

REQUEST FOR INFORMATION

Four Rivers Nuclear Partnership– Paducah Deactivation Project (FRNP)

Decision 2029 – Natural Resource/Ecological Support

1.0 Description

1.1 This Request for Information is to gather information for potential respondents to provide cultural resource and historic preservation services to support the Decision 2029 (D29) regulatory decisions being pursued at the DOE Paducah Site.

1.2 THIS IS A REQUEST FOR INFORMATION (RFI) ONLY. This RFI is issued solely for information and planning purposes – it does not constitute a Request for Proposal (RFP) or a promise to issue an RFP in the future. This request for information does not commit the FRNP to contract for any supply or service whatsoever. Further, FRNP is not at this time seeking proposals and will not accept unsolicited proposals. Respondees are advised that the FRNP will not pay for any information or administrative costs incurred in response to this RFI; all costs associated with responding to this RFI will be solely at the interested party's expense. Not responding to this RFI does not preclude participation in any future RFP, if any is issued. If a solicitation is released, it will be sent to the qualifying Contractor.

2.0 Background

The D29 process will pursue comprehensive regulatory decisions for Waste Disposition Alternatives (WDA), Decontamination and Decommissioning (D&D) and Environmental Media (EM). All three decision paths will involve the development of independent Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Remedial Investigation/Feasibility Studies (RI/FS) evaluations for each remedy under the National Contingency Plan (NCP) (40 CFR 300), leading to a Record of Decision (ROD) no later than the end of fiscal year 2029. Each of the CERCLA evaluations will include the integration of National Environmental Policy Action (NEPA) values into the RI/FS process as outlined in DOE's 2013 Secretarial Policy on NEPA. The objective of the D29 process is to secure an integrated CERCLA/NEPA ROD for each of the three decisions.

The services secured under the anticipated SOW will support each of the three decision paths (i.e., WDA, D&D and EM) in parallel. It is anticipated that much of the natural resource and ecological information developed or obtained from existing site documents can be used for all three decision paths, but some decision-specific information will be required for each decision. For example, there is an approved RI/FS for WDA at the Paducah Site from 2013 that includes information and data on natural and ecological resources at the site. The new WDA decision path will include the evaluation of on-site disposal of D&D and EM waste on the Paducah Site as well as off-site disposal. Two preliminary locations for the WDA on-site alternative will need to be evaluated (see attached figure).

The scope of the natural resource/ecological services required will include the following:

1. The evaluation of existing natural resources and ecological information available at the DOE Paducah Site.
2. The identification of all Applicable, Relevant and Appropriate Requirements (ARARs) pertaining to natural resource and ecological regulatory requirements at DOE's Paducah Site.
3. Based on existing information and applicable regulatory requirements, the identification of data gaps, data that requires updating and the need for new field surveys.
4. Based on the information assessed in Items #1 - #3, development of a scoping plan that outlines the proposed strategy for addressing natural resources and ecological resources for each of three proposed decision paths.
5. Specific topics to be addressed under this SOW include:

- a. National Environmental Policy Act (NEPA)
 - b. Environmental Impact Statement Development
 - c. NEPA integration with CERCLA
 - d. Natural Resource Assessment Plan.
 - e. Wetland Delineation.
 - f. Floodplain Assessment.
 - g. Stream Surveys.
 - h. Timber Assessment.
 - i. T&E Surveys.
6. Develop sampling and data collection plans to address any data gaps pursuant to DOE Paducah Site documentation requirements.
 7. Coordinate with the Paducah Site Team to support the execution of data collection efforts as required in Item #5.
 8. Assign the appropriate SME's to the integrated WDA, D&D and EM Teams to support development of the RI/FS reports, the Proposed Plans and the RODs as required (e.g., Chapter 2 – Environmental Setting; Chapter 6 – Detailed Evaluation of Alternatives).
 9. Participate in weekly meetings.
 10. Provide input as requested to track schedule progress on a monthly basis.
 11. The resources needed for this effort will be finalized in the RFP, but are expected to include most or all of the following:
 - a. National Environmental Policy Act Experts
 - b. Senior Ecological Specialist
 - c. Junior Ecological Specialists
 - d. Wetlands Experts
 - e. Threatened and Endangered Species Experts.
 - f. Junior/Mid-Level Writer(s)

