



Miamisburg Closure Project



Pre-Proposal Conference

Request for Proposal (RFP) Summary

August 12, 2002



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Purpose of Pre-Proposal Conference

- One week after issuance of the RFP
- Open Site to potential bidders to gather information to prepare proposals
- “Visualize” physical descriptions included in our Statement of Work (SOW)
- Goal at the end of the week - - everyone has had the opportunity to have a complete and accurate picture of the Miamisburg Closure Project (MCP) SOW



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Environmental Management Perspective

- Compete closure contract to ensure the safe accelerated closure of the MCP.
- First major procurement since publishing of the Top-To-Bottom Review (February 4, 2002).
- Establish contract structure that clearly defines and incentivizes contractor performance and defines government oversight role.
- Solicit high-quality, innovative and broad range of proposals.



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Environmental Management's

Top-To-Bottom Review Findings on Contract Management

- Acquisition strategy should integrate project management, financial management, contract management and DOE oversight processes.
- Quality of contract solicitation should attract broad contractor participation.
- Nature and extent of uncertainties should be clearly identified.
 - Identification and management of risk should be formally evaluated as part of the solicitation process.
- Clearer and more predictable processes for DOE contract administration/oversight must be incorporated into the contract.⁴



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Request For Proposal Format

- Executive Summary
- Section A, Solicitation, Offer and Award
- Section B, Supplies or Services and Prices/Costs
- Section C, Miamisburg Closure Project Statement of Work (SOW)
 - SOW Work Breakdown Structure
 - Exhibit 1, Buildings to be Demolished
 - Exhibit 2, Buildings to be Transferred
 - Exhibit 3, Utilities Work Scope
 - Exhibit 3a, Compressed Air, Chilled Water/Glycol and Steam/Condensate Systems
 - Exhibit 3b, Sanitary Treatment Plant/Collection System
 - Exhibit 3c, Water Distribution System
 - Exhibit 3d, Electrical Distribution and Street Lighting Systems
 - Exhibit 3e, Natural Gas
 - Exhibit 3f, Storm Water Drainage System
 - Exhibit 3g, Telecommunications



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Request For Proposal Format

- Exhibit 4, Section 1, Ongoing Response Actions
- Exhibit 4, Section 2, Further Assessments
- Exhibit 4, Section 3, Remaining Response Actions
- Section D, Packaging and Marking
- Section E, Inspection and Acceptance
- Section F, Deliveries or Performance
- Section G, Contract Administration Data
- Section H, Special Contract Requirements
- Section I, Contract Clauses
- Section J, List of Attachments
 - Attachment A - List of Laws and Regulations (List A)
 - Attachment B - List of Applicable DOE Directives (List B)
 - Attachment C - Deliverables
 - Attachment D - Acronyms
 - Attachment E - Small Business Plan



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Request For Proposal Format

- Attachment F - Wage Determination
- Attachment G - Government Furnished Services/Items
- Attachment H - List of Subcontracts
- Attachment I - Property List
- Attachment J - Contract Security Classification Specifications
- Attachment K - List of Key Personnel
- Section K, Representations, Certifications, and Other Statements of Offerors or Respondents
- Section L, Instructions, Conditions and Notices to Offerors or Respondents
- Section M, Evaluation Factors for Award



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Section B Overview

- Cost Plus Incentive Fee Contract
- Anticipated Effective Date: January 1, 2003
- Target Cost: \$340 million (or lower)
- Target Fee: 8% (or lower)
- Target Completion Date: September 30, 2006
- Maximum Fee 12%, Minimum Fee 2%



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Section B Overview (Continued)

- Cost Incentive:
 - Share Line: 70% Government, 30% Contractor
- Schedule Incentive:
 - 1% decrease for each month after September 30, 2006
 - 0.5% increase for each month prior to September 30, 2006
- Scheduled Quarterly Provisional Fee Payment
- Penalties for ES&H Violations



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Section C: Statement of Work (SOW) Overview

- Review of provisions called out in the SOW.
- All information provided is taken directly from the SOW
- Figure C.1 Handout



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Performance Based Approach

- Performance based schedule: For demolition it could be a schedule that identifies when facilities are demolished, debris removed, facility footprint restored, etc.
- Any other elements that describe the contractor's approach for achieving performance and results.



