

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		BPA NO.	1. CONTRACT ID CODE	PAGE 1	OF PAGE 2
2. AMENDMENT/MODIFICATION NO. M009		4. REQUISITION/PURCHASE REQ. NO. FSM-12-112 & FSM-12-127		5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Valerie Whipple Mail Stop TWB-01-B10M Washington, DC 20555		7. ADMINISTERED BY (If other than Item 6) U.S. Nuclear Regulatory Commission Div. of Contracts Mail Stop TWB-01-B10M Washington, DC 20555		3100	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SOUTHWEST RESEARCH INSTITUTE 6220 CULEBRA RD SAN ANTONIO TX 782385100		(X)		9A. AMENDMENT OF SOLICITATION NO.	
CODE 007936842		FACILITY CODE		9B. DATED (SEE ITEM 11)	
		X		10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-41-09-011 T001	
				10B. DATED (SEE ITEM 13) 09-30-2009	

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) B&R: 2012-55-35-4-195 JC: F1109 BOC: 252A APPN: 31X0200 FAIMIS: 122413 \$59,764 FSM-12-112
B&R: 2012-55-35-4-195 JC: F1109 BOC: 252A APPN: 31X0200 FAIMIS: 122765 \$90,827 FSM-12-127

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 data, 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: MUTUAL AGREEMENT OF BOTH 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.)

See Page 2 of the modification.

DUNS: 007936842 NAICS: 541620 PSC: R499

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) R.B. Kalmbach, Executive Director, Contracts		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie M. Whipple Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED 7/12/2012	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 7/17/12

STANDARD FORM 30 (REV. 10-83)

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

JUL 24 2012

ADM002

The primary purpose of this modification is to revise the Statement of Work to increasing the level of effort for Subtask 3-A Draft SEIS to add additional requirement and to add Subtask 3-C Section 106 Tribal Consultation Support, as well as Optional Tasks 3A1, 3B1, 3C1 and 3C2. As a result, the task order ceiling is increased by \$404,840

(exclusive of options) to reflect the increase in level of effort of 2,186 hours, the funded amount is increased by \$150,591, and to extend the period of performance is extended through May 13, 2013.

Accordingly, the following change is hereby made:

1. Section A CONSIDERATION AND OBLIGATION—COST PLUS FIXED FEE (JUN 1988), Paragraphs is hereby deleted in its entirety and replaced with the following:
 - (a) The total estimated cost to the Government for full performance of this contract is of which the sum of represents the estimated reimbursable costs, and of which represents the fixed fee. In the event that the government exercises its option, the total estimated cost to the Government will be increased as follows:

Optional Subtask 3A1: \$29,638
Optional Subtask 3B1: \$50,140
Optional Subtask 3C1: \$65,943
Optional Subtask 3C2: \$63,019
Optional Task 5: \$92,412
 - (c) The amount presently obligated with respect to this order is of which the sum of represents the estimated reimbursable costs, and of which represent the fixed fee. The Contractor shall not be obligated to incur costs above this ceiling/obligated amount unless and until the Contracting Officer shall increase the amount obligated. Any work undertaken by the Contactor in excess of the obligated amount specified above is done so at the Contractor's sole risk.
2. Section 2 PERIOD OF PERFORMANCE, is deleted in its entirety and replaced with the following:

2. PERIOD OF PERFORMANCE

The period of performance of this order shall be **October 1, 2009 through May 31, 2013.**

A summary of obligations under this order, from date of award through this modification, is given below:

FY'09 obligation amount: \$170,822
FY'10 obligation amount: \$252,215
FY'11 obligation amount: \$106,291
FY'12 obligation amount: \$ 276,613

Cumulative total of NRC obligations to date: \$805,941

This modification obligates \$150,591 in FY'12 funds

All other terms and conditions of this task order remain unchanged.

