



OREGON STATE UNIVERSITY REQUEST FOR QUOTE (RFQ)

ISSUE DATE:	6-10-2013
RFQ DUE DATE:	6-14-2013 @1:00 PM
DELIVER TO:	REQUESTED BY / RETURN QUOTE TO:
DEPARTMENT:	Facilities Services, EH&S
NAME:	Mark Lessel
ADDRESS:	
E-MAIL:	Mark.lessel@oregonstate.edu
CITY, STATE ZIP:	Corvallis OR
TELEPHONE:	541-737-3667
REQUIRED DELIVERY DATE:	
FAX:	541-737-2170

Disposal of Radioactive Waste as per attached Spring 2013 Schedule. **Waste must be picked up prior to June 28th, 2013.** Quotes must return the attached pricing sheet with cost and Processing Facility information for each Category. OSU reserves the right to split the purchase among qualified vendors.

Applicable Residual Waste must be returned to US Ecology in Richland WA.

To be considered a Responsive Quote the following must be submitted with quote:

1. A disposal plan for each type of waste, including treatment facility and site of final disposal.
2. Confirmation of appropriate certifications and licenses to transport and/or process material legally.
3. Confirmation that Certificates of Burial/Destruction will be able to be received within 1 year of waste shipment.
4. Contact information of Broker who will be transporting must be specified in quote (see below)
5. Pricing Sheet.

OSU Radiation Safety personnel must review and approve treatment disposal plans.

Broker must prepare all paperwork, profiles, manifests, land disposal restrictions, container labels, etc.

Contact Information for Broker who will be used for transportation of waste:

Name: _____

Address: _____

Phone: _____

Fax: _____

Contact Person E-Mail _____

Vendor Name: _____

Signature: _____



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Delivery is f.o.b. destination, prepaid and allowed. Shipping, freight and handling must be included in quoted prices. Additional costs for such are disallowed.		TOTAL	
DELIVERY TIME AFTER RECEIPT OF ORDER:		PRICES VALID THROUGH:	
SPECIAL INSTRUCTIONS:	VENDOR INFORMATION:		
1. Unless otherwise specified, all items quoted are to be new, unused and not remanufactured in any way. 2. Brand names are for the purpose of describing and establishing the characteristics desired and are not intended to limit or restrict competition. Quoters may submit quotes for substantially equivalent products unless the RFQ provides that a specific brand is necessary because of compatibility requirements, etc. All such brand substitutions shall be subject to approval by OSU. 3. Quoters must clearly identify all products quoted. Brand name and model or number must be shown. 4. Only documents issued as addenda by OSU serve to change the RFQ in any way. 5. OSU reserves the right to make the award by item, partial or whole lots, groups of items or entire quote, whichever is in the best interest of OSU. 6. OSU may reject any Quote not in compliance with the RFQ, attachments, and addenda, or if it is in the best interest of OSU.	COMPANY:		
	ADDRESS:		
	CITY, STATE, ZIP:		
	CONTACT NAME:		
	E-MAIL:		
	TELEPHONE:		
	FAX:		
	VENDOR SIGNATURE:		
<i>By signature below the undersigned certifies that they are authorized to act on behalf of the quoter and will comply with all aspects of the quote herein.</i>			
SIGNATURE:			
NAME/TITLE:			

This procurement is subject to the indicated Oregon State University Standard Terms and Conditions for: Goods Services Purchase Order Construction Software. The indicated terms and conditions may be viewed at <http://pacs.oregonstate.edu/terms-and-conditions>

Oregon State University
Radioactive Waste Shipment - Spring 2013
Request for Quotation (RFQ)

Item	Cost	Container #	Waste Category	Description	Preferred Treatment Pathway	Processing Facility
1		LD13-01	Long Dry Solid	55 gal drum of DAW	Thermal	
2		LD13-02	Long Dry Solid	55 gal drum of DAW - 55/85 gallon overpack - 55 gal drum warped and lid won't fit properly. Contains small sealed sources.	Supercompaction	
3		LD13-03	Long Dry Solid	55 gal drum of DAW	Thermal	
4		LD13-04	Long Dry Solid	55 gal drum of DAW	Thermal	
5		SD13-05	Short Lived Solid	55 gal drum of Shortlived DAW	Decay-In Storage	
6		SV13-06	Liquid Scintillation Vials	55 gal drum of biodegradable liquid scintillation vials - Category 1	Thermal	
7		LD13-07	Long Dry Solid	55 gal drum of DAW	Thermal	
8		LD13-08	Long Dry Solid	55 gal drum of DAW	Thermal	
9		LD13-09	Long Dry Solid	55 gal drum of DAW	Thermal	
10		LD13-10	Long Dry Solid	55 gal drum of DAW	Thermal	
11		SV13-11	Liquid Scintillation Vials	55 gal drum of biodegradable liquid scintillation vials - Category 1	Thermal	
12		RES13-12	Dewatered Resin	30 gal drum of dewatered resin	Thermal	
13		RES13-13	Dewatered Resin	30 gal drum of dewatered resin	Thermal	

OSU Radioactive Waste Inventory for Shipment

Container	Cont. Desc.	Waste Type	Container Weight (lbs)	Container Volume (ft3)	Survey Background mR/hr	Survey Surface mR/hr	Comments
<u>LD13-01</u>	55 Gallon Drum	Long Dry/Solid	274	7.5 FT3	.12	1.1	COntains check sources, LSC BBs, and a contaminated power supply
							Disposal Amount Activity as of 05/24/2013
						
							Total Am-241 Activity: 0.07718 0.07697 mCi
						
							Total C-14 Activity: 0.02010 0.02010 mCi
						
							Total Cd-109 Activity: 0.00014 0.00009 mCi
						
							Total Co-60 Activity: 0.00037 0.00033 mCi
						
							Total Cs-137 Activity: 0.06016 0.05834 mCi
						
							Total H-3 Activity: 0.01010 0.00959 mCi
						
							Total Mn-54 Activity: 0.00002 0.00001 mCi
						
							Total Na-22 Activity: 0.00002 0.00002 mCi
						
							Total Ra-226 Activity: 0.00180 0.00180 mCi
						
							Total U-238 Activity: 0.00010 0.00010 mCi
						
							Total Container Activity: 0.16999 0.16735 mCi
<u>LD13-02</u>	85 Gallon Drum	Long Dry/Solid	193	7.5 FT3	.12	.5	Punctured 55 gal drum in an 85 gallon overpack drum
							Disposal Amount Activity as of 05/24/2013
						
							Total Cs-134 Activity: 0.00028 0.00021 mCi
						
							Total Container Activity 0.00028 0.00021 mCi

Container	Cont. Desc.	Waste Type	Container Weight (lbs)	Container Volume (ft3)	Survey Background mR/hr	Survey Surface mR/hr	Comments
<u>LD13-03</u>	55 Gallon Drum	Long Dry/Solid	194	7.5 FT3	.12	1.2	Contains 2 CF of soil
							Disposal Amount Activity as of 05/24/2013
							Total Am-241 Activity: 0.00270 0.00270 mCi
							Total As-74 Activity: 0.00037 0.00000 mCi
							Total Co-58 Activity: 0.00066 0.00003 mCi
							Total Co-60 Activity: 0.00040 0.00036 mCi
							Total Cr-51 Activity: 0.00025 0.00000 mCi
							Total Cs-134 Activity: 0.00178 0.00133 mCi
							Total Eu-152 Activity: 0.00002 0.00002 mCi
							Total Eu-154 Activity: 0.00010 0.00009 mCi
							Total Hf-181 Activity: 0.00073 0.00000 mCi
							Total Mn-54 Activity: 0.00189 0.00093 mCi
							Total Pa-233 Activity: 0.00072 0.00000 mCi
							Total Sb-124 Activity: 0.00007 0.00000 mCi
							Total Sc-46 Activity: 0.00013 0.00001 mCi
							Total Se-75 Activity: 0.00010 0.00002 mCi
							Total Th-232 Activity: 0.00010 0.00010 mCi
							Total U-238 Activity: 0.00010 0.00010 mCi
							Total Zn-65 Activity: 0.00094 0.00038 mCi
							Total Container Activity 0.01108 0.00607 mCi
<u>LD13-04</u>	55 Gallon Drum	Long Dry/Solid	176	7.5 FT3	.12	.2	
							Disposal Amount Activity as of 05/24/2013
							Total C-14 Activity: 0.11280 0.11279 mCi
							Total H-3 Activity: 0.15096 0.14282 mCi
							Total Container Activity 0.26376 0.25540 mCi

Container	Cont. Desc.	Waste Type	Container Weight (lbs)	Container Volume (ft3)	Survey Background mR/hr	Survey Surface mR/hr	Comments
<u>LD13-07</u>	55 Gallon Drum	Long Dry/Solid	172	7.5 FT3	0	0.2	
							Disposal Amount Activity as of 05/24/2013
							Total C-14 Activity: 0.24858 0.24858 mCi
							Total Co-60 Activity: 0.00040 0.00039 mCi
							Total H-3 Activity: 1.99110 1.96121 mCi
							Total S-35 Activity: 1.00000 0.87395 mCi
							Total Se-75 Activity: 0.00005 0.00004 mCi
							Total Sr-90 Activity: 0.00010 0.00010 mCi
							Total U-238 Activity: 0.00010 0.00010 mCi
							Total Container Activity. 3.24033 3.08436 mCi
<u>LD13-08</u>	55 Gallon Drum	Long Dry/Solid	138	12.5 FT3	0	1.3	
							Disposal Amount Activity as of 05/24/2013
							Total Ag-110m Activity: 0.00002 0.00002 mCi
							Total Am-241 Activity: 0.00460 0.00460 mCi
							Total Am-243 Activity: 0.00460 0.00460 mCi
							Total Cf-252 Activity: 0.00010 0.00009 mCi
							Total Co-58 Activity: 0.00064 0.00028 mCi
							Total Co-60 Activity: 0.00756 0.00721 mCi
							Total Cr-51 Activity: 0.00154 0.00003 mCi
							Total Cs-134 Activity: 0.04125 0.03561 mCi
							Total Cs-137 Activity: 0.00012 0.00012 mCi
							Total Eu-152 Activity: 0.00030 0.00030 mCi
							Total Na-22 Activity: 0.00305 0.00271 mCi
							Total Np-237 Activity: 0.00010 0.00010 mCi
							Total Pu-239 Activity: 0.00110 0.00110 mCi
							Total Sb-124 Activity: 0.00031 0.00008 mCi
							Total Sb-125 Activity: 0.00074 0.00066 mCi
							Total Sc-46 Activity: 0.00045 0.00015 mCi
							Total Se-75 Activity: 0.00097 0.00043 mCi
							Total Sr-85 Activity: 0.00010 0.00005 mCi
							Total Tc-99 Activity: 0.00010 0.00010 mCi
							Total Th-232 Activity: 0.00010 0.00010 mCi
							Total U-235 Activity: 0.00002 0.00002 mCi
							Total U-238 Activity: 0.00012 0.00012 mCi
							Total Container Activity 0.06789 0.05846 mCi

Container	Cont. Desc.	Waste Type	Container Weight (lbs)	Container Volume (ft3)	Survey Background mR/hr	Survey Surface mR/hr	Comments
<u>LD13-09</u>	55 Gallon Drum	Long Dry/Solid	115	7.5 FT3	0.0	10	
							Disposal Amount Activity as of 05/24/2013
							Total Co-58 Activity: 0.00038 0.00035 mCi
							Total Co-60 Activity: 0.00578 0.00576 mCi
							Total Cr-51 Activity: 0.00250 0.00200 mCi
							Total Cs-134 Activity: 0.13610 0.12480 mCi
							Total Eu-152 Activity: 0.00005 0.00005 mCi
							Total Mn-54 Activity: 0.00036 0.00035 mCi
							Total Na-24 Activity: 0.00033 0.00000 mCi
							Total Sb-124 Activity: 0.00690 0.00667 mCi
							Total Sc-46 Activity: 0.00037 0.00034 mCi
							Total Se-75 Activity: 0.00124 0.00121 mCi
							Total Zn-65 Activity: 0.00000 0.00000 mCi
							Total Container Activity 0.15401 0.14152 mCi
<u>LD13-10</u>	55 Gallon Drum	Long Dry/Solid	122	12.5 FT3			Al pipe only
							Disposal Amount Activity as of 05/24/2013
							Total Co-60 Activity: 0.00004 0.00004 mCi
							Total Cs-134 Activity: 0.00050 0.00050 mCi
							Total Sc-46 Activity: 0.00000 0.00000 mCi
							Total Zn-65 Activity: 0.00003 0.00003 mCi
							Total Container Activity 0.00057 0.00057 mCi
<u>RES1312</u>	30 GALLON DRUM	RESIN	80	4 FT3	0.0	20	
							Disposal Amount Activity as of 05/24/2013
							Total Co-58 Activity: 0.14500 0.08139 mCi
							Total Co-60 Activity: 2.65900 2.60308 mCi
							Total Container Activity 2.80400 2.68447 mCi

Container	Cont. Desc.	Waste Type	Container Weight (lbs)	Container Volume (ft3)	Survey Background mR/hr	Survey Surface mR/hr	Comments
<u>RES1313</u>	30 GALLON DRUM	RESIN	112	4 FT3	0.0	31	
							Disposal Amount Activity as of 05/24/2013
							Total Ag-110m Activity: 0.00320 0.00204 mCi
							Total As-74 Activity: 0.01620 0.00003 mCi
							Total Co-58 Activity: 0.07920 0.01606 mCi
							Total Co-60 Activity: 1.42700 1.34561 mCi
							Total Cr-51 Activity: 0.01250 0.00021 mCi
							Total Eu-152 Activity: 0.00430 0.00420 mCi
							Total Eu-154 Activity: 0.00290 0.00280 mCi
							Total Mn-54 Activity: 0.21300 0.14842 mCi
							Total Sb-124 Activity: 0.00190 0.00029 mCi
							Total Sc-46 Activity: 0.00277 0.00072 mCi
							Total Sr-85 Activity: 0.00220 0.00039 mCi
							Total Zn-65 Activity: 0.01870 0.01178 mCi
							Total Container Activity 1.78287 1.53255 mCi
<u>SD13-05</u>	55 Gallon Drum	Long Dry/Solid	134	7.5 FT3	.12	.2	
							Disposal Amount Activity as of 05/24/2013
							Total I-125 Activity: 0.02000 0.00003 mCi
							Total P-32 Activity: 3.54400 0.00000 mCi
							Total P-33 Activity: 0.24600 0.00000 mCi
							Total S-35 Activity: 4.31400 0.29380 mCi
							Total Container Activity 8.12400 0.29383 mCi
<u>SV13-06</u>	55 Gallon Drum	LSC Vials	267	7.5 FT3	.12	.12	BD Cat 1 cocktail
							Disposal Amount Activity as of 05/24/2013
							Total C-14 Activity: 0.02310 0.02310 mCi
							Total H-3 Activity: 0.01050 0.00997 mCi
							Total Container Activity 0.03360 0.03307 mCi
<u>SV13-11</u>	55 Gallon Drum	LSC Vials	208	12.5 FT3	0.2	0.2	
							Disposal Amount Activity as of 05/24/2013
							Total C-14 Activity: 0.00202 0.00202 mCi
							Total H-3 Activity: 0.10200 0.10186 mCi
							Total Container Activity 0.10402 0.10388 mCi