



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

		ISSUE DATE:	October 27, 2017
RFQ #	SF191727Q	RFQ DUE DATE:	November 1, 2017, 10:00 AM PT
DELIVER TO:		REQUESTED BY / RETURN QUOTE TO:	
DEPARTMENT:	College of Forestry-Wood Science and Engineering	NAME:	Shannon Fanourakis
ADDRESS:	236 Richardson Hall	E-MAIL:	Shannon.Fanourakis@oregonstate.edu
CITY, STATE ZIP:	Corvallis, OR 97331	TELEPHONE:	(541) 737-6995
REQUIRED DELIVERY DATE:	November 30, 2017	FAX:	(541) 737-2170

Hygrothermal Monitoring Equipment, including the following:

1. Accelerometer Sensor with the following specifications:

- Force-balanced high-resolution accelerometer capable of minimum biaxial or triaxial measurements.
- High sensitivity 2.5 V/g or better.
- Large linear range +/-4 g.
- Self-noise <1 um/s/s.
- High dynamic range >155 dB (DC to 10 Hz).
- Sensor self-test input driven by RS-485 communications for long distance system tests.
- Must survive 1m drop onto any axis.
- Built-in surge protection.
- Must meet technical requirements of the California Strong Monitoring Instrumentation Program.

2. Digitizer with the following specifications:

- 24-Bit Output A/D Resolution.
- Wall mount design.
- IP Based Communications over Ethernet and Asynchronous Serial.
- Embedded/Removable Mass Storage.
- Remote Alerting for both Event and Alarm Triggers.
- Real-Time and On-Demand data collection.
- Interface for all command and control, data off-loading, and parameter checking.
- Noise level <40 uV P-P (<1 count of an 18 bit system) @ 200 sps.
- No Channel skew during recording – simultaneous recording.
- Trigger recording with multiple trigger ty...
- Sample Rates: 20, 40, 50, 100, 125, 200, 500 sps (User Selectable).
- Minimized temperature effects <1% of Full Scale from -20 deg. To 70 deg.C or better.
- Must meet technical requirements of the California State Monitoring Instrumentation Program.

3. All Sensor Software System with the following specifications:

- Support Windows operating systems in dedicated server or virtual installations.
- Provide open database architecture in industry standard formats.
- Support for real-time acceleration data display.
- Support for weather instrumentation.
- Support for webcam.
- Web interface including system status report and data visualization pages.
- System maps using free online map solution such as Google Maps, Bing, or other.



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- Support sensor alarms including:
 - Breach of threshold
 - No data
 - Combinations of sensor readings
- Allow notification of alarms by email, SMS or other batch process command.
- Fully customizable user access rights management.

Quantity: 15 each

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. 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>