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Contract Purpose and Overview (C.1)

- This is a Cost-Plus-Incentive-Fee (CPIF) closure contract that includes cost and schedule performance incentives. The closure contract reflects the application of performance-based contracting **approaches and techniques that emphasize results/outcomes and minimize “how to” performance descriptions.** The contractor has the responsibility for total performance under the contract, including determining the specific methods for accomplishing the work. **The purpose of the contract is to safely close the site, meet regulatory requirements, support long-term stewardship planning, and prepare the Miamisburg Closure Project (MCP) for transition to the Miamisburg Mound Community Improvement Corporation (MMCIC) for industrial use.**



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End-State Vision (C.1.2)

- All facilities shall be demolished (66 facilities) or decontaminated and transferred (9 facilities) to the Miamisburg Mound Community Improvement Corporation (MMCIC) for industrial reuse
- All above ground utility structures and components shall be removed
- All known Potential Release Sites (PRS) including those associated with buildings, land, pipes and structures shall be investigated, remediated (if necessary), closed and documented
- The site landscape shall be restored to grade with all debris and extraneous material removed
- A draft Final Site-wide Record of Decision (ROD) document shall be submitted to, and formally accepted by, the Department of Energy (DOE)



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Mound 2000 Approach (C.2)

- Work-plan for the Environmental Remediation of the DOE Mound Site, The Mound 2000 Approach
- The Mound 2000 Approach is the regulatory decision-making process involving a “core team” of representatives from DOE, US Environmental Protection Agency (EPA) and Ohio EPA (OEPA) to evaluate environmental issues associated with clean-up activities.
- The Mound 2000 Approach provides the decision-making framework and the risk management methodology for evaluating site conditions, approving appropriate remedial action, and justifying the release of portions of the site to the MMCIC for industrial use.
- In all situations, the contractor shall follow the instructions of the Contracting Officer (CO) when providing products to the core team or receiving recommendations from the core team.



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Facility Demolition (C.2.1.1)

- The contractor shall demolish and remove the 66 facilities listed in Exhibit 1.
 - Fifty-eight (58) facilities are immediately available:
 - If demolition of any facility requires the evacuation of Building OSW or OSE (presently occupied by DOE), the contractor shall provide six months notice to DOE to vacate the buildings.
 - Six (6) facilities (Buildings 23, 38, 125, HH, WD and Building 38 Stack) will have fixed-price demolition subcontracts in place on January 1, 2003.
 - The MMCIC leases five facilities (Buildings 49, 60, 89, 104 and DS) that are designated for demolition. (Availability provided)
 - The DOE, Nuclear Energy (NE) Program occupies three facilities (Buildings 36, 37 and 50) that may be demolished. The demolition of these facilities is included in this SOW but is conditional on the final determination of the NEPA analysis.



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Demolition Approach

- Most facilities have no known radioactive contamination.
- The contractor is encouraged to coordinate with the CO to develop and execute innovative and graded approaches for removing facilities.
- Demolition includes removal of all above ground structures, basements, concrete slabs, footings and all utility systems and contaminated soils within the building's footprint.
 - The building's footprint is defined as three (3) feet below the base of the slab and three (3) feet outside of the building's perimeter.
 - The in-place volume of contaminated soils and debris contained within all building footprints is estimated to be 300,000 cubic feet₁₆



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Demolition End-State

- The contractor shall restore all demolition sites by back filling with acceptable material and grading to match the contours of the surrounding area.
- Acceptable materials can be approved off-site soils, uncontaminated crushed concrete, or certain soils, approved by the CO, relocated from other portions of the site.
- The area shall then be seeded with an appropriate grass seed mixture to attain a vegetated area.
- A crushed gravel finished surface may be permitted at certain locations if approved by the CO.



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Facility Transfer (C.2.1.2)

- The contractor shall prepare for transfer the nine facilities listed in Exhibit 2
 - Five (5) facilities are immediately available to begin the transfer process
 - Building 45 is a calibration laboratory and is occupied.
 - Buildings OSE and OSW are occupied by DOE and the contractor shall provide six months notice to DOE prior to initiating transfer activities for these facilities.
 - Building T contains the Tritium Effluent Reduction Facility (TERF) which is operational and used to reduce tritium releases during the decontamination of Buildings SW, R and T.
 - Building 61 is the former shipping/receiving facility that is anticipated to be empty at contract award.



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Facility Transfer (Continued)

- Two (2) facilities (Buildings COS and 28) were leased by DOE to MMCIC
- The NE Program occupies two facilities (Buildings 126 and 128) that may be transferred to the MMCIC.
 - For purposes of this SOW only, the transfer of these facilities is included but is conditional on the final determination of the NEPA analysis.



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“Prepared for Transfer” Definition

- A facility is considered to be "prepared for transfer" after the core team reviews the Building Data Package and one of two conditions exists:
 - (1) No Further Action has been assigned
 - (2) The core team's required RAs have been completed and certified in an On-Scene Coordinator Report.
- The CO will provide formal notification to the contractor when the facility is declared “prepared for transfer.”



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Utility Systems (C.2.2)

- The contractor shall remove all above ground utility components of the systems listed in Exhibit 3 and illustrated in Exhibits 3a through 3g.
- The contractor shall coordinate with MMCIC and DOE-NE, through the CO, on the continuity of utility services throughout the utility system removal process.
- The contractor shall provide DOE six months notice prior to the termination of any utility service.
- The contractor may propose innovative approaches to allow safe and cost-effective operation and deactivation of site utility systems.



