

## OREGON STATE UNIVERSITY REQUEST FOR QUOTE (RFQ)

				ISSUE DATE:		Dec	ember	13, 2017	
RFQ#		RFQ96805595SF		RFQ DUE DAT	E:	Dec	ember	19, 2017, 10:	00 AM PT
		DELIVER 1	ro:			RE	QUESTE	D BY / RETURI	N QUOTE TO:
DEPA	RTMENT:	Nuclear Science and	d Engineering	NAME:		Sha	innon F	anourakis	,,
ADDRESS: 3451 SW Jefferson \			Way	E-MAIL:				regonstate.edu	
CITY,	STATE ZIP:	Corvallis, OR 9733		TELEPHONE:					
REQU	IRED DELIVE	RY DATE:		FAX:	F44 707 0470				
ITEM DESCRIPTION				Q	ΤΥ	UNIT	UNIT PRICE	TOTAL PRICE	
1 Calibration of Watlow Type K Thermocou			uple	6	00	ea			
2	Cali	bration of RdF Stikor	Typle K Thermo	couple	4	<del>1</del> 5	ea		
3	Ca	alibration of Honeywe	Il Pressure Transc	lucer	,	12	ea		
4	Calibr	ation of Rosemount F	ressure Transduc	er (psig)	2	20	ea		
5	Calibra	ation of Rosemount F	Pressure Transducer (psid)		7	76	ea		
	NOTE	E: Quantities above a	are approximate fo	or order.					
	Ca	libration requirements	are on following	page.					
		estination, prepaid ar					ing	TOTAL	
DELIV	ERY TIME AF	TER RECEIPT OF ORDE	R:		PF	RICE	S VALID	THROUGH:	
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, groups of items or entire quote, whichever is in the best interest of OSU.  S. OSU may reject any Quote not in compliance with the RFQ, attachments, and addenda, or if it is in the best interest of OSU.				VEND	OR	INFC	RMATIO	N:	
			COMPANY:						
			ADDRESS:						
			CITY, STATE, ZIP:						
			CONTACT NAME:						
			E-MAIL:						
			TELEPHONE:						
			FAX:				·		
			VENDOR 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:						
			NAME/TITLE:			-			7
Inis p	rocurement is rvices 🔲 Pu	s subject to the indicate urchase Order Constru	a Oregon State Un uction	iversity Standar  . The indicate	d T ∋d	erms term	s and Co s and c	nditions for: [_ onditions may	J Goods be viewed at

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

Type of Instrument	Watlow Type K Thermocouple		
Number of Calibrations	600 (per year)		
Calibration Range	100°F, 375°F, and 650°F		
Uncertainty	±1.98°F or 0.4%, whichever is greater		
Accreditation Required	ISO/IEC 17025:2005		
Test Uncertainty Ratio	4:1 or better		
	Model Numbers		
AF-2032828	AFED0FQ360U4030	AFGD0FQ160U4030	
AFED0FQ060U4030	AFED0FQ420U4030	AFGD0FQ180U4030	
AFED0FQ080U4030	AFED0FQ520U4030	AFGD0FQ200U4030	
AFED0FQ100U4030	AFED0FQ550U4030	AFGD0FQ220U4030	
AFED0FQ120U4030	AFED0FQ600U4030	AFGD0FQ260U4030	
AFED0FQ140U4030	AFED0FQ680U4030	AFGD0FQ360U4030	
AFED0FQ180U4030	AFGD0FQ080U4030	AFGD0FQ440U4030	
AFED0FQ220U4030	AFGD0FQ100U4030	AQDD0FQ160U4030	
AFED0FQ260U4030	AFGD0FQ120U4030	AQDD0FQ180U4030	
AFED0FQ300U4030	AFGD0FQ140U4030		

Type of Instrument	RdF Stikon Type K Thermocouple		
Number of Calibrations	45 (per year)		
Calibration Range	100°F, 375°F, and 650°F		
Uncertainty	±1.98°F or 0.4%, whichever is greater		
Accreditation Required	ISO/IEC 17025:2005		
Test Uncertainty Ratio	4:1 or better		
Model Number	26723-40		

Type of Instrument	Honeywell Pressure Transducer		
Number of Calibrations	12 (per year)		
Calibration Range	0 to 650 psig		
Uncertainty	13.0 psi		
Accreditation Required	ISO/IEC 17025:2005		
Test Uncertainty Ratio	4:1 or better		
Model Number	Model Z		

Type of Instrument Rosemount Pressure Transmitter			
Number of Calibrations	96 (per year)		
Calibration Range	See Below		
Uncertainty	See Below		
Accreditation Required	ISO/IEC 17025:2005		
Test Uncertainty Ratio	4:1 or better		
Model	Calibration Range	Tolerance Limit	
3051CD2A02A1AH2	Range: -15 to 15 in H20	Uncertainty: 0.4 inH20	

Qty	Model	Calibration Range	Tolerance Limit
6	3051CD2A02A1AH2	Range: -15 to 15 inH2O	Uncertainty: 0.4 inH2O
12	3051CD2A02A1AH2	Range: -25 to 25 inH2O	Uncertainty: 0.4 inH2O
2	3051S1CD2A2F12A2A	Range: 0 to 10 inH2O	Uncertainty: 0.05 inH2O
2	3051S1CD2A2F12A2A	Range: -40 to 40 inH2O	Uncertainty: 0.4 inH2O
3	3051CD2A02A1AH2	Range: -150 to 250 inH2O	Uncertainty: 1.6 inH2O

4	3051CD2A02A1AH2	Range: -50 to 0 inH2O	Uncertainty: 0.4 inH2O
5	3051CD2A02A1AH2	Range: -150 to 0 inH2O	Uncertainty: 0.6 inH2O
4	3051CD2A02A1AH2	Range: -250 to 0 inH2O	Uncertainty: 1 inH2O
3	3051S1CD3A2F12A2A	Range: -280 to 0 inH2O	Uncertainty: 1.12 inH2O
6	3051CD3A02A1AH2	Range: -300 to 100 inH2O	Uncertainty: 1.6 inH2O
9	3051S1CD3A2F12A1AB2	Range: -100 to 1000 inH2O	Uncertainty: 4.4 psi
17	3051S1CD5A2F12A2A	Range: -20 to 1800 psid	Uncertainty: 4.55 psi
4	3051CD5A02A1AH2	Range: -14.2 to 2000 psig	Uncertainty: 5.0355 psi
6	3051CG5A02A1AH2	Range: -14.2 to 800 psig	Uncertainty: 2.28 psi
5	3051CG5A02A1AH2	Range: -14.2 to 1000 psig	Uncertainty: 2.5355 psi
3	3051CG5A02A1AH2	Range: 0 to 150 psig	Uncertainty: 2.28 psi
2	3051CA1A02A1AH2	Range: 10 to 19 psia	Uncertainty: 0.076 psi
3	3051S1CD4A2F12A1A	Range: -50 to 150 psid	Uncertainty: 2.28 psi