PROJECT TITLE: TECHNICAL ASSISTANCE FOR THE DEVELOPMENT OF
SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT
DOCUMENT

TASK TITLE: TECHNICAL ASSISTANCE FOR THE DEVELOPMENT OF AN INTERIM
SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR THE
DEWEY BURDOCK IN-SITU RECOVERY PROJECT

TASK ORDER NUMBER: 001
TASK AREA 1: Supplemental Environmental Impact Statement
Preparation
JOB CODE: F1109
B&R NUMBER: 2011-55-35-4-195
ISSUING OFFICE: FSME
NRC TECHNICAL ASSISTANCE
NRC PROJECT OFFICER (PO): Edna Knox-Davin (301) 415-6577
NRC TECHNICAL PROJECT
MANAGER (TPM): Hairmanot Yilma (301) 415-8029
FEE RECOVERABLE: Yes
TAC NUMBER: TAC J00830
DOCKET NUMBER: 040-09075

1.0 BACKGROUND

The U.S. Nuclear Regulatory Commission (NRC) staff received an application from Powertech Uranium Corporation (Powertech) by letter dated February 25, 2009 for a new Source Materials License, under the provisions of 10 CFR Part 40. The new license would allow Powertech to conduct in-situ recovery (ISR) activities for uranium extraction at Dewey Burdock, located in Fall River and Custer Counties, in the State of South Dakota. Activities involved in the proposed set up and operation of the Dewey Burdock project would include the construction of surface and subsurface infrastructures; operation of well fields to recover the uranium from injected solutions; aquifer restoration activities to restore the groundwater quality in the production zone after uranium recovery is completed within a well field; and decommissioning of surface and subsurface infrastructure and reclaiming the surface after uranium production activities at the site has been completed.

Given that the NRC expects to receive a large number of new Source Materials License applications (involving the use of the ISR process) in a relatively short period of time, the NRC prepared a "Generic Environmental Impact Statement for Uranium In-Situ Leach Milling Facilities" (GEIS) to support an efficient and consistent approach of reviewing site-specific license applications for ISR facilities. The NRC staff plans to use the GEIS to identify and evaluate generic environmental impacts associated with the construction, operation, aquifer restoration, and decommissioning of Dewey Burdock, and as a starting point for its National Environmental Policy Act (NEPA) analyses. Where the conclusions presented in the GEIS can be adopted for Dewey Burdock (i.e., whether they are within the bounds established in the GEIS), the Supplemental Environmental Impact Statement (SEIS) will provide justification for adopting the GEIS evaluation. For conclusions presented in the GEIS that can not be adopted, site-specific features and potential impacts will be evaluated in the Dewey Burdock site-specific SEIS.

2.0 OBJECTIVE

The objective of this task order is to obtain technical assistance with the development of a draft SEIS, Final SEIS, and all documents necessary to complete the environmental review as outlined below under Section 4.0 Scope of Work and Deliverables.

3.0 STAFFING

The contractor shall ensure that the technical staff performing under this task order possess the necessary experience and expertise in the technical areas assigned to them. The NRC reserves the right to approve the Project Manager and the individual technical staff assigned to each task from the necessary technical disciplines. The contractor's Project Manager shall have in-depth expertise in at least one of the issues covered by the SEIS and a general understanding of the range of issues covered by NRC NEPA reviews as outlined in NRC NUREG-1748. The contractor's Project Manager shall have extensive experience in the technical and regulatory aspects necessary for evaluating the environmental impacts of the construction, operation, and/or decommissioning of industrial facilities that require reviews under NEPA such as uranium recovery facilities, and should have expertise in methods used to mitigate the impacts on the environment. The contractor's technical staff shall have expert experience to include greater than 5 years experience in conducting reviews in the specific technical areas assigned and shall have an appropriate combination of education, training, and experience in areas required to complete an SEIS including, but not limited to, health physics, ecology, cultural resources, hydrology, geology, risk assessment, air quality, socioeconomics, and cost-benefit analyses. Additionally, the contractor's technical staff shall have a clear understanding of the depth of review generally required by the NRC and specifically required by the type of activity proposed by the applicant for the disciplines they represent. The contractor's technical staff shall also have experience presenting technical information and be able to provide written and oral testimony at mandatory or adjudicatory hearings on the proposed actions as needed. The NRC considers the following technical staff to be essential for this effort:

