AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BPA NO. | 1. CONTRACT ID CODE | PAGE 1 OF PAGE 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO.(If applicable)
0002	See Block 15c.	NRC-42-08-064 T2 M2 08064184	

6. ISSUED BY	CODE 3100	7. ADMINISTERED BY (If other than Item 6)	CODE 3100
U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Jeffrey R. Mitchell, 301-492-3639 Mail Stop TWB 01-B10M Washington, DC 20555		U.S. Nuclear Regulatory Commission Div. of Contracts Mail Stop TWB 01-B10M Washington, DC 20555	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

INFORMATION SYSTEMS LABORATORIES, INC
ISL
ATTN: DR. JAMES F. MEYER

11140 ROCKVILLE PIKE, SUITE 500

ROCKVILLE MD 20852

CODE 107928806 | FACILITY CODE

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-42-08-064 0002

X 10B. DATED (SEE ITEM 13) 11-03-2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) ACCT: Please Transfer $175,369.00 from the basic contract
825-15-171-111 Q4184 252A 31x0200.925

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Bilateral
Mutual Agreement of the Parties

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 1 _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Task Order Ceiling Amount: $480,369.00 (changed)
Total Obligated Amount: $480,369.00(changed)
Period of Performance: 11/04/2008 - 05/03/2011 (unchanged)

See continuation pages

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
Bruce B. Mrowca V.P.		Jeffrey R. Mitchell Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED 3/9/2010	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 3/4/2010

NSN 7540-01-152-8070
PREVIOUS EDITION NOT USABLE

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA - FAR (48 CFR) 53.243

SUNSI REVIEW COMPLETE

TEMPLATE - ADM001

MAR 11 2010

ADM002

The purpose of this modification is to (1) confirm the verbal authorization given on November 27, 2009 to increase the total obligations by $29,188.00, (2) to incorporate the revised task order Statement of Work, (3) increase the contract ceiling by $146,181.00 from $334,188.00 to $480,369.00 and (4) provide incremental funding in the amount of $175,369.00 thereby increasing the total obligations from $305,000.00 to $480,369.00. Accordingly, the subject task order is modified as follows:

Refer to the Task Order No. 02 "Statement of Work" is here by deleted in its entirety and replaced with the following Statement of Work attached to this Modification No. 2 entitled "Statement of Work Rev 1".

Task Order No. 02 shall be in effect from November 4, 2008 through May 3, 2011, with a cost ceiling of $480,369.00. The amount of $456,667.00 represents the estimated reimbursable costs, and the amount of $23,702.00 represents the fixed fee.

The amount obligated by the Government with respect to this task order is $480,369.00, of which $456,667.00 represents the estimated reimbursable costs, and the amount of $23,702.00 represents the fixed fee.

****ALL OTHER TERMS AND CONDITIONS OF THE SUBJECT TASK ORDER REMAIN UNCHANGED***

TASK ORDER STATEMENT OF WORK

REVISION NO. 1

JCN	Contractor	Task Order No.
Q-4184	ISL	NRC-42-08-064 (TO 2) **MOD 2**
Applicant	Design/Site	Docket No.
Luminant Power	USAPWR/Comanche Peak	**52000034 and 35**
Title/Description		
Technical Support for the Luminant Power/Comanche Peak COL Environmental Review		
TAC No.	B&R Number	SRP or ESRP Section(s)
RX0323	**025**-15-171-111	Aquatic Ecology/Alternatives/Cultural Resources/Meteorology/Accident Analysis
NRC Task Order Project Officer (PO)		
Rachel Glaros	**301-415-3672**	Rachel.Glaros@nrc.gov
NRC Technical Monitor (TM)		
Michael Willingham	301-415-3924	Michael.Willingham@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 the environmental reviews in an Environmental Impact Statement (EIS).

