization, execute two copies of this document in the space provided and return one copy to the Contracting Officer. You should retain the other copy for your records.

Contractor's Acceptance:

  
\_\_\_\_\_  
Contractor's Authorized Representative

3/9/2011  
Date

**A. 1 CONSIDERATION AND OBLIGATION**

(a) The total estimated cost to the Government for full performance under this Task Order is \$73,912.33 with an option to increase the value by \$12,975.40 to \$86,887.73 if the options are exercised.

(b) The amount obligated by the Government with respect to this Task Order is \$5,000. This obligated amount may be unilaterally increased from time to time by the Contracting Officer by written modification to this contract. The obligated amount shall, at no time, exceed the Task Order ceiling as specified in paragraph (a) above. When and if the amount(s) paid and payable to the Contractor hereunder shall equal the obligated amount, the Contractor shall not be obligated to continue performance of the work unless and until the Contracting Officer shall increase the amount obligated with respect to this contract. Any work undertaken by the Contractor in excess of the obligated amount specified above is done so at the Contractor's sole risk.

**A.2 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.3 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.4 PROHIBITION OF FUNDING TO ACORN (NOV 2009)**

In accordance with section 163 of the Continuing Appropriations Resolution, 2010, Division B of Public Law No. 111-68 (CR), until further notice, no federal funds may be provided to the Association of Community Organizations for Reform Now (ACORN), or any of its affiliates, subsidiaries, or allied organizations. Additional information can be found at: [http://www.whitehouse.gov/omb/assets/memoranda\\_2010/m10-02.pdf](http://www.whitehouse.gov/omb/assets/memoranda_2010/m10-02.pdf)

#### **A.5 REDUCING TEXT MESSAGING WHILE DRIVING (OCT 2009)**

(a) In accordance with Section 4 of Executive Order 13513, "Federal Leadership on Reducing Text Messaging While Driving," (October 1, 2009), the Contractor or Recipient is encouraged to:

(1) Adopt and enforce policies that ban text messaging while driving company-owned or rented vehicles or Government-owned vehicles, or while driving privately-owned vehicles when on official Government business or when performing any work for or on behalf of the Government; and

(2) Consider new rules and programs to further the policies described in (a)(1), reevaluate existing programs to prohibit text messaging while driving, and conduct education, awareness, and other outreach programs for employees about the safety risks associated with text messaging while driving. These initiatives should encourage voluntary compliance with the text messaging policy while off duty.

(b) For purposes of complying with the Executive Order:

(1) "Texting" or "Text Messaging" means reading from or entering data into any handheld or other electronic device, including for the purpose of SMS texting, e-mailing, instant messaging, obtaining navigational information, or engaging in any other form of electronic data retrieval or electronic data communication.

(2) "Driving" means operating a motor vehicle on an active roadway with the motor running, including while temporarily stationary because of traffic, a traffic light or stop sign, or otherwise. It does not include operating a motor vehicle with or without the motor running when one has pulled over to the side of, or off, an active roadway and has halted in a location where one can safely remain stationary.

(c) The Contractor or Recipient shall encourage its subcontractor(s) or sub-recipient(s) to adopt and enforce the policies and initiatives described in this clause.

**A.6 52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)**

- (a) The Government may extend the term of this contract by written notice to the Contractor within 30 days; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 30 days before the contract expires. The preliminary notice does not commit the Government to an extension.
- (b) If the Government exercises this option, the extended contract shall be considered to include this option clause.
- (c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 2 years.

**A.7 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.

**A.8 PRICE SCHEDULE FOR TASK 10 – SEE NEXT PAGE**

### 4 SUMMARY OF SOUTH TEXAS TASK ORDER 10

Task Order 10 Proposed Budget for South Texas Project: Electrical Generating Stations Units 1 & 2

NRC-DR-03-09-061

2/23/2011

JCN: J4282T10 B&R Number: 2011-x200-20-11-4-148 TAC No: ME4936 (Unit 1), and ME4937 (Unit 2).

\* Assuming 10% of Tasks 1, 2 and 5 completed prior to July 19, 2011. Hours beyond July 19th 2011

OPT Tasks 3 & 4 will be under BPA Year 3's rates. Travel dollars priced, but not labor to perform work.

