

## **REQUEST FOR QUOTES**

### **Request for Quotes – Ross MG Set Electrical Equipment**

RFQ Posted: March 22, 2021  
Quotes Due Date: March 31, 2021 by 2:00 P.M.

Documents in this Request for Quote include:

- A. Request for Quotes (RFQ)
- B. Draft contract (2021-07)

The South Dakota Science and Technology Authority (SDSTA) is requesting quotes for the purpose of disposing as salvage at the Sanford Underground Research Facility (SURF) located in Lead, South Dakota.

6 Drained mineral oil transformers with detectable PCB's (2 ppm) up to less than 450 ppm.

12 Switches with detectable PCB's (2 ppm) up to less than 450 ppm.

2 PCB capacitors (PCBs greater than 450 ppm)

The selected contractor will perform salvage work for SDSTA in accordance with the following:

- A. Dispose as salvage 18 mineral-oil transformers and switches with detectable PCB's (2 ppm) up to less than 450 ppm PCB.
- B. Dispose of two PCB capacitors.
- C. A hazardous waste manifest will be used for disposal material. This form will provide certification to the customer at each step of the disposal procedure.
- D. The contractor will drain mineral oil from the mineral oil transformers and switches before transport. The capacitors are sealed.
- E. Drained mineral oil transformers and switches will be transported and salvaged. The salvage process will consist of removing the core and coil assembly and all other components from the transformer tank. Then the tank and all other non-porous components are flushed with PCB-free petroleum solvent while the core and coil assembly and remaining components are burned to reclaim the metals. All flush fluids will be disposed of at an EPA approved PCB disposal facility. SURF will be provided by the contractor a "cradle-to-grave" tracking that includes an individual transformer record for each transformer and switch. These records show final disposal of the tank flush, component flush, bushings, and ash for each transformer. Records will also show final disposal of the bulk drain fluid.
- F. The Contractor's shipping documents will be used for the shipment of the drained transformers and switches from the Sanford Lab to Contractor's selected site. A

PCB manifest will be used for shipment of bulk drain fluid from Sanford Lab to Contractor's selected site. Also, a PCB manifest will be used for the shipment of the flush fluids from the contractor's site to the EPA-approved PCB disposal facility.

- G. The Contractor will take title and responsibility for PCB's received from the customer. Disposal certificates will be provided to verify complete salvage of each transformer and switch as well as disposal of the bulk drain oil, salvage flush fluids, non-recyclable components, and ash. Tracking forms will be provided for each transformer.
- H. The capacitors will be incinerated at an EPA approved disposal facility. The Contractor will transport and take title and responsibility for PCB's received from the customer. After disposal, certificates of disposal will be sent to the customer.
- I. A certificate of insurance will be required before work begins.
- J. The charges will be based upon the weights of the drained transformers and switches and the drain gallons. See Attachment 1 for electrical equipment description and pricing request.

#### **Submission Requirements:**

Submit an electronic copy (pdf format) of the quote to [mbaumann@sanfordlab.org](mailto:mbaumann@sanfordlab.org) by 2:00 P.M. MT **March 31, 2021.**

The quote period may be extended at the discretion of SDSTA based on the quantity and/or complexity of questions. Any notices of extension of time to respond will be distributed to all prospective proposers by SDSTA.

All communications regarding this procurement between RFQ release and contract award shall be directed by email to [mbaumann@sanfordlab.org](mailto:mbaumann@sanfordlab.org). Communications with other SDSTA staff regarding this procurement in advance of the contract award are not allowed.

Please address the following: