



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

RFQ #		MA180921Q		ISSUE DATE:	02/25/2016
DELIVER TO:		REQUESTED BY / RETURN QUOTE TO:			
DEPARTMENT:	Civil & Construction Engineering	NAME:	Michele Andersen		
ADDRESS:	111F Kearney Hall	E-MAIL:	Michele.andersen@oregonstate.edu		
CITY, STATE ZIP:	Corvallis, Oregon 97331	TELEPHONE:	541-737-3667		
REQUIRED DELIVERY DATE:	3/27/2016	FAX:	541-737-2170		

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
1	<p>X-Ray Florescence Spectrometer</p> <p>Oregon state is looking for the purchase of an x-ray florescence spectrometer with glass bead fusion sample preparation technology that is capable of manufacturing specimens for use in testing as consolidated powder, fluid, or glass beads. The device will be expected to be compliant with ASTM C 114-13 for quantitative elemental composition including sodium as well as being able to be used for research level analysis. More specific features of the device include:</p> <ul style="list-style-type: none"> • X-ray florescence spectrometer for elemental analysis over a wide range of concentrations • Benchtop unit • Able to work for powders, fluids or fused beads • Ppm resolution from Na and higher • 10 position tray • Tube of energy up to 3 mAmp • Small operational footprint ~ 1 meter by 1 meter • Qualitative and quantitative analysis of elements • max. voltage 50 kV, max. 3 mA, max. tube power 15 W • capable of powder and liquid measure • max sample weight 200g • Automated Glass fused Bead sample manufacturing • Demonstrated compliance with ASTM C114-13 and ISO 29851-2 using fused beads • Drift detector • Movable Sample holder • Elemental analysis of raw materials, alternative fuels, finished products and pore solutions • Preference is fused beads and tube and equipment made by same manufacturer • Quantitative determination of elements from Na and above with fast automated software • Automated fusion glass bead sample manufacture • Safety interlocks and safe operation • Automated multi-channel analyzer • Helium purge option • 2 year warranty 	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	
DELIVERY TIME AFTER RECEIPT OF ORDER:		PRICES VALID THROUGH:			



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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. 7. This RFQ form must be completed, signed and returned with all required documents.	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>