



**Department of Energy  
Oak Ridge Operations Office  
P. O. Box 2001  
Oak Ridge, Tennessee 37831-8755**

**October 31, 2000**

**EXECUTIVE SUMMARY**

**REQUEST FOR PROPOSALS  
NO. DE-RP05-01OR22717  
DESIGN, CONSTRUCTION, AND OPERATION  
OF  
DUF<sub>6</sub> CONVERSION FACILITIES**

The Department of Energy (DOE), Oak Ridge Operations Office (ORO), intends to award a performance based contract for the design, construction, and operation of depleted uranium hexafluoride (DUF<sub>6</sub>) conversion facilities at Paducah, KY, and Portsmouth, OH. The Request for Proposals (RFP) consists of the model contract (Sections A through J); Offeror's Representations, Certifications, and Other Statements (Section K); and the process by which proposals are to be prepared, submitted, and evaluated (Sections L and M).

**Key Features of the Procurement**

**Scope** - The purpose of the resulting contract is to design, construct and operate two DUF<sub>6</sub> conversion plants, one at Paducah, KY, and one at Portsmouth, OH, which will convert to a more stable form DOE's inventory of DUF<sub>6</sub> currently stored at Paducah, KY, Portsmouth, OH, and Oak Ridge, TN. The Offeror will propose the technology process to be used and the final conversion product form. The selected Contractor will assume responsibility for cylinder management activities for UF<sub>6</sub> cylinders beginning one year before the start of conversion plant operation. The selected Contractor will also be responsible for transportation and disposition of conversion products, all waste forms, and empty and heel cylinders.

**Contract Type** - The contract will be a cost reimbursement type contract. An estimated cost for performance of the work under the contract is required to be submitted with the proposal.

**Performance Based Contract and Fee Incentive** - The contract establishes performance requirements and incentives for the accomplishment of the Statement of Work. An incentive fee for construction will be proposed by the Offeror and will be paid based on the successful completion of construction and the attainment of cost and schedule targets. An award fee will be proposed by Offerors for operation of the plants with award fee paid based on the quantity and cost of DUF<sub>6</sub> processed and other associated performance requirements. The design work will be performed on a fixed fee basis.

**Environment, Safety and Health** - Safe accomplishment of the work and protection of human health and the environment are of primary importance as indicated in the Statement of Work and Evaluation Criteria. An Integrated Safety Management System is required and will flow down to subcontractors. The Contractor, or the cognizant subcontractor(s), is responsible for any required permits for its activities.

**Workforce Transition** - A number of contract requirements are specified to facilitate a smooth transition of employees, who are currently performing cylinder surveillance and maintenance work, from the incumbent DOE contractor to the DUF<sub>6</sub> Contractor. In addition, there are provisions that will facilitate the utilization of the available workforce currently at the Paducah, KY, and Portsmouth, OH, plant sites by the DUF<sub>6</sub> Contractor, including provisions for competitive pay and benefits with substantial continuity of benefits.

**Foreign Ownership, Control, or Influence** - This procurement is subject to the DOE requirements and policies concerning foreign ownership, control, or influence. A contract which requires the Contractor to be granted a facility clearance can only be awarded to a company owned and/or controlled by a foreign interest upon an affirmative determination by DOE that such action is in the national interest.

**Evaluation Criteria** - Evaluation criteria and relative weights are shown below:

<b>Evaluation Criteria</b>	<b>Relative Weights</b>
(1) Technology/Design	30%
(i) DUF <sub>6</sub> Conversion	20%
(ii) Waste and Conversion Product Disposition	10%
(2) Project Management	25%
(i) Method of Accomplishment	15%
(ii) Project Management Systems	10%
(3) Business Management	15%
(4) Environment, Safety and Health	15%
(5) Experience	10%
(6) Past Performance	5%

Cost and Fee are not assigned weights, but will be considered in evaluating proposals for the best value to the Government.

**Contract Period and Contract Award** - The contract period will cover the design effort, the construction effort, and five years of operations. The Offerors will propose the specific schedule of activities leading up to the 5-year operation period. The contract is expected to be awarded in July 2001.

**Site Tours and Preproposal Conference** - Site tours of the Oak Ridge, TN; Paducah, KY; and Portsmouth, OH sites will be held on December 4, 5, and 7, 2000, respectively. Certain pre-registration information for the site tours must be submitted by November 6, 2000. A preproposal conference will be held in Lexington, KY, on December 8, 2000. In order for questions to be addressed at the preproposal conference, they should be submitted by November 27, 2000.

**Proposal Due Date** - Proposals are due by 4:00 PM (EST) on February 1, 2001.

**Questions and Information** - Questions related to the RFP should be provided to Angela Carroll, via e-mail at [DUF6seb@oro.doe.gov](mailto:DUF6seb@oro.doe.gov) or facsimile at 865-241-1410. Questions should identify the specific section or clause of the RFP to which they apply. As appropriate, questions and answers will be posted on the Internet. The identity of the organization and/or individual submitting questions will not be revealed. The RFP and information regarding the RFP is on the Internet at <http://www.oro.doe.gov/duf6disposition>.

Offerors are cautioned to rely solely on the RFP. If there are any conflicts between this executive summary and the RFP, the RFP shall govern.