



# OREGON STATE UNIVERSITY REQUEST FOR QUOTE (RFQ)

		<b>ISSUE DATE:</b>	9/9/16		
<b>RFQ #</b>	<b>MA184367Q</b>	<b>RFQ DUE DATE:</b>	<b>9/15/16 @ 11:00 AM</b>		
<b>DELIVER TO:</b>		<b>REQUESTED BY / RETURN QUOTE TO:</b>			
<b>DEPARTMENT:</b>	Procurement Contracts and Materials Management	<b>NAME:</b>	Michele Andersen		
<b>ADDRESS:</b>	644 SW 13 <sup>th</sup> Street	<b>E-MAIL:</b>	<a href="mailto:michele.andersen@oregonstate.edu">michele.andersen@oregonstate.edu</a>		
<b>CITY, STATE ZIP:</b>	Corvallis Oregon 97333	<b>TELEPHONE:</b>	541-737-3667		
<b>REQUIRED DELIVERY DATE:</b>	ASAP	<b>FAX:</b>	541-737-2170		
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
1	<p>Liquid Extraction Unit</p> <p>Requirements:</p> <ul style="list-style-type: none"> <li>• A laboratory liquid / liquid extraction column designed for use with water, odorless kerosene and acetic acid</li> <li>• Total system weight between 200 lb. and not to exceed 500 lb.</li> <li>• Electric requirements are 120V 1-phase 60 Hz</li> <li>• Column length minimum 1.6m (minimum 1.2m working length), approximate 50mm diameter, made from glass</li> <li>• Column packed with 15mm glass Raschig rings or similar</li> <li>• Uses pneumatic (air-driven) pumping to mitigate fire hazard due to proximity of flammable fluids</li> <li>• Aqueous phase circulation system with a 20-liter to 30-liter feed tank, 20-liter to 30-liter return tank and variable speed pneumatic pump. Pump is calibrated and gives flows of 50 mL/min to 250 mL/min</li> <li>• Organic phase circulation system with a 15-liter to 20-liter feed tank, 15-liter to 20-liter return tank and variable speed pneumatic pump. Pump is calibrated and gives flows of 50 mL/min to 250 mL/min</li> <li>• Includes valves for taking samples of <u>both</u> phases for analysis</li> <li>• Touch panel for control / calibration of pumps and display of measurements</li> <li>• A single valve sets either the organic phase or the aqueous phase as the continuous phase</li> <li>• Fine adjustment of the lower phase interface to compensate for variation in specific gravity of the odorless kerosene</li> <li>• Instrumentation continuously measures inlet and outlet concentrations in the aqueous phase when using the recommended acid, preferably using conductivity</li> <li>• Data logging as standard and provided software shall calculate acid concentration in the aqueous phase from which extraction efficiency can be determined (PC is not supplied)</li> </ul>	1	EA		



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<b>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.</b>						<b>TOTAL</b>	
<b>DELIVERY TIME AFTER RECEIPT OF ORDER:</b>				<b>PRICES VALID THROUGH:</b>			
<b>SPECIAL INSTRUCTIONS:</b>				<b>VENDOR INFORMATION:</b>			
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. 7. This RFQ form must be completed, signed and returned with all required documents.				<b>COMPANY:</b>			
				<b>ADDRESS:</b>			
				<b>CITY, STATE, ZIP:</b>			
				<b>CONTACT NAME:</b>			
				<b>E-MAIL:</b>			
				<b>TELEPHONE:</b>			
				<b>FAX:</b>			
				<b>VENDOR SIGNATURE:</b>			
				<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>			
				<b>SIGNATURE:</b>			
				<b>NAME/TITLE:</b>			

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>