



OREGON STATE UNIVERSITY REQUEST FOR QUOTE (RFQ)

		ISSUE DATE:	February 19, 2014
RFQ #	JF168915Q	RFQ DUE DATE:	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 1450⁰ 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 ⁰C 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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Pricing:

One (1) Elemental Analyzer with all accessories listed: \$ _____
Pricing must reflect all features and requirements.

Educational Discount (if offered): \$ _____

Final Price: \$ _____

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:	
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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. Quotes received after the stated "RFQ Due Date" above will be rejected.	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>