2.0 OBJECTIVE

The objective of this task order is to obtain technical expertise from the contractor to assist the NRC staff in determining whether or not the subject COL application meets appropriate regulatory requirements. Specifically, technical assistance is required to acquire expert technical assistance services to assist the NRC in the review of environmental protection requirements associated with the COL application. The specific objective is to provide the

specific technical expertise necessary to assist NRC in developing the environmental regulatory documents to provide the bases for the licensing decision and support for the adjudicatory hearing on whether to grant a COL.

The contractor's technical experts will participate on a multidisciplinary team coordinated and managed by another NRC contractor. The contractor with lead responsibility has the administrative and managerial role for document development and record controls; the lead contractor fills the position of Project Team Leader (PTL). The contractor's team members' assignments will begin subsequent to the NRC's acceptance of the application and establishing the review schedule. Acceptance is targeted for 60 days after receipt of the application if the NRC finds the application to be acceptable for the purposes of docketing and sufficient to establish a firm review schedule. The contractor will be notified within one week of receipt of the application or upon authorization, whichever is later, to coordinate key milestone activities, such as the environmental audits, public meetings (if attendance is appropriate), and document preparation meetings (if attendance is necessary).

The effort described herein initially represents a baseline case (i.e., standard project timeline and resource loading); however, there are "fact of life" circumstances that will require resetting the baseline case to one that reflects the expected project performance in terms of level of effort and schedule. These circumstances will become evident at several stages subsequent to the initial phase of the project, i.e., the acceptance review, the environmental audit, as well as after the public has its opportunity to determine whether or not to petition the Commission for leave to intervene on the project. Furthermore, the unique setting and historical relationship of the site area to other actions before the NRC or its predecessor agency, e.g., adjacent to a site with an operating nuclear power plant, could result in the use of existing information and reliance on earlier NRC analyses or other Federal agency environmental impact statements. Finally, the duration of this project will require funding over several fiscal years and technical progress may be affected by stakeholders outside of the control of the NRC (e.g., the responsiveness of the applicant or the justifiable need for additional analysis or consultation because of the complexity of an issue), which may result in unanticipated schedule modifications.

In addition to the NRC Technical Assistance Project Manager (TAPM), the NRC has designated an Environmental Project Manager (EPM), Mr. Michael Willingham. The EPM for this activity is also the NRC Technical Monitor (TM) and these terms may be used interchangeably.

Furthermore, the objective of this modified task order will be satisfied by ISL's assistance with the following:

1. **Completion of Subtask 4 under Section 3.0, Work Requirements, Schedule and Deliverables of this statement of work.**
2. **Completion of Subtask 6 under Section 3.0, Work Requirements, Schedule and Deliverables of this statement of work.**
3. **Completion of Subtask 7 under Section 3.0, Work Requirements, Schedule and Deliverables of this statement of work.**
4. **Completion of Subtask 8 under Section 3.0, Work Requirements, Schedule and Deliverables of this statement of work.**

Completion of the subtasks will require additional level of effort due to an increase in the amount of RAIs produced and inadequate responses from the applicant as part of the review of the Comanche Peak COL application environmental report.

3.0 WORK REQUIREMENTS, SCHEDULE AND DELIVERABLES

Upon the acceptance of this agreement, the contractor will propose and designate the contract Project manager (PM) who will direct the principal investigators' (subject matter experts') efforts for delivering consistent, high-quality products and services that satisfy client requirements in meeting schedules and budget commitments. An Environmental Project Plan prepared by the lead contractor will be adopted to integrate management, oversight, commitment tracking, quality and records control, schedule control, identification of technical and support staff, project meetings, contractor staff orientation, interactions with other NRC contractors involved in guidance development activities under other agreements, and travel.

