

DMB COPY

MAY 24 1985

Luc # 34-13 774-01

30-5884

Oak Ridge Associated Universities
ATTN: Mr. Roger Cloutier
Oak Ridge, TN 37831-0117

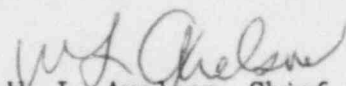
Dear Mr. Cloutier:

We have reviewed the draft DOE/ORAU Statement of Work Required for the J. C. Haynes' cleanup and have the following comments:

- Item No. 8 should indicate that photographs be taken of all analytical equipment (except rags, paper, decon solution, etc) taken from the gloveboxes which may have been used to irradiate diamonds.
- An additional statement should be added indicating that coordination with the State of Ohio DSA will be maintained regarding the transportation of high level transuranic waste (>100 nCi/gram) to Mound Laboratory.

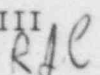
In general, we concur with the Statement of Work and believe the above two items can be procedurally handled during the cleanup.

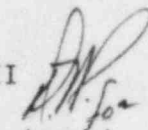
Sincerely,



W. L. Axelson, Chief
Nuclear Materials Safety
and Safeguards Branch

cc w/Draft DOE/ORAU Statement
of Work:
Nuclear Materials Safety
Section Inspection Staff

8506040707 850524
REG3 LIC30
34-13774-01 PDR

RIII

Caniano/jl
5/21/85
5/22/85

RIII

Sreniawski
5/21/85

RIII

Axelson
5/22/85

IE07

11

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION

1. The _____ of the Department of Energy plans to contract by means other than full and open competition. This document sets forth the justification and approval of the use of one of the exceptions to full and open competition allowed under the Competition in Contracting Act of 1984.

2. A sole source aquisition is being entered into with the Battelle Laboratories of Columbus, Ohio for the immediate decontamination of Americium-241 from the J. C. Haynes property as part of an interagency agreement between DOE and EPA. Sole source aquisition is being used because of the highly technical nature of the assignment and the need to take immediate action to correct an imminent hazard to the public health and safety. A description of the hazard and its need for immediate correction are given in Attachment 1 and 2.

3. The work to be performed is described on Attachment 3 and will be performed under the supervision of ORAU technical staff. The estimated cost for this project is \$150K.

4. An exception from full and open competition is based on DOE order 4200.1B,8(2) which deals with "Unusual and Compelling Urgency". Item (d) allows for an exception to full and open competition "... when serious harm would result if the Department were to delay the award." Both NRC and EPA have declared that the present situation at the J. C. Haynes property constitutes an imminent hazard to the health and safety of the public, Attachments 1 and 2. EPA states that "The sum of the conditions at the site are such that the threat to public health and safety is both imminent and significant."

MAY 20 1985

5. Because of the highly technical nature of this assignment, only a few groups have the required qualifications to perform the work. To accomplish the task the contractor must have 1) workers trained and experienced in the decontamination and disposal of Am-241 or Pu-239 and 2) knowledge of the rules and regulations pertaining to the packaging, transport, and disposal of transuranic waste (TRU). ORAU has inquired about the availability of most of the groups known to be qualified to perform the work, especially those in the immediate area of the Haynes property and found that only the Battelle Laboratories are available to immediately perform the work. Others contacted include Oak Ridge National Laboratory and Mound Laboratories.

6. Offers will not be submitted by others because they are not available to immediately respond.

7. Battelle Laboratories has been a DOE contractor for several decades and costs will be determined in accordance with standard accounting procedures. The costs have been determined to be reasonable on the basis of similar decontamination efforts at other sites.

8. Because of the urgency to perform the work no market surveys were performed. Exemption from Commerce Business Daily Notice is based on DOE 4200.1B, 10a.(2). This section allows an exception from notice when "The contract action is to fulfill a need for supplies or services that is of such an unusual and compelling urgency that the Government would be seriously injured ...". Responsibility for the hazard at the J. C. Haynes site now rests with the U.S. Nuclear Regulatory Commission and the Environmental Protection Agency. The EPA/DOE interagency agreement now assigns responsibility for decontamination to DOE.

9. This work assignment requires the removal of Am-241 and contaminated items from the J. C. Haynes property. General technical specifications have been written, (attachment 3). It is impossible to write technical specifications that would allow full and open competition because the full extent of the contamination will not be known until the decontamination effort begins. Because of the hazard associated with this property, it is not feasible to allow all potential bidders to enter the property as this would increase the possibility for the present contamination situation to become more serious.

10. Not applicable.

11. Most decontamination efforts do not involve an imminent hazard to the public, thus the requirements for taking normal corrective actions can follow the normal procurement route.

STATEMENT OF WORK REQUIRED

Work to be performed under the general direction of ORAU and NRC at the J. C. Haynes property in Newark, OH. Each work assignment shall be performed by personnel trained and experienced in handling transuranium materials and performed under direct health physics supervision. Work to be performed shall be in accordance with existing generic QA/QC documents.

The work must begin no later than one week from the issuance of the purchase order. The work is expected to require one month.

1. Review existing radiological surveys and perform any additional surveys necessary to evaluate the radiological and other hazardous conditions related to the removal of Am-241 and contaminated equipment from the restricted area of the J. C. Haynes property.
2. Develop procedures for safe removal of Am-241 from the restricted area: glove boxes, sinks, air handling systems, etc. This includes establishment of safety barriers, contamination zones, and emergency plans.
3. Develop procedures for the transport and ultimate disposal of the Am-241 and contaminated waste. These procedures must be in accordance with applicable NRC, DOT and DOE regulations.
4. Secure the required hazardous material containers approved by DOT for the quantities and types of Am-241 expected to be encountered.

May 3, 1985

5. Arrange for the disposal of the contaminated material at DOE or private waste disposal sites.
6. Provide staff and material necessary to construct safety zones and barriers. This will include the removal of walls, pipes, etc. to allow removal of equipment from the contaminated area.
7. Provide staff and materials required to remove Am-241 and contaminated materials from the glove boxes and package all contaminated items for ultimate disposal. Personnel will be required to work in full protective clothing and respiratory protection.
8. Monitor the radioactivity of the material as it is being removed from glove boxes in order to estimate the total quantity of Am-241 present as required by NRC, DOE and DOT regulations.
9. Provide personnel and materials for the decontamination or fixation of the Am-241 prior to the dismantling and removal of the contaminated glove boxes, sink, air handling systems, etc.
10. Package the Am-241 and all contaminated items into DOT approved shipping containers.
11. Prepare the necessary shipping documents, monitor the shipping containers, and ship containers to their destination.
12. Maintain records of all work and prepare summary report within one month of completing the work.