Task Description	Labor Category	YR 2 Rate	YR 2 Hrs	YR 2 Costs	YR 3 Rate	YR 3 Hrs*	YR 3 Costs	TOTAL HRS	TOTAL COSTS
<b>Task 1: Audit Preparation, Auditing, and Audit Report*</b>									
	PM/Facilitator (Makeig)	\$115.94	1	\$115.94	\$119.42	9	\$1,074.78	10	\$1,190.72
	Principal II (Patel)	\$152.38	4.5	\$685.71	\$156.95	40.5	\$6,356.48	45	\$7,042.19
	Principal I (Jackson)	\$133.64	4.5	\$601.38	\$137.65	40.5	\$5,574.83	45	\$6,176.21
Travel (\$3000 for Regular Tasks)**				\$300.00			\$2,700.00		\$3,000.00
G&A applied to Travel and ODCs				\$33.60			\$302		\$336.00
SUBTOTAL TASK 1			10	\$1,736.63		90	\$13,006.08	100	\$17,745.11
<b>Task 2: RAI, Review Applicant's Responses, and SER Input (with Open Items and Final)*</b>									
	PM/Facilitator (Makeig)	\$115.94	1	\$115.94	\$119.42	9	\$1,074.78	10	\$1,190.72
	Principal II (Patel)	\$152.38	15	\$2,285.70	\$156.95	135	\$21,188.25	150	\$23,473.95
	Principal I (Jackson)	\$133.64	15	\$2,004.60	\$137.65	135	\$18,582.75	150	\$20,587.35
SUBTOTAL TASK 2			31	\$4,406.24		279	\$40,845.78	310	\$45,252.02
<b>Task 3: Advisory Committee on Reactor Safeguards (ACRS) Support (Optional)</b>									
	Principal II (Patel)	\$152.38		\$0.00	\$156.95	20	\$3,139.00	20	\$3,139.00
ODCs							\$200.00		\$200.00
G&A applied to ODCs				\$0			\$22.40		\$22.40
SUBTOTAL TASK 3			0	\$0.00		20	\$3,361.40	20	\$3,361.40
<b>Task 4: Atomic Safety and Licensing Board Panel (ASLBP) Support (Optional)</b>									
	Principal II (Patel)	\$152.38	0	\$0.00	\$156.95	40	\$6,278.00	40	\$6,278.00
Travel (\$3000 for this Optional Task as requested)**							\$3,000.00		\$3,000.00
G&A applied to Travel and ODCs							\$336		\$336.00
SUBTOTAL TASK 4			0	\$0.00		40	\$9,614.00	40	\$9,614.00
<b>Task 5: Peer Review of SER*</b>									
	Nat Recogn Expert (Nickell)	\$219.60	0	\$0.00	\$226.19	30	\$6,785.70	30	\$6,785.70
	Prin I -Electrical only-(Royal)	\$133.64	0	\$0.00	\$137.65	30	\$4,129.50	30	\$4,129.50
SUBTOTAL TASK 5			0	\$0.00		60	\$10,915.20	60	\$10,915.20
<b>Task Order 10 TOTALS</b>			<b>41</b>	<b>\$6,142.87</b>		<b>489</b>	<b>\$77,742.46</b>	<b>530</b>	<b>\$86,887.73</b>

\*\* Travel added to these 2 tasks as requested in the RFP. Labor will have to be added to these tasks if this travel is required!

## STATEMENT OF WORK

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

**TASK ORDER NO:** 10

**TITLE:** Technical Assistance for the Safety Review of License Renewal Application, South Texas Project Electric Generating Station Units 1&2, Wadsworth, Texas

**JCN:** J4282T10

**B&R NUMBER:** 2011-x200-20-11-4-148

**NRC PROJECT OFFICER:** Brandon Cherry, (301) 415-3154  
[Brandon.Cherry@nrc.gov](mailto:Brandon.Cherry@nrc.gov)

**NRC TECHNICAL MONITOR (TM):** Albert Wong, (301) 415-3081  
[Albert.Wong@nrc.gov](mailto:Albert.Wong@nrc.gov)

**TAC NUMBERS:** ME4936 (unit 1)  
ME4937 (unit 2)

### 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. As these two documents are in the process of being revised, it is expected the contractor will use the most current revision of the documents to guide their reviews.

### 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 South Texas Project Electric Generating Station Units 1 & 2 (STP). 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 (TO).