For planning purposes, it is expected that the PTL and all environmental principal investigators will participate in the site visit to conduct the environmental audit; if schedules permit and it occurs contemporary with the environmental audit, then the principal investigator may observe the interaction with the public. If the contractor participates in the review of certain technical areas, then it may be appropriate to participate in one or more team meetings to discuss the interdisciplinary issues while preparing the draft and final integrated environmental review document. If the contractor participates in the review of certain technical areas, then it may be appropriate to be available to assist the staff as it presents its preliminary conclusions at a public meeting on the draft EIS. Whereas the NRC EPM and the PTL will participate in meetings to clarify technical issues or the audit of alternative sites, such activities may involve only limited participation by contractor staff as directed by the NRC TM. Estimates of travel reflect the level of participation anticipated for such technical areas.

The contractor will assess the need for any necessary hardware and software to meet the technical requirements of this project consistent with NRC and Federal acquisition regulations. Any acquisition will follow the process outlined in the project scope of work.

The contractor PM will document deliverables with milestones and schedules in the project monthly letter status reports (MLS) and the commitment tracking logs. All work will be documented on the indicated forms referenced in the Project Plan. Unless otherwise specified by the NRC PM, all deliverables (draft and final) will be produced in both electronic and hard copy version; the contractor will deliver one hard copy of all deliverables (draft and final) to the NRC PM and one copy to the NRC TM. The electronic (Microsoft ® Word or other agreed upon software) versions of the deliverables will be delivered to the Technical Monitor with notification of the delivery to the NRC TAPM. The contractor will identify the Job Control Number (JCN) and the Technical Assignment Control (TAC) Number(s) on all correspondence related to this agreement. The TAC Numbers will be provided shortly after receipt of the application and will cover the 5 (five) phases of the review. The subtasks are aligned by phases because some activities are conducted in parallel. The phases are: (1) the acceptance review, (2) the scoping process, (3) the preparation of the TER and Comment resolution for the Draft EIS, (4) the preparation of the TER for the Final EIS, and (5) hearing support from the Pre-hearing activities (e.g., conferences) through the review (e.g., hearing files) to the post-EIS hearing (e.g., expert testimony)].

Environmental working meetings should be anticipated to be held at the lead contractor's location in advance of preparing environmental deliverables, which will serve as input to NRC documents that will be released into the public domain. At a minimum, the NRC TM will participate in each of these meetings and the NRC legal staff, NRC technical team members, NRC management, and the NRC TAPM will participate on a less frequent basis. Work plans

should accommodate the following subtasks and schedule [including expected deliverables as technical evaluation reports (TERs)] for the appropriate phase in the project.

Subtask (and Phase) and Standards	Targeted Completion (Days After Receipt of Application) *	Deliverables
1. REQUIREMENT: Adopt Environmental Project Plan, become familiar with applicant's ER, and become familiar with basis for NRC's acceptance review conclusion and information needs. (1) STANDARD: Written confirmation that familiarization is complete.	75	Documentation that assigned personnel has reviewed appropriate correspondence.
2. REQUIREMENT: Participate in discussions regarding the environmental scoping process comments for the project and anticipated technical issues in contractor assigned technical areas. (2) STANDARD: Participation of individuals designated by NRC EPM.	90	N/A
3. REQUIREMENT: Participate in team visit to (a) the proposed site, (b) alternative sites (for appropriate technical areas), and (c) provide TER input to lead contractor for audit report (as input to NRC Trip report) to summarize the information reviewed, results of the audit, and meeting discussions. (3) STANDARD: Participation of individuals designated by NRC EPM and written confirmation.	120	Documentation for reports to be provided within 30 days to EPM and lead contractor after completion of audit (site and, if appropriate, alternative sites).
4. REQUIREMENT: Complete initial review of ER and provide TER input to lead contractor that identifies issues and areas that should be clarified; the inputs should be organized following the structure of the applicant's ER and should be phrased in question format (requests for additional information, RAIs). Identify those aspects of the application that need additional or clarifying information (RAIs). (3) STANDARD: Participation of individuals designated by NRC EPM and written confirmation.	135	Documentation for reports should be based on activities prepared for audit(s) and provided within 15 days to EPM and lead contractor after completion of audit (site and, if appropriate, alternative sites).

