

OREGON STATE UNIVERSITY REQUEST FOR QUOTE (RFQ)

			ISSUE DATE:	February 19, 2014			
RFQ #	JF168915Q			February 26, 2014 3:00 PM PT			
		DELIVER TO:	REQUESTED BY / RETURN QUOTE TO:				
DEPARTMENT:	OSU Crop & Science		NAME:	James Figgins			
ADDRESS:	3051 ALS Building		E-MAIL:	James.figgins@oregonstate.edu			
CITY, STATE ZIP:	Corvallis, Oregon 97331		TELEPHONE:	541-737-6995			
REQUESTED DELIVERY DATE:		BEST CASE	FAX:	541-737-2170			

Oregon State University (OSU) is seeking quotes for one (1) Elemental Analyzer with the following options: Sulfur Add-On Module, Micro Oxygen Module, Combustion Controller for Solids, Inert Gas Regulator Kit – 2 Stage, Provide Internet Set-up, and Electronic Balance and Interface Kit.

This instrument will be housed in the Department of Crop and Soil Science, Central Analytical Laboratory. It needs to be capable of high throughput and to process large sample volumes economically. Detailed specifications needed are as follows:

CHN

- A macro Combustion Analyzer for CHN that can run a 250 mg sample in 4.5 minutes. The lab sample volume needs the ability to run 14 samples an hour.
- The ability to run larger samples if Carbon or Hydrogen is not needed (up to 750mg), with no degradation in sample throughput.
- A pure oxygen combustion furnace to ensure complete combustion and recovery of elements in the samples.
- A ballast and aliquot system to eliminate the need to treat the complete combustion gas stream to significantly reduce potentially hazardous waste stream from the lab.

Sulfur

- A separate pure oxygen furnace and detector for complete combustion and the ability to quickly remove moisture allowing better recovery of sulfur.
- Furnace with the ability to reach a temperature of 1450[°] C for the most difficult samples.
- The ability to run up to a 350 mg sample in 60 to 120 seconds.
- A 50 position autoloader for safe unattended analysis. This will eliminate the need of the operator to handle crucibles when hot.

Oxygen

- A separate oxygen furnace with no requirements to replumb or convert the furnace hardware in the CHNS System. This will allow for a quick switch between sample types.
- A 1300 ^oC Furnace to ensure complete recovery of oxygen from the sample.
- Use of IR Detection using whole gas analysis without the need to go through a slower chromatographic column. Sample analysis needs to be completed in less than 5 minutes.
- A 30 position autoloader for safe unattended analysis.

Other Features/Requirements

- Locally based Service Engineers to help keep maintenance costs down.
- Internet based Diagnostic Service to maximize uptime and support for method development during the warranty period.
- Full manufacturer's warranty
- Set-up equipment on OSU campus and provide appropriate training. Estimated time required is one day.

* Please note: Product specifications sheets, including those of the accessories, must be included with your quote so OSU may determine if the specifications are met. Your quote may be rejected if information is not provided. Include product lead-time in the appropriate box.



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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 re not intended to limit or restric 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 ubstitutions shall be subject to approval by OSU. COMPANY: 3. Outoers must clearly identify all products unless othorw. CONTACT NAME: E-MAIL: E-MAIL: EMAIL: SUPCOR SigNATURE: 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. SIGNATURE: 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. SIGNATURE: By signature below the undersigned certifies that they are authorized to act on behalf of the guoter and will comply with all aspects of the quote herein. SIGNATURE: By signature below the undersigned certifies	Pricing: One (1) Elemental Analyzer with all access Pricing must reflect all features and require Educational Discount (if offered): Final Price:	\$ \$ \$	\$									
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This procurement is subject to the indicated Oregon State University Standard Terms and Conditions for, TXL Goods				roity Otomologial Tarress		tor N						
Services Purchase Order Construction Software. The indicated terms and conditions may be viewed at												

http://pacs.oregonstate.edu/terms-and-conditions