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Potential Release Site (PRS) Restoration (C.2.3)

- The contractor shall disposition 73 PRSs listed in Exhibit 4 located outside of building footprints.
- Within this SOW, the term "disposition" requires a PRS to be investigated, remediated (if necessary), closed and documented in accordance with the Mound 2000 PRS Process.
- The contractor may elect to group certain PRSs to optimize the MCP. For purposes of this SOW, PRSs have been categorized in Exhibit 4 as follows:
 - Section I Ongoing Response Actions (RAs) – 6 PRSs
 - Section II Further Assessments – 9 PRSs
 - Section III Remaining RAs – 58 PRSs
- These activities are expected not to exceed **4.0 million cubic feet of low level waste** (soil and debris).



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PRS Restoration (Continued)

- Based on current plans, at contract award remediation activities are expected to be underway for the six PRSs included in Exhibit 4, Section I.
 - The contractor shall complete any work remaining to disposition these six PRSs.
- The contractor shall conduct the further assessments required to disposition the nine PRSs listed in Exhibit 4, Section II.
 - Eight of these PRSs are expected to result in “no further action” designations but cannot be closed until the source of possible contamination is addressed.



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PRS Restoration (Continued)

- The contractor shall disposition the remaining 58 PRSs listed in Exhibit 4, Section III.
 - The estimated waste volumes in Exhibit 4 are based on excavation and off-site disposal as the primary remediation technology.
 - The contractor may propose alternative and innovative technologies or approaches to disposition these PRSs.
- The contractor shall operate and maintain the groundwater pump and treat system



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Land Transfer (C.2.4)

- The contractor shall develop and submit, with the MCP baseline, a land transfer strategy consistent with the Mound 2000 Approach and supportive of an optimized site closure schedule.



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Waste Management and Nuclear Materials (C.3)

- The contractor shall store, characterize, process, package and ship all waste and nuclear materials to a DOE-approved or other storage, treatment or disposal site.
- Buildings 23 and 72 are permitted for HW storage. Building T may be available for HW storage under an agreement with the OEPA, once Building 23 is demolished.
- The contractor shall store, package and ship approximately 300 cubic meters of TRU waste to the Savannah River Site (SRS) by November 30, 2003.



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Project Support (C.4)

- Project Management
- Integrated Safety Management System
- Environment, Safety and Health Program
- Site Operations
- Administration
- Safeguards and Security
- Innovative Technology Programs
- Long-Term Stewardship



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Pensions and Other Employee Benefit Plans (C.5)

- The contractor shall be responsible for continuing a number of pre-existing employee welfare benefit programs.
- The contractor shall submit annual actuarial certification and employer certification as the sponsoring employer and participating employer.



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DOE Support (C.6)

- The contractor shall provide services to include, but not limited to, custodial services, daily mail, computer support, telecommunications, printing, audiovisual support, moving equipment and furniture and records management.
- The contractor shall provide office space for approximately 142 DOE personnel, as currently established until the building transfer process is implemented.
- After Buildings OSE and OSW are vacated, the contractor shall maintain a limited number of office spaces on site for DOE personnel as directed by the CO.



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Section H: Special Contract Requirements

- Project Control Systems and Reporting Requirements
- Programmatic Risks and Uncertainties
- DOE Contract Administration and Oversight
- Government Furnished Services/Items (GFS/I)
- Price Anderson Act
- Administration of Subcontracts (H.13.d)



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Section L: Instructions to Offerors

- The overall proposal shall consist of three physically separated volumes
 - Volume I – Offer (5 Copies)
 - Volume II – Technical Proposal (10 Copies)
 - Not to include any cost data
 - Includes page limitations
 - Volume III – Cost/Fee (10 Copies)



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Section L: Instructions (Continued)

- Proposals are due by 4:00 PM September 20, 2002, at:
 - U. S. Department of Energy
Miamisburg Closure Project
Contracting Officer
43 New Garver, Suite B
Monroe, Ohio 45050-1434
- Questions may be submitted until August 30 via email to:
Derrick.Franklin@ohio.doe.gov
 - Responses will be posted to the web site.
- Oral interviews will be conducted, additional information will be posted on the web page.
- Reference documents may be found on the web page or in the reading rooms.



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Section M: Evaluation Factors for Award

- This acquisition will be conducted pursuant to the policies and procedures in Federal Acquisition Regulation (FAR) Part 15 and Department of Energy Acquisition Regulation (DEAR) Part 915.
- The Government intends to award one contract to the responsible offeror whose proposal is responsive to the solicitation and is determined to be the best value to the Government.