2.1 Delivery Period: To support DOE PPPO contractual milestones, the following key deliverable dates are provided:

- August 1, 2024 – Initiate development of the D0 WDA RI/FS Report.
- March 17, 2025 – Complete development of the D0 WDA RI/FS Report.
- August 31, 2026 – Initiate development of the D0 WDA Proposed Plan.
- April 10, 2025 – Initiate development of the D0 EM RI/FS Report.
- June 14, 2026 – Complete development of the D0 EM RI/FS Report.
- October 12, 2026 – Initiate development of the D0 EM RI/FS Report.
- July 30, 2025 – Initiate development of the D0 D&D RI/FS Report.
- March 9, 2026 – Complete development of the D0 D&D RI/FS Report.
- May 7, 2026 – Initiate development of the D0 D&D Proposed Plan.

2.3 Estimated Proposal Period: The bid package, including reference documents, is currently expected to be issued to prospective bidders on June 15, 2024. Proposals are anticipated to be due on July 3, 2024.

2.4 Estimated Award Date: The contract is currently expected to be awarded on, or about, August 1, 2024. Contractor is expected to start work immediately upon award.

2.5 Estimated Contract Value: \$250,000 - \$1,000,000

3.0 Requested Information

3.1 Interested parties are requested to respond to this RFI with a Capability Statement.

3.2 Capability Statements in Microsoft Word for Office 2000 compatible format are **due no later than 22MAY2024, 9:00 A.M. CST.** Responses shall be submitted via e-mail only to ron.casper@pad.pppo.gov Proprietary information, if any, should be minimized and MUST BE CLEARLY MARKED.

4.0 Responses

4.1 Section 1 of the Capability Statement shall provide administrative information, and shall include the following as a minimum:

4.1.1 Name, mailing address, overnight delivery address (if different from mailing address), phone number, fax number, and e-mail of designated point of contact, and CAGE Code.

4.1.2 Business type (large business, small business, small disadvantaged business, 8(a)-certified small disadvantaged business, HUBZone small business, woman-owned small business, very small business, veteran-owned small business, service-disabled veteran-owned small business) based upon North American Industry Classification System (NAICS) anticipated code 541620, Environmental Consulting Services.

4.2 Section 2 of the Capability Statement shall provide responses to the following questions, as well as any additional information that is considered pertaining.

- 1) Describe briefly the capabilities of your firm and the nature of the goods and/or services you provide. Include a description of your staff composition and management structure.
- 2) Describe your company's capabilities and experience in the development of NEPA documents, any experience integrating NEPA into CERLCA documents, experience with ecological surveys and consultation with state and federal regulators (e.g., U.S. F&WS), experience with wetland and stream surveys and the development of mitigation measures, and experience with timber surveys.
- 3) Describe your company's past experience on previous projects similar in complexity to this requirement. Include contract numbers, a brief description of the work performed, period of performance, agency/organization supported, and individual point of contact (Contracting Officer or Program Manager). Include quantities, customer, and date of delivery and period of performance.
- 4) What quality assurance processes and test qualification practices does your company employ, including Software Quality Assurance? Please provide a description of your quality program (NQA-1, ISO 9000, QS-9000, EIA-599, or otherwise)?
- 5) Would your company be interested in participating in this solicitation to award? Please explain your response.

5.0 Discussions

FRNP representatives may or may not choose to meet with potential offerors. Such discussions would only be intended to get further clarification of potential capability to meet the requirements, especially any development and certification risks.

6.0 Questions

Questions regarding this announcement shall be submitted by e-mail to FRNP Procurement department ron.casper@pad.pppo.gov. **Questions must be submitted within 3 days of receiving the RFI.** Verbal questions will NOT be accepted.

7.0 Summary

THIS IS A REQUEST FOR INFORMATION (RFI) ONLY to identify sources that can provide cultural resource and historic preservation services to support the Decision 2029 (D29) regulatory decisions being pursued at the DOE Paducah Site.