1. Project Manager
2. Task Manager
3. Environmental Specialist/Scientist/Engineer
4. Radiation Health Physicist
5. Hydrologist/Hydrogeologist
6. Geologist
7. Nuclear Physicist/Engineer/Criticality
8. Performance Assessment Analyst
9. General Engineer/Chemical Engineer
10. Cultural Resources Expert (Endangered Species and Historical Preservation)
11. Ecology and interrelated earth sciences Expert
12. Environmental Justice Expert
13. Cost-benefit analyses Expert
14. Transportation impact assessment Expert
15. Cumulative impacts assessment Expert
16. Facilitation/Public Outreach Expert
17. Nuclear Fuel Facility, Spent Fuel Facility, and/or Uranium Mining and Milling Expert
18. Tribal, Local, State, and/or other Federal Agency Consultations and Coordination Expert

4.0 SCOPE OF WORK AND DELIVERABLES

The contractor shall develop a SEIS, which the NRC will use to support decisions related to the issuance of a new Source Materials License to Powertech, as described in Section 1.0. The SEIS shall be written in accordance with 10 CFR Part 51, the guidance on NEPA reviews provided in NUREG-1748, and the GEIS. The work conducted under this task order shall be subject to the project management requirements described in Section 5.0. The work required is described in detail below and in Appendix A.

4.1 TASK 1: COLLECT AND REVIEW INFORMATION INCLUDING SITE VISIT

SUBTASK 1-A - COLLECT AND REVIEW INFORMATION

The contractor shall independently collect and review information related to the proposed site and its environs. The NRC TPM may also provide relevant information, including the current license application, Environmental Report (ER), and the Safety Analysis Report (SAR). Subtask 1-A shall begin immediately upon award of the task order.

The NRC TPM shall provide a copy of potentially relevant documents as they are available. In addition to the information provided by the NRC TPM, the contractor is expected to utilize the NRC's Agencywide Documents Access and Management System (ADAMS) to identify other relevant documents to the project.

The contractor shall keep the NRC TPM informed (either via electronic mailing, phone call, or personal meeting) on a weekly basis and describe the information collected, reviewed, and analyzed under this task, including but not limited to: deficiencies found in applicant-submitted information (i.e., license application/ER); deficiencies elsewhere; and any portions of other environmental reviews in the vicinity of the proposed project that can be adopted/tiered/incorporated by reference into the SEIS

The contractor shall include in its SEIS development process any coordination necessary to cover laws and regulations other than NEPA. As identified by the NRC TPM, the contractor shall provide supporting information for NRC consultations with other agencies. Information resulting from consultations with other agencies will be provided to the contractor for use in the analysis, as well as summary and referencing in the document.

No formal deliverables are required under Subtask 1-A.

SUBTASK 1-B - SITE VISIT AND INFORMATION GATHERING MEETINGS

The contractor shall visit the site as required by the NRC TPM. The NRC TPM shall coordinate the site visit with the applicant and shall request of the contractor, the necessary security information (e.g., name of individual, citizenship) of any contractor staff that will be participating prior to the site visit. The contractor shall coordinate with the NRC TPM which contractor technical staff will participate in the site visit at Dewey Burdock, located in Fall River and Custer Counties, in the State of South Dakota.

The site visit shall be documented in a site visit trip report that describes any information that was learned, requested, or obtained from the applicant (see Section 12.0 for format requirements). The site visit trip report shall be completed no later than 7 business days after the site visit is completed. Other than the site visit trip report, no other formal deliverable is required under this task.

4.2 TASK 2: PREPARE AND SUBMIT AN INTERIM SEIS

The scope of work under this task shall involve the planning and drafting of an Interim SEIS to evaluate the impacts of the proposed action (i.e., new Source Materials License). The effort shall consist of Subtasks 2-A and 2-B, as described below.

Unless directed otherwise by the NRC TPM, the contractor shall begin work on Task 2 concurrently with Task 1 of this overall task order.

The contractor shall follow the format of the GEIS to the extent practicable, and tier off/incorporate by reference, portions of the GEIS when appropriate to prepare the Interim SEIS. Guidance for technical content can be found in NUREG-1748.

The contractor shall develop a draft outline following the format of the GEIS for the NRC TPM's approval. Any deviations from the once-approved outline shall be approved by the NRC TPM. The contractor's goal shall be to focus the Interim SEIS discussion on areas of true concern and those resource areas deferred to the site-specific analysis from the GEIS.

The NRC TPM will provide the contractor with a draft of the introductory chapter (Chapter 1) describing the proposed action and its purpose and need, and licensing ISR facilities consistent with the format in the GEIS. The contractor is expected to prepare all other chapters of the SEIS.

SUBTASK 2-A – INTERIM SEIS

The contractor shall provide draft site description, proposed list of alternatives and a description of the ISR cycle consistent with the format in the GEIS. The proposed action and alternatives shall be based on the NRC TPM's input and the applicant's ER and shall include the "No Action" alternative as required by NRC regulations.

The contractor shall provide a draft description of the affected environment (see Section 12.0 for format requirements). Consistent with 10 CFR Part 51, the GEIS, and the guidance provided in NUREG-1748, effort and attention shall be concentrated on important issues as identified in the applicant's ER, by the NRC TPM, and/or by public comment, as appropriate.

The contractor shall provide a draft description of the Impacts from the Proposed Action and Alternatives. For each alternative described in the final description of the Proposed Action and Alternatives, the contractor shall assess the impacts of construction, operation, aquifer restoration, and decommissioning, including cumulative impacts. The assessment of impacts shall be based on the guidance provided in NUREG-1748 (e.g., water resources, ecology, air quality, transportation, historical and cultural resources, human health impacts, etc.). The contractor shall limit impact discussions to those areas that are reasonably impacted by the proposed action.

The contractor shall develop impacts based on the description of the proposed action and alternatives, as well as descriptions of the affected environment, and shall evaluate impacts within the bounds established in the GEIS. Resource areas where the conclusions of the GEIS are not applicable should receive the greatest amount of attention.

The contractor shall describe the applicant's proposed mitigation and monitoring strategies, if applicable, and discuss any additional mitigation and monitoring that may be necessary to ameliorate the impacts, as appropriate

The contractor shall coordinate development of impacts from accident scenarios with the NRC TPM. Accident scenarios and their impacts will be developed by NRC staff in development of the NRC's Safety Evaluation Report (SER) and will be provided, as necessary, to the contractor for inclusion in the Interim SEIS. The contractor shall incorporate other information and conclusions developed during the NRC SER process.

The contractor shall provide the NRC TPM with technical information as necessary to allow the NRC to carry out consultations under Section 7 of the Endangered Species Act and Section 106 of the National Historic Preservation Act. The NRC TPM shall provide any necessary documentation regarding consultations under Section 7 of the Endangered Species Act and Section 106 of the National Historic Preservation Act.

This subtask shall be coordinated concurrently with Subtask 2-B. A copy of the Interim SEIS shall be provided as an informal submittal to the NRC TPM 20 business days after completion of Subtask 1-B. The Interim SEIS shall provide all of the information described in this task as it is available at the time, noting information gaps to be captured under a Request for Additional Information (RAI) or as identified to the NRC TPM as work in progress. The NRC TPM will review the Interim SEIS and provide the contractor with preliminary comments, if applicable. Format requirements are described in Section 12.0.

SUBTASK 2-B - INFORMATION REVIEW/REQUEST

If the Draft SEIS cannot be generated completely without additional information from the applicant (e.g., RAIs), the contractor shall prepare questions for submittal to the NRC TPM to elicit the additional information. The NRC TPM will review and forward the contractor's RAIs to the applicant. After the applicant responds, the NRC TPM will determine (with input from the contractor) if there is still insufficient information available to prepare the Draft SEIS.

The RAIs shall cover all areas needed to complete the Draft SEIS. For example, mitigation measures and environmental monitoring shall also be considered when developing the RAIs.

The contractor shall identify areas that require further information before the Draft SEIS can be completed. The RAIs shall be documented in a brief letter report to the NRC TPM stating what information is missing and the basis for requesting the information (i.e., the potential impact on the environmental review). RAIs shall be submitted to the NRC TPM and shall be both clear and concise to elicit the additional information from the applicant. It is noted that the applicant may not be able to provide information. Thus, the contractor should be able to define what information could be developed by the contractor versus that information that must come from the applicant.

Draft RAIs shall be submitted to the NRC TPM no later than 20 business days after completing the site visit (Subtask 1-B).

4.3 TASK 3: PREPARE AND SUBMIT A DRAFT SEIS AND RESPONSE TO STAKEHOLDERS

SUBTASK 3-A - DRAFT SEIS

The contractor shall submit a Draft SEIS for the NRC TPM to review and provide to other agencies during consultations. This Draft SEIS shall incorporate the information received in any requests for additional information (RAIs) sent to the applicant, and applicable comments submitted on the three ISR SEISs (Moore Ranch, Nichols Ranch, and Lost Creek). The Draft SEIS shall also include information from a recent archeological survey report the NRC received from the applicant that documents results of evaluation of previously unevaluated sites found within areas of land disturbance during the construction and operation phase of the proposed project. The draft SEIS shall include a new Mitigation section similar to the one found in the GEIS 1910 as well sections in chapter 4 which delineates the impacts for the different waste disposal options proposed by the applicants. The contractor shall also update time sensitive sections such as socioeconomics sections since there has been about a year since the draft have been developed.

Additionally, relevant information developed during the NRC Safety Evaluation Report (SER) process shall also be summarized in the Draft SEIS and incorporated by reference.

This Draft SEIS shall follow an NRC TPM-approved outline. Deviations from the outline shall be approved by the NRC TPM.

Subtask 3-A-1: (Optional) Revision of Draft SEIS to Address the Final Rule in 76 FR 56952

The Office of the General Counsel (OGC) or NRC staff may determine that revisions are required to the draft SEIS to address the change in the definitions of "construction" and "commencement of construction" in the Final Rule published in the Federal Register Volume 76, Number 179, Page 56951. If such revisions are required then CNWRA staff will revise the Draft SEIS as directed by NRC Staff. Such revisions may be significant and include removing analyses of impacts from pre-construction activities, such as road development, from the proposed action and describing those impacts in other sections.

This optional subtask is included to ensure that adequate resources are in place to complete the revision in a timely manner, should it be needed. If this optional subtask is executed then the revised draft SEIS will be transmitted to the NRC TPM as an administrative item using the shared NRC/CNWRA computer drive.

SUBTASK 3-B - DRAFT RESPONSES TO FEDERAL, STATE, AND PUBLIC COMMENTS

Compilation of Comments (Comment Binning)

The contractor shall compile Federal, State, and Local agencies, and Public comments (estimated at ~600) according to the guidelines provided by the NRC TPM. The NRC TPM will review and approve the binning of the comments prior to the contractor developing the comment responses. The Contractor may have to revise the binning of the comments based on NRC's feedback. The contractor shall submit the binned comments to the NRC as indicated in Appendix A.

Draft Comment Response Report

The contractor shall provide responses to the Federal, state, and local agencies, and/or public comments on the Draft SEIS within 40 business days after the NRC TPM's approval of the binned comments. This subtask schedule may be extended for a larger number of comments received than currently estimated (e.g., 1 business day extension for every ten comments over 600 with a maximum 30 day extension).

Final Comment Response Report

Incorporating NRC's comments, the contractor shall revise the draft comment response report to produce the final comment response report. The contractor shall submit the final comment response report to the NRC as indicated in Appendix A.

SUBTASK 3-C - SECTION 106 TRIBAL CONSULTATION SUPPORT:

The contractor's Project Manager along with 1-2 key contractor staff members (i.e. Section 106 and Cultural Resources experts) shall support the NRC TPM in planning, coordinating, and conducting activities relating to the Section 106 review, as needed for the duration of Task 3 and 4. These activities may include

- conducting research, sharing expertise, and providing guidance to the NRC TPM;
- participating in and helping to coordinate local meetings, teleconferences, and/or webinars with Tribal representatives and other stakeholders;
- participating in discussions with NRC experts as well as ACHP and Powertech's consultants to resolve conflicts and to help move the Section 106 process along; and
- Supporting documentation of the Section 106 activities as well as conducting an ethnographic study (if one is needed). Besides providing documentation of coordination efforts, there are no formal deliverables associated with this subtask (unless an ethnographic study is requested). More specifically, the contractor shall:

Develop and populate database with Tribal leaders, meeting details, and other supporting information for the Administrative Record for the Dewey-Burdock Site *in situ* uranium-recovery (ISR) project.