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 TRPs (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. The contractor shall submit a draft project plan consisting of a staffing plan, a list of deliverables, and a schedule of the deliverable due dates 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 based on the final project team planning.

TRP #	Title
49	Electrical Cables-Connections Not Subject to 10 CFR 50.49 EQ Requirements Program
50	Electrical Cables-Connections Not Subject to 10 CFR 50.49 EQ Requirements Used in Instrumentation Circuits Program
51	Inaccessible Medium Voltage Cables Not Subject to 10 CFR 50.49 EQ Requirements
52	Metal Enclosed Bus
53	Fuse Holders
54	Electrical Cable Connections Not Subject to 10 CFR 50.49 EQ Requirements Inspection
57	EQ of Electrical Components
61	EQ Analyses of Electrical Equipment, TLAA 4.4
70	Aluminum
75	Copper Alloy
79	Elastomers
80	Electrical Insulators-Conductors
81	Erosion
84	Glass
85	Heat Exchanger
86	HVAC
92	Non-metallic
98	Stainless Steel
99	Vessel Integrity
100	Steel – Other
104	Transmission Conductors and Switchyard Buses
109	Plant-Specific 345KV SF6 Bus Program
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

### **3.1 Task 1. Audit Preparation, Auditing, and Audit Report**

#### **3.1.1 Requirement**

The contractor team shall attend, or participate via teleconference, a project kickoff meeting as directed by the TM. This meeting will discuss and finalize the draft project plan received in the request for proposal. The deliverables, schedules, staffing work assignments, timelines and quality of review products will be discussed. The contractor shall perform the review in accordance with the final project plan approved by the NRC TM. A copy of the final project plan shall be sent electronically (MS Project, or similar format) to the NRC TM and PO for the task order.

The contractor shall be 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.

#### **3.1.2 Standard**

Contractor participation in assigned kickoff meeting.

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.

#### **3.1.3 Deliverables**

1. A final project plan provided to the NRC TM and PO ten (10) working days after the project kickoff meeting.
2. Draft RAI's (AMP/AMR/TLAA questions) from the audit usually provided to the TM before the on-site audit is completed.
3. Final RAI's (AMP/AMR/TLAA worksheets) from audit provided to the TM ten (10) working days after completion of on-site audit.
4. 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.
5. 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.

#### **3.1.4 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.

Participate, as requested by the TM, in a weekly teleconference to discuss project status and interface issues between the contractor and the NRC project team and technical staff.

Participate, as requested by the TM, in weekly training sessions by teleconference to enhance technical skills, and reinforce license renewal processes.

#### **3.2 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.

### **3.2.1 Standard**

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

### **3.2.2 Deliverable**

1. Draft RAIs, from AMP or AMR reviews, will be delivered to the TM, for NRC staff comments, no later than five (40) 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 (20) 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.

## **3.3 Task 3. OPTIONAL- Advisory Committee on Reactor Safeguards (ACRS) Support**

### **3.3.1 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.

### **3.3.2 Standard**

Contractor participation in all assigned ACRS meeting support.

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

### **3.3.3 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.

### **3.3.4 Meetings and Travel**

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

## **3.4 Task 4. OPTIONAL- Atomic Safety and Licensing Board Panel (ASLBP) Support**

### **3.4.1 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.

### **3.4.2 Standard**

Contractor participation in all assigned ASLBP hearing support.

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

### **3.4.3 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.

### **3.4.4 Meetings and Travel**

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

## **3.5 Task 5. Peer Review of SER**

### **3.5.1 Requirement**

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

### **3.5.2 Standard**

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

### **3.5.3 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. The contractor shall deliver the peer review to the NRC TM no later than twenty (20) working days after assignment.

## **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 PERIOD OF PERFORMANCE**

The period of performance (for Task 1- Technical Support for Safety Review) is one year from date of award; with an option to extend the period of performance for an additional year should the optional tasks be exercised.

## **7.0 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 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.

## **8.0 FINANCIAL AND TECHNICAL STATUS REPORTS**

The Contractor shall submit periodic technical and financial reports in accordance with the contract. The estimated staff effort should be recorded at the subtask level. The work accomplished and the degree of completeness should also be tracked by subtask. The reports are due within 15 calendar days after the end of the report period (i.e., each four week period). The NRC TM shall receive one copy of the periodic status report, and the NRC PO shall receive one copy. See the contract for further distribution requirements.