

University of Missouri Bid Event: Addendum 1

Event ID: UOFMO- #21088

Event Dated: February 22, 2021

Event Name: LOW-LEVEL RADIOACTIVE WASTE ACQUISITION AND DISPOSAL SERVICE

The questions listed below were received from the bidding community. The corresponding answers were provided by the requesting department. The specifications listed in the table below are modified as follow and except as set forth herein, otherwise remain unchanged and in full force and effect:

Addendum 1, dated February 26, 2021

The RFP deadline has been extended to March 11, 2020 at 2:00 p.m. CT. This extension is being granted so bidders have an opportunity to review the information in this addendum and provide a response.	
QUESTION	ANSWER
Does UM utilize Type A drums, when necessary for DOT, since UM packages the waste?	Yes, we use Type A waste drums
Can UM provide the type of container for each waste stream to include type and size? For example, Compacted DAW in 55-gallon metal drums or Scintillation Vial with Contents Intact in 55-gallon poly drums.	Inside 55 gallon drums we can have; compacted DAW, solidified liquid waste, no compactable DAW, resin, and sharps. Other packages are 30 gallon drums and B-25 boxes.
Does DAW consist of incinerable items and metal items? Are the two separated into different containers to allow for incineration vs compaction or are they mixed together?	We separate metals into non compactable barrels.
Provide additional details on reactor resins waste stream. Are there any liquids in this waste stream?	No liquids in the resin, it is dried before shipment preparation. Other information is that barrels are heavy (300-500 pounds) and they are highly radioactive (400-500 mRem/hr).
Are all waste streams solids with no free liquids, unless the word "liquid" is present in the description?	Yes, all the waste we send out is solidified.
For all liquids, provide a chemical name and percent for each liquid constituent in each waste stream.	For mixed/chemical waste we use EH&S so we have no liquid waste chemicals to deal with.

What is the average contact dose rate per waste stream?	Average on everything besides resin and 30 gallon drums is 1-10mR/hr. Resin averages 400mR/hr, and 30 gallon drum averages 200mR/hr.
What is an average or range of weight per container for each waste stream?	50 gallon DAW average 150 lbs, resin 400 lbs, 30 gallon 350 lbs, B25 1500 lbs.
Describe how each waste stream is packaged. For example, animal/biological wastes are double bagged with combustible absorbent and are frozen and placed in fiber or poly drums; OR sharps are in sharps containers then packaged into poly drums, etc.	All barrels have a plastic liner, sharps are inside of an approved container
Are animals and biological wastes non-infectious or rendered non-infectious prior to shipment?	Yes
For scintillation vials, are the vials glass, plastic, or both? What are the scintillation fluids used?	Both plastic and glass but primarily plastic. We currently use EcoSafe biodegradable counting cocktail for our LSC machine.
For solidified non-hazardous liquid wastes, what is the solidification media?	Super Absorbent Polymer (Sodium Polyacrylate Crosslinked)
Questions are due on March 1st and the bid is due on March 8th. How quickly will answers be returned so that they can be considered before the due date? [Page 1]	The answers are being provided now. However, the bid deadline has been extended to March 11, 2021 at 2:00 p.m.
The bid must cover all affiliates of UM, including MU Health Care. Are all of these in the Columbia area? If not, provide a list of specific names and locations as there is an effect on transportation. [Page 5, #35]	This bid is for all locations within the University of Missouri System. The campuses are in Columbia, Kansas City, Rolla and St. Louis.
Conflict in bid specifications: Page 8 indicates a five-year period to include the initial term and three additional one-year periods which is four years. Page 6 states an award for one (1) year with the option to renew for four (4) one-year periods. It is understood that the information provided on Page 6 overrules Page 8.	We apologize for the confusion in the bid language. The term will be the one stated on Page 6 - The contract period shall be from date of award for one (1) year with the option to renew for four (4) one-year periods.

<p>Conflict in bid specifications: Page 8 indicates a price increase proposal may be submitted not to exceed 3% of each individual waste stream price while Page 6 states each bidder is required to state their maximum percent increase for items awarded for successive annual renewal periods. Does this mean that 3% is the maximum acceptable, but bidders may indicate a potentially higher percentage for consideration?</p>	<p>No, the University will not accept any price increases over 3% during the annual contract period unless there is a letter providing an explanation for the increase. This letter must be provided 45 days before the annual contract period begins.</p>
<p>The bid states the Vendor must serve as the primary contractor. Could you define primary contractor activities for this statement in terms of on-site services (preparing containers for shipment, loading, surveying, completion of shipping papers), transportation, treatment, and disposal? [Page 9, #4]</p>	<p>The Columbia campus prepares the waste into containers and then those are placed onto the dock. The contractor will pick up the containers and take care of all the state and federal paperwork that is required for hauling.</p>
<p>Conflict in bid specifications: Page 9, #6 states Vendor must be licensed and permitted to transport, store, process, and/or dispose of materials. Page 9, #8 allows for the Vendor to utilize treatment facilities that are not owned by the Vendor. It is understood that #8 is paramount.</p>	<p>I would think that this is fine. I don't really care who treats the waste as long as the vendor takes possession at our doc because then it is on their license and not ours from that point. However, we would want records that whatever is done with our waste is done by a properly licensed facility.</p>
<p>The bid states that similar pricing shall be extended to sister campuses. It is understood that similar means comparable, but not the same. Transportation may differ based on the location of the sister campuses and differences in waste streams. [Page 9, #11]</p>	<p>The University of Missouri tries to create contracts where all campus locations have access to it. In some cases, it doesn't necessarily work out that way. We can discuss pricing on a campus by campus basis should the need arise.</p>

<p>For the approximately 10 Curies and 1000 cubic feet per year, could you indicate how many shipments, number and size of containers, and activity per shipment on average? Alternatively could a sample shipping document or inventory be provided that shows this information? [Page 10, #4]</p>	<p>We ship about 7 shipments per year of our standard shipments, 25-30 of 55 gallon drums and 1-2 B25s. Activity per shipment varies depending on processes here at MURR so that is a difficult target.</p>
<p>The bid states Vendor will act as shipper. Define shipper. Shipper is defined by the NRC as "the licensed entity (i.e., the waste generator, waste collector, or waste processor) who offers low-level radioactive waste for transportation..." Does UM's name go in Section 5 of the NRC Form 540 and does UM sign the DOT certification in Section 10 of the 540? [Page 10, #7]</p>	<p>NO UM does not go in section 5 of the form. It is our expectation that the vendor transfers the material to their license at the dock and they are the shipper on the manifest.</p>
<p>The bid states the Vendor shall take possession of the waste at the University's loading dock and license transfer will be done via an NRC-approved method. Provide specifics on this statement, since the first possession would be as a carrier for which a general license is sufficient per regulation. [Page 11, #12]</p>	<p>See my answer to the previous question. We are not looking for a contracted shipper we are looking for someone to take possession of the material and ship it under their own license.</p>

University of Missouri Strategic Sourcing Specialist

Wade A. Jadwin