



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

		ISSUE DATE:	May 8 th , 2012
RFQ #	JF159420Q	RFQ DUE DATE:	May 23rd, 2012 3:00 PM PST
DELIVER TO:		REQUESTED BY / RETURN QUOTE TO:	
DEPARTMENT:	Biological & Ecological Engineering	NAME:	James Figgins
ADDRESS:	116 Gillmore Hall	E-MAIL:	James.figgins@oregonstate.edu
CITY, STATE ZIP:	Corvallis, Oregon 97331	TELEPHONE:	541-737-6995
REQUIRED DELIVERY DATE:		FAX:	541-737-2170

Last day for questions: May 14th, 2012. Questions may emailed or faxed. Questions shall be addressed by addendum.

Field-Based Fiber Optic Distributed Temperature Sensing System Quantity: 1 Each

Specifications:

- Spatial Resolution: 50 cm or better (based on the measurement of 80% of a step change temperature)
- Spatial Sampling: 25 cm or better
- Minimum Sampling (integration) time: 1 s or less
- Temperature Resolution at Highest Spatial Resolution as a function of Integration Time:
 1. ≤0.3 C in 1 s
 2. ≤0.05 C in 600 s
 3. ≤0.02 in 3600 s
- Repeatability: ≤0.05 C + 0.02 change in temperature of system during reading
- Range: 5 km
- Channels: 4
- Power Requirements (under continuous measurement): 40W or lower
- Environmental Requirements for Operation
 1. External temperature: -25 to +60C
 2. Humidity: 0-95%RH
- Reference Temperature Sensors: 2 sensors with accuracy of ≤0.05C and resolution of ≤0.01C
- Additional Features:
 1. Communication via GPRS or other cellular telemetry (1)
 2. Non-volatile memory for >100,000 50cm-resolution -5,000 m-extent measurements
 3. Reporting of raw stokes and anti-stokes intensities as well as calculated temperatures
 4. Compatibility with 50 micron graded index multimode fiber
- Product must run natively on 12 -24 VDC

Qty: 1 ea.

Unit 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

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 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.

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>