Subtask (and Phase) and Standards	Targeted Completion (Days After Receipt of Application) *	Deliverables
5. REQUIREMENT: If scoping comments are relevant to contractor assigned technical areas, then participate in team discussions and plans for dispositioning comments. (2) STANDARD: Participation of individuals designated by NRC EPM and acknowledgment that comments will be addressed, if relevant technical areas apply.	150	E-mail confirmation that assigned personnel have reviewed comments and understand disposition plan.
6. REQUIREMENT: Subsequent to NRC issuance of RAIs, if appropriate, support NRC at a public meeting to discuss RAIs with the applicant. (3) STANDARD: Participation of individuals designated by NRC EPM; provide acknowledgment that participation is necessary, if relevant technical areas apply.	220	E-mail confirmation that assigned personnel, if needed, can participate in public meeting.
7. REQUIREMENT: (a) Complete detailed technical review of ER, (b) provide responses to RAIs, (c) provide working draft of environmental analysis in EIS format consistent with the ESRP to the lead contractor, (d) if appropriate for contractor assigned technical area, participate in team discussions (at the location of the lead contractor) or, if appropriate for contractor assigned technical area, participate by alternate means (audio or video conferencing), on multidisciplinary technical consistency and conformance with regulatory guidance, and (e) incorporate NRC-agreed upon technical resolutions. (3) STANDARD: Participation of individuals (and means for participation) designated by NRC EPM and TER inputs provided in a timely manner to support preparation of working draft in advance of technical discussions.	270	Documentation for inputs to be consistent with NRC-provided guidance and, where appropriate, templates; independent technical evaluations are expected to document rationale for reliance on applicant and alternate sources. Team meeting nominally scheduled within 100 days of receipt of inputs.

Subtask (and Phase) and Standards	Targeted Completion (Days After Receipt of Application)*	Deliverables
8. REQUIREMENT: Subsequent to NRC issuance of draft EIS, if appropriate, support NRC at a public meeting to present the team findings and respond to questions during the presentation. (3) STANDARD: Participation of individuals designated by NRC EPM and acknowledgment that participation is necessary, if relevant technical areas apply.	475	E-mail confirmation that assigned personnel, if needed, can participate in public meeting.
9. REQUIREMENT: (a) Participate in discussions regarding the disposition of comments received at the public meeting and during the public comment period, (b) complete technical review of the changes resulting from public and stakeholder comments, (c) provide working draft of environmental analysis in EIS format consistent with the ESRP to the lead contractor, and (d) if necessary, participate in team discussions (either at the lead contractor's location or by other means) on technical consistency and conformance with regulatory guidance, and (e) incorporate NRC-agreed upon resolutions. (4) STANDARD: Participation of individuals (and means for participation) designated by NRC EPM and TER inputs provided in a timely manner to support preparation of working draft in advance of technical discussions. Provide NRC EPM and acknowledgment that participation is necessary, if relevant technical areas apply.	600	Documentation for inputs to be consistent with NRC-provided guidance; any supplemental evaluations are expected to document rationale for reliance on applicant and alternate sources. Team meeting nominally scheduled within 100 days of receipt of inputs.

Subtask (and Phase) and Standards	Targeted Completion (Days After Receipt of Application) *	Deliverables
10. REQUIREMENT: Support EPM and Safety PM in preparing for and participating in (mandatory and, if applicable, contentious) hearing (including pre-hearing conferences, preparing testimony, attendance as witness, and contributing to the hearing files). (5) STANDARD: Participation of individuals (and means for participation) designated by NRC EPM and inputs provided in a timely manner to support hearing activities in advance of legal discussions. Provide NRC EPM acknowledgment that participation is necessary, if relevant technical areas apply.	Throughout Project – Hearing schedule TBD	Documentation for inputs (e.g., testimony) to be closely coordinated with legal staff consistent with information provided in EIS and filings in response to contentions. Hearing file records provided on a continuing basis throughout the review.

* 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 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. Travel within the number of person-trips and person-days authorized under this work scope can be directed by the TM/EPM. 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, travel 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:

One (1) Subject Matter Expert in the area of Aquatic Ecology;
One (1) Subject Matter Expert in the area of Alternatives;
One (1) Subject Matter Expert in the area of Cultural Resources;
One (1) Subject matter Expert in the area of Meteorology; and,
One (1) Subject matter Expert in the area of Accident Analysis.

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 its 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 No. Q4184; Technical Assignment Control No. (TAC), RX0323; Task Order No.2; the licensee: Luminant Power; and the site: Comanche Peak.

At the completion of Tasks 3, 4, 7 and 9, provide technical inputs to the lead contractor, with copies to the NRC, that will be consolidated as a Technical Evaluation Report (TER) in the form and content of a product that can be used by the NRC as working drafts of an EIS, in the form and content of Requests for Additional Information (RAIs), or in the form and content of trip reports. (See Attachment 1 under Section J of the basic contract award document for the

guidelines for developing RAIs).

6.0 MEETINGS AND TRAVEL*

The following travel assumptions should be considered in planning the work effort. Each technical area has its own set of assumptions based on the complexity of the issue in general and the unique circumstances at the proposed location of the project. Some activities do not require visits to the site area, some do not require participation in team discussions, some do not require technical support for the NRC at public meetings, and some will not be the subject of a hearing. The actual travel contingent will be determined by the NRC TM after discussion with the contractor PM and the PTL. Travel in excess of the total number of person-trips and person-days are not authorized without the involvement of the Contracting Officer. Travel within the work scope limits will be approved by the NRC TM.

One, five-day trip visit should be planned for each of the environmental review team members for (1) site familiarization, and (2) information gathering meetings with the applicant and Federal, Tribal, State and local governmental and other organizations in the site vicinity. Depending on the technical area, selected contractor staff may need to drive to meet with NRC stakeholders or to drive off road to observe the land that may be disturbed as part of the project, or may need to use other conveyances including air- and water-craft to become familiar with land features.

One, five-day trip should be planned for key contractor environmental personnel involved in hydrology, socioeconomic, aquatic ecology, and alternatives assessments for (1) alternative site familiarization, and (2) information gathering meetings with the applicant and Federal, Tribal, State and local governmental and other organizations. Depending on the technical area, selected contractor staff may need to drive to meet with NRC stakeholders or to drive off road to observe the land associated with alternative sites, or may need to use other conveyances including air- and water-craft to become familiar with land features.

One, four-day trip should be planned for key contractor environmental personnel involved in hydrology, socioeconomic, aquatic ecology, and alternatives assessments for a public meeting near the site to provide insight to members of the public to assist them in providing comments on the draft EIS.

Two, five-day trips should be planned for key contractor environmental personnel involved in hydrology, socioeconomic, aquatic ecology, terrestrial ecology, land use, and alternatives assessments for multidisciplinary technical discussions in developing the TER that will provide the basis for the NRC's draft EIS and the final EIS. One five-day trip should be planned for key contractor environmental personnel involved in each of the other technical areas (not included immediately above) for multidisciplinary technical discussions in developing the TER that will provide the basis for the NRC's draft EIS except for fuel cycle and accident analysis (the discussions regarding the latter two technical areas in preparation for the draft EIS will be conducted using alternate means); the discussions in preparation for the final EIS for these areas will be conducted using alternate means.

Up to ten, three-day trips to NRC headquarters, the site or nearby areas, or to the lead contractor's location to selectively participate in discussions with the applicant on RAIs, with external stakeholders on, for example, intergovernmental technical issues, in preparation with legal staff as part of pre-hearing conferences or as part of the hearing should be considered as

part of the work activities. All tolled, based on the disciplines assigned, the contractor should plan on 25 person trips.

Working meetings at the lead contractor's location involving the key environmental personnel should be planned during the four week period prior to the completion of the draft and final EIS (camera-ready Environmental TERs).

