

Decommissioning Scope of Work

Pre-Bid Questions/Answers

AJ Blotcky Reactor Facility Omaha Research Reactor Operating License R-57

Questions from the Pre-Bid Meeting

Q1: Where is the Decommissioning Plan?

A: The Draft Decommissioning Plan is available in the NRC's ADAMS database (<http://www.nrc.gov/reading-rm/adams.html>). The Accession Number is ML12075A202. The final Decommissioning Plan which will include only minor modifications will be submitted to the NRC by the end of April.

Q2: What are the operating hours for the project? What are the work hour restrictions for D&D activities at the AJBRF (work days/hours)?

A: 6:00 AM to 6:00 PM

Q3: Does the contractor need to provide security for the project?

A: *The reactor room project area needs to be secured when contractor is not present. Additional security not required.*

Q4: Is there Freon in the cooling system?

A: The cooling system is no longer functioning and it has been the refrigerant has been evacuated.

Q5: Will structural drawings be available?

A: see attached Drawings: S1 Footing Plan – West; S8 First Floor Plan – West (Note these are copies of original drawings from construction by USACOE in late 1940's and are purported to represent building conditions – these have not been verified.)

Q6: Is this a lump-sum contract and is waste transportation and disposal included in the bid price?

A: Yes, this is lump sum (with one Option). Yes, this lump sum must include waste transportation and disposal.

Q7: Is this a "best value" or "low price" award?

A: Best value.

Q8: What are the evaluation criteria?

A: The evaluation criteria will be provided in the RFP.

Q9: Is the area under negative pressure?

A: The vent hoods are open and the fans are functioning. Room intake is provided by building HVAC and direct outside louvers. However, reactor room was not particularly designed, nor operated, as a negative pressure space.

Q10: What access is needed by hospital maintenance?

A: There is no general access by any hospital personnel other than ORD technical staff. Hospital engineering staff do not have access requirements to the reactor area on a regular basis.

However, hospital engineering personnel will need access to shut off utilities such as electrical, gas, air, vacuum, water and sewer as demolition progresses. Demolition activities need to occur during normal working hours to ensure adequate response time to any utilities damaged.

Q11: Will bonding be required?

A: Yes.

Q12: Are there "Radiation Areas" within the facility as indicated in the posting in one of the site photos.

A: There are two "Radiation Area" postings at the facility. One is on the railing surrounding the top of the reactor pool. While the dose rates within the delineated area are at background levels, if the tank was to lose its water, the area would meet the "Radiation Area" definition. The second posting is on the water filter resin tank in the vault outside of the reactor area. The dose rates on the exterior of the tank do not create a "Radiation Area" but NRC inspectors have recommended that the tank be posted due to contamination of the resins inside the tank. Concentrations of isotopes of concern in the resin are provided in the July 2011 Characterization Report.

Q13: Are there other vent ducts that tie into fume hood ventilation ducts? Is the duct work to be removed?

A: The fume hood ducts are not expected to be connected to other ductwork. However, the path from the basement to the roof is not known. Removal of the fume hood ductwork above the basement level is not within the scope. Contamination surveys provided in the July 2011 Characterization Report indicate that the ducts in the basement and on the roof are not contaminated.

Q14: Is there radiation data available on the reactor components?

A: The draft Decommissioning Plan (NRC ADAMS Accession Number ML12075A202) includes underwater survey results from the 2002 site characterization. The reported dose rates have not been decayed. The Decommissioning Plan also includes a MicroShield model output file that provides an estimate of the Co-60 activity in the Lazy Susan.

Q15: Is the old operating manual for the reactor available?

A: The manual will be made available to the bidders.

Q16: Is the work to be conducted under the VA's or the contractors radioactive materials license or broker license?

A: VA is requiring that bidders have a radioactive materials license (state or NRC). However, this is a demonstration of qualifications and will not need to be enacted for the project. The decommissioning will be conducted under VA's NRC license as amended to include the Decommissioning Plan. While VA will be the generator of all radioactive waste from the project, VA will not broker waste shipments. Transportation and disposal costs are to be included in the bidder's pricing.

Written Questions

Q1: Will the AJBRF waste volume be estimated and provided to bidders to provide bid consistency?

A: Waste volume estimates are provided in the draft Decommissioning Plan (NRC ADAMS Accession Number ML12075A202). The final Scope of Work in the RFP will provide additional information and assumptions to be used in pricing waste management tasks.

Q2: Does the VA anticipate providing any noise or vibration restrictions to bidders?

A: *Yes, see limited denoted in specifications.*

Q3: Will the DOC be responsible for required engineering evaluations for the project?

A: Yes.

Q4: Is additional radiological, hazardous material and historical characterization available beyond the data identified in the DP?

A: The DP references characterization efforts in 2002 and 2011. The complete reports for these efforts will be available to bidders.

Q5: Has there been a determination of other radiation source or processes in the local area or past activities involving other radionuclides?

A: The radionuclides of concern for the decommissioning project are provided in the draft Decommissioning Plan (NRC ADAMS Accession Number ML12075A202).

Q6: Does the VA anticipate any subcontractor access issues other than employee parking? Designated subcontractor laydown area is in close proximity to loading dock. Will there be logistical issues with this location?

A: The contractor will be given laydown access along the far East side of the loading dock. Access to the docks specifically will be arranged to de-conflict the hospital's receiving of its operational deliveries. Contractor shall be responsible for the cleaning corridors used for access of debris.

Q7: It was stated in the pre-bid that power (110 and 208) would be furnished, but if additional power is needed would the subcontractor need to assume this responsibility?

A: Several standard-sized circuits (20 amp) are available for use. Additional electrical service for interior use can be arranged through VA, up to a maximum of 225amp, 208V. If additional electrical power is necessary, contractor would have to provide own generator.

Q8: Is the VA aware of any waste or material transportation restriction from the site?

A: No.

Q9: Are there any applicable or interfacing labor agreement (CLA or PLA)? Can this project be executed with open shop labor?

A: ***

Q10: What specific state permits will be required of the successful bidder?

A: It is not anticipated any specific state permits will be required, other than those necessary for asbestos abatement.

Q11: Will bidder be provided any document depicting under slab and walk in cooler area utilities?

A: see attached Drawings: S1 Footing Plan – West; S8 First Floor Plan – West (Note these are copies of original drawings from construction by USACOE in late 1940's and are purported to represent building conditions – these have not been verified.)

Q12: Will there be a designated area for stockpile of excavated soils (for external access) required during project?

A: If any spoils are to remain temporarily on-site, they shall stay in the courtyard, north of the exterior emergency generator serving the BSL3 lab. All grounds should be restored to the condition in which they were found.