Participate in discussions with NRC, BLM, ACHP, and Powertech to facilitate the Section 106 consultation process.

Interact with all Tribes involved, as established by the NRC, and ensure a steady and robust flow of information and of mutual, sound communication.

Prepare for, attend, and follow-up for upto 3 in-person, multi-Tribe meetings in South Dakota, including:

- Prepare notification
- Contact Tribes (including confirmation and response to questions)
- Coordinate approval for meeting materials
 - Provide logistics for meeting (select meeting location)
 - Support NRC TPM in all activities for the meeting
 - Facilitate the meeting
 - Prepare notes for the meeting, and
 - Follow-up with any action items. And,
- Prepare for, attend and follow-up for a teleconference (at least 2 calls), including:
 - Prepare notification
 - Contact Tribes, including confirmation and response to questions
- Coordinate approval for meeting materials
 - Support NRC TPM in all activities for the meeting
 - Facilitate the meeting
 - Prepare notes for the meeting, and
 - Follow-up with any action items.

Provide TCP survey assistant to tribes if requested. More specifically,

- Provide Tribes with record keeping (if requested),
- Work with Tribes with TCP Identification and documentation efforts (this might required for the contractor to be out in the field with Tribes for the duration of the study)
- Assist Tribes in developing the TCP study summary report
- Provide overall Project management task such that track project progress and deadline and communicate issues to the NRC as well as Applicant.

If needed, conduct an ethnographic study, the scope of the study could be,

- Assembly and review of existing cultural resource records and other primary and secondary sources. Such as
 - General environmental data sources (e.g., plant, animal, water, mineral) that may provide information regarding traditional cultural uses of the landscape;
 - Existing historic, ethnohistoric, and ethnographic studies for the landscape available from regional studies and academic libraries;
 - Tribal historical resources, local libraries, historical societies, and other repositories; and
 - Archaeological site reports and records for the landscape and its environs.
 - Tribal representatives (THPO) as well as Tribal elder interviews (interview questions should also be part of the record keeping) and
 - Any other resources that would contain useful historical context regarding historical properties that might have cultural and religious significance to interested Tribes near the proposed project.

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Subtask 3-C-2: (Optional) National Historic Preservation Act, Section 106 Support:
TCP Survey Assistance

If requested by the Native American Tribes, and approved by NRC, the CNWRA PI will oversee assistance that the CNWRA subcontractor will give to the Native American Tribes for conducting the TCP survey. Depending on the Native American Tribes' request, assistance could involve activities, from record keeping to field surveys. The CNWRA PI will keep the NRC TPM informed about the status of the TCP survey and any associated issues that need to be resolved. Assistance to the TCP survey may include

- Providing Tribes with record keeping for the TCP survey, if requested
- Assisting Tribes with TCP identification and documentation efforts, which may require travel to the proposed Dewey-Burdock ISR project for the duration of the survey
- Assisting Tribes in developing the TCP survey summary report which will be placed into the SEIS administrative record
- Providing frequent updates to NRC and Powertech representatives of the TCP survey status and results

Depending on the Native American Tribes' request and the approval of NRC, travel to Rapid City, South Dakota, may be required to assist in the survey. Potential travel associated with assisting the TCP survey is listed in Table 4.1-2.

4.4 TASK 4: COMPLETION OF FINAL SEIS

Subtask 4-A - Preliminary Final SEIS

The contractor shall incorporate all important issues and comments brought forth during consultation and as identified by the public, other stakeholders including State and Federal agencies, the applicant, the contractor, and NRC staff. The contractor shall complete the SEIS after receipt of comments from the NRC TPM. The NRC TPM shall provide any necessary documentation regarding Section 7 consultations under the Endangered Species Act and Section 106 of the National Historic Preservation Act. The NRC TPM shall also provide any necessary discussion of impacts from accident scenarios.

This subtask shall be completed no later than 30 business days after receipt of the information from NRC (see Section 12.0 for format requirements).

Subtask 4-B - Final SEIS

The contractor shall revise the Preliminary Final SEIS to incorporate comments from the NRC TPM's review to produce the Final SEIS. The contractor shall submit the Final SEIS to the NRC no later than 10 business days after receipt of the NRC TPM's comments.