Periodically, over the course of this contact, the contractor will interact (e.g., via e-mail or telephone) with the NRC EPM to discuss (a) project progress, (b) questions, (c) NRC comments, and (d) the conduct and content of subtasks associated with this contract. In unique circumstances, if the NRC EPM is not fulfilling the role of the NRC TM, then the results of any schedule and resource implications will be discussed with the NRC TM as well. It is anticipated that most of the communication between the NRC and the contractor will be handled in this manner.

For planning purposes, it is assumed that progress meetings will be quarterly during any active phase of this project, at the discretion of NRC. Each of these meetings between the contractor PM and the NRC TM is expected to last 1 to 2 days. The contractor should plan to make available key personnel assigned to the project during the course of these meetings. Most meetings will generally occur at the contractor's location and will be scheduled between the NRC TM and the contractor PM. Periodically, a program review meeting, which involves NRC and contractor management, will be held at the contractor's location to review overall program objectives and project performance; program reviews are typically held biennially.

*At the discretion of the NRC TM, meeting may be conducted via telephone or video conference.

Two, five-day trips to lead contractor's location to selectively participate in discussions at the lead contractor's location involving the key environmental personnel should be planned during the four week period prior to the completion of the draft (camera-ready Environmental TERs).

Modified travel is a result of schedule delays due to the applicant's incomplete responses to request for additional information.

7.0 NRC FURNISHED MATERIAL

The NRC TM will provide those NRC documents related to the applicable portions of the application (for example, the Environmental Report) that are readily available. The NRC TM will provide access to the applicant's safety analysis report, pertinent sections of the COL, DC, or other NRC safety or environmental documents and docketed correspondence on related issues.

The contractor staff will identify any additional NRC documentation that is needed and the TM will determine whether is will be provided by the NRC or obtained directly by the contractor from NUDOCS, ADAMS, NRC public document room or the NRC website at www.nrc.gov. The TM will provide access to the NRC SharePoint site, EARRTH, Environmental Assessment Reactor Review Team Home that will be used during the conduct of the review.

8.0 PERIOD OF PERFORMANCE

The period of performance is from November 4, 2008 through May 3, 2011.

9.0. OTHER APPLICABLE INFORMATION

a. License Fee Recovery

All work under this task order is fee recoverable under 10 CFR Part 170 and must be charged to the appropriate TAC number(s).

b. Assumptions and Understandings:

The level of effort assumes that the subject matter experts have been qualified through the orientation activity taskings.

The level of effort assumes that the applicant will work cooperatively with the NRC team during the environmental audit and that the number of RAIs resulting thereafter is of the order of 10 per technical area.

The level of effort assumes that the total number of comments on the draft EIS across all technical areas will be of the order of 2000 comments and that about 10 percent will require a refinement of earlier analyses.

The level of effort assumes that the contractor will operate collegially with the lead contractor and any other contractors assigned to the project; notably, those contractors other than the lead contractor are expected to meet timeliness and quality input objectives so that the lead contractor can compile all inputs to meet NRC expectations.

Unless specifically requested by the contractor, it is assumed that it has access to NRC furnished material on the Internet and at the NRC SharePoint site EARRTH.

Funding for information technology support under phase 3 is included as part of this task order.

It is understood that the scope of the review consists of NRC team activities led by another contractor with oversight provided by NRC technical staff and monitored/directed by the NRC TM/EPM.

The key deliverables, or outputs of this regulatory review, shall be the inputs to Technical Evaluation Reports (TER) that will provide the inputs for the NRC draft and final EISs. The EIS will document the NRC's technical, environmental, and legal basis for approving the COL application. The TER inputs must provide sufficient information to adequately explain the NRC staff's rationale for its assessment of the reasonably foreseeable impacts on the human environment of constructing, operating, and decommissioning the proposed project and its consideration of certain alternatives. The TER, and ultimately the EIS, should be written in plain language whereby an interested person without a technical background could understand the staff's assessment and rationale for its conclusions and recommendations.