



**OREGON STATE UNIVERSITY
REQUEST FOR QUOTE (RFQ)**

		ISSUE DATE:	04/04/16		
RFQ #	MA181853Q	RFQ DUE DATE:	04/08/16 @ 3:00pm		
DELIVER TO:		REQUESTED BY / RETURN QUOTE TO:			
DEPARTMENT:	Chemical, Biological, and Environmental Engineering	NAME:	Michele Andersen		
ADDRESS:	Campus Freight 100 Cascade Hall 601 SW 17th St	E-MAIL:	michele.andersen@oregonstate.edu		
CITY, STATE ZIP:	Corvallis, OR 97331	TELEPHONE:	541-737-3667		
REQUIRED DELIVERY DATE:	ASAP	FAX:	541-737-2170		
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
1	<p>Thermogravimetric Analyzer Requirements:</p> <ul style="list-style-type: none"> • Simultaneous Thermal Analysis: (Differential Scanning Calorimeter(DSC)/Thermogravimetric Analyzer (TGA)) • Ability to cycle repeatedly at temperatures up to 1600C. • Duration of duty up to 1-2 weeks at a time. Ability to program up to 256 segments in the Temperature program. For each segment, the data sampling rate can be selected. • A furnace replacement cost less than \$5000 excluding labor. • Capable of controlling flow of 2 more gases simultaneously using mass flow controllers Integrated into the device software. Gas flow rates are recorded and may be displayed in Data acquisition and data analysis software. • Cooling system and vacuum pump included in cost if required. Evacuation and backfill steps can be programmed. • TGA signal resolution of 0.1 micrograms or better over entire measuring range. Measuring range of 20g. • User exchangeable TG-DSC sample carriers available with higher sensitivity thermocouples for higher sensitivity DSC measurements in lower temperature ranges. • TGA only sample holder available for TGA measurements on large samples (at least 1ml in volume) • Capable of controlling 3 or more gases simultaneously • Ability for field replaceable furnace heating element 	1	EA		
2	Onsite training	1	EA		
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	



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DELIVERY TIME AFTER RECEIPT OF ORDER:		PRICES VALID THROUGH:	
SPECIAL INSTRUCTIONS:	VENDOR INFORMATION:		
<p>1. Unless otherwise specified, all items quoted are to be new, unused and not remanufactured in any way.</p> <p>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.</p> <p>3. Quoters must clearly identify all products quoted. Brand name and model or number must be shown.</p> <p>4. Only documents issued as addenda by OSU serve to change the RFQ in any way.</p> <p>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.</p> <p>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.</p> <p>7. This RFQ form must be completed, signed and returned with all required documents.</p>	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>