4.5 TASK 5 (OPTIONAL): SUPPORT FOR LICENSING PROCEEDING AND LITIGATION

In the event of legal challenge to the evaluations made under NEPA, the contractor shall assist in the hearing as requested. The contractor could be requested to provide information for answers to interrogatories and to provide experts to prepare written testimony and present oral testimony as needed or deemed advisable and as requested.

5.0 PROJECT MANAGEMENT

Maintain Effective Communication with NRC Staff

The contractor shall maintain effective communication with the NRC TPM to help coordinate and integrate Interim SEIS preparation with NRC's technical and decision-making activities. For the duration of this task order, the contractor shall participate in a weekly telephone call with the NRC's TPM to discuss the progress to date. The contractor's Project Manager and NRC TPM shall participate in quarterly progress meetings either in Rockville, MD or at the contractor's place of business, as may be requested by the NRC TPM.

For All Communications

The contractor shall coordinate all necessary NRC communication for the specific task through the NRC's TPM or designee (as may be temporarily established via electronic or hard-copy written communication from the NRC TPM).

NRC Comments

The contractor shall resolve NRC comments through the NRC TPM when making revisions to any deliverable under each task in this task description.

Quality Assurance for the Project

The contractor shall implement and maintain quality assurance requirements for the project in accordance with Section 14.0 below.

6.0 ACCEPTANCE CRITERIA

The contractor shall document the preparation of the SEIS and maintain appropriate records. An inventory list or copies of such records shall be provided upon request by the NRC TPM.

The draft and final SEIS shall provide sufficient detail for members of the public to understand the basis of the conclusions reached. The text of these documents shall be supported by appropriate tables and graphics. Each deliverable provided by the contractor shall include directly or be accompanied by enough technical detail so that the NRC may confirm the contractor's methodologies and calculations. The SEIS shall use both incorporation by reference and tiering as applicable from the GEIS as identified in Section 1.0 "Background."

7.0 LEVEL OF EFFORT – This section removed.

8.0 MEETINGS AND TRAVEL

The contractor shall participate in the site visit referenced in Subtask 2-B and meet with the applicant and local, state, and federal agencies in order to collect relevant information. Upon request by the NRC TPM, the contractor's Project Manager shall meet with the NRC TPM at the NRC offices in Rockville, MD for a Planning Meeting and to discuss any RAIs. The NRC TPM may choose to periodically meet with the contractor in the contractor's offices to review progress and provide input into the project, as necessary. Alternatively, these meetings may be held by telephone/teleconference at the discretion of the NRC TPM. Meetings potentially requiring contractor travel are summarized below.

<u>Topic</u>	<u>Location</u>	<u>Trips</u>	<u>Days</u>	<u>Contractor Staff</u>
Planning Meeting	Rockville, MD	1	3	1
Site Visit/Information Gathering	Site Location	1	3 - 5	2
Planning Meeting	Rockville, MD	1	3	1
Section 106 Consultation	Neutral Location (SD)	1-6	10	1 to 2

9.0 NRC FURNISHED MATERIAL

The NRC TPM will provide the following materials to the contractor at the beginning of Task 1 in electronic format unless otherwise specified:

- A draft copy of the introductory chapter (Chapter 1) describing the proposed action and its purpose and need, and licensing ISR facilities consistent with the format in the GEIS;
- Applicant's license application, which includes the Safety Analysis Report, Environmental Report, and any accompanying appendices;

- Copies of cultural and paleontological information from the proposed site (non-publicly available);
- Copies of related documents from NRC's docket file;
- NRC's preferred format for RAIs;
- Copy of NUREG-1748, "Environmental Review Guidance for Licensing Actions Associated with NMSS Programs";
- Copy of NUREG-1569, "Standard Review Plan for *In-Situ* Leach Uranium Extraction License Applications-Final Report";
- Copy of NUREG-1910, "Draft Generic Environmental Impact Statement for Uranium Milling Facilities"; and
- Information gained via consultations with other agencies, as it may be made available.
- Federal, State, and Public comments when available

The NRC TPM will continue to provide related documents from the docket file throughout the completion of this task order.

10.0 CONTRACTOR ACQUIRED MATERIAL

No materials are expected to be acquired.

11.0 PERIOD OF PERFORMANCE

The period of performance of this task order shall begin on or about October 1, 2009, and will expire on **May 31, 2013**. The deliverables and schedule for work conducted under this task order are summarized in Appendix A. However, the schedule is expected to be driven by the NRC staff's review schedule for the decommissioning plan, RAIs, and related documents, as well as the applicant's additional licensing requests and licensing status.

12.0 REPORTS

Five hard copies of the draft and final versions of all reports covering each task shall be forwarded to the NRC TPM, as well as an electronic version (via electronic mail with electronic attachments) consistent with the word processor in use at the NRC (currently Microsoft Word 2003) or in portable document format (i.e., *.pdf), as appropriate. Additionally, one hard copy shall be sent to the NRC Contracting Officer (CO) as soon as the documents are required to be available.

13.0 TECHNICAL/PROJECT DIRECTION

Edna Knox-Davin is the NRC PO and Haimanot Yilma is the designated NRC TPM. The NRC PO is the focal point for all task order-related activities.

Technical direction may be provided by the NRC TPM to the contractor during the duration of this task order. Technical direction shall not constitute new assignments of work or changes of such a nature as to justify an adjustment in cost or period of performance. Directions, if any, for changes in scope of work, cost, or period of performance will be issued by the NRC CO.

14.0 STANDARD WORK PRACTICES

For all draft and final reports under this agreement, the contractor shall assure that an independent review of numerical computations, mathematical equations, and derivations is performed by qualified technical staff other than the original author(s) of the reports and other than the person who performed the original calculation. If the contractor proposes to check less than 100 percent of all computations, mathematical equations, and derivations in the report(s) (such as may be the case when there is a large number of routine, repetitive calculations), the contractor must first obtain written approval from the NRC PO. In addition, all reports, including those which do not contain numerical analyses must be reviewed for consistency and readability by the contractor's management and approved with two signatures. One signature must be from the contractor's Project Manager, and one signature must be from a manager at a higher level than the contractor's Project Manager. Informal submittals/deliverables must be reviewed and forwarded from at least the Project Manager level.

When revisions for reports are issued, a section must be included in the revised report to document dates of, reasons for, and scope of all changes made since the issuance of the first contractor's approved report.

NRC has the option of appointing a Peer Group to review, comment, and recommend changes to the draft and final reports. The contractor may recommend candidates for the Peer Group for approval by the NRC TPM.

In the case of dissent in the content of the final report, the dissenting party shall have the option of stating its viewpoints and findings. Such statements may appear in the report as decided by the NRC.

This section does not intend to create the development of a formal quality assurance program nor does it require formal quality assurance program documentation or review.

**APPENDIX A
SCHEDULE AND DELIVERABLES**

The schedule of deliverables for Tasks 1 through 5 is outlined below.

TASK	DELIVERABLE	SCHEDULE (business days)
1-B	Site Visit Trip Report	7 days after site visit
2-A	Interim SEIS	20 days after completion of Subtask 1-B
2-B	RAIs	20 days after completion of Subtask 1-B
3-A	Draft SEIS	30 days after receipt of applicant's responses to RAIs
3-A1	Optional Subtask - Revision of Draft SEIS to Address the Final Rule in 76 FR 56952	As determined by the NRC.
3-B	Draft Responses to Federal/State/Public Comments: <ul style="list-style-type: none"> • Bin Comments • Draft Comments Response Report • Final Comment Response Report 	20 days after receipt of comments from NRC 40 days after the NRC TPM approval of the comment binned 10 days after receipt of NRC's comments on the Draft comment response
3-C	Subtask – Section 106 Tribal Consultation Support	As determined by the NRC.
3-C2	Optional Subtask – National Historic Preservation Act, Section 106 Support: TCP Survey Assistance	As determined by the NRC.
4-A	Preliminary Final SEIS	30 days after receipt of Draft SEIS and responses to State and/or public comments from NRC
4-B	Final SEIS	10 days after receipt of NRC's comments on Subtask 4-A
5	Optional Hearing	As determined by the schedule of the Atomic Safety

		Licensing Board Panel
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