



OREGON STATE UNIVERSITY REQUEST FOR QUOTE (RFQ)

		ISSUE DATE:	July 1, 2016		
RFQ #	SF183552Q	RFQ DUE DATE:	July 6, 2016, 1:00 PM		
DELIVER TO:		REQUESTED BY / RETURN QUOTE TO:			
DEPARTMENT:	EECS-OSU	NAME:	Shannon Fanourakis		
ADDRESS:	3023 Kelley Engineering Center	E-MAIL:	Shannon.Fanourakis@oregonstate.edu		
CITY, STATE ZIP:	Corvallis, OR 97331-5501	TELEPHONE:	(541) 737-6995		
REQUIRED DELIVERY DATE:		FAX:	(541) 737-2170		
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
1	Opal-RT, or equal, OP5600 V2 Real-Time Digital Simulator with the following: <ul style="list-style-type: none"> Red Hat linux with optimized real-time kernel (1 ea) Red Hat linux Intel C compiler (1 ea) Analog Output Card (16 Channels, 16 bits, 1 us, +/-16V) (4 ea) Digital Input Card (32 channels, Optocoupler, 4.5V to 30V) -32 Static Input Channels (1 ea) Intel EXPI9404PTL PT Quad Port Ethernet Server Adapter 10/100/1000 Mbps PCI-Express 4 x RJ45 (for IEC 61850 and other ethernet based protocol) (1 ea) IRIG/GPS synchronization spectracom reference board, includes TSync-PCIe and Premium Breakout Cable. Excludes: this board doesn't support PTPv2 IEEE-1588 synchronization (1 ea) DB37M to 1 x IDC34F (24 wires), round shielded cable for direct connection to the control board on SEL PMU'S) (4 ea) 	1	ea		
2	RT-LAB Host/Workstation License – Professional Host multiple rate and multi processors/cores, node-locked	1	Ea		
3	RT-LAB 11 .x Real-Time Target License – Communication protocols	1	Ea		
4	eMEGAsim 11.x Real-Time Target License – F Series	1	Ea		
5	ePHASORsim – up to 1000 bus network – Real-time license – required a minimum of 1 active core of RT-LAB (type B)	1	Ea		
6	Academic Five Year Annual Maintenance and Extended Support Contract including 5 Year Unlimited Phone and Email Technical Support, All upgrades, service releases and enhancements available during 5 upcoming years	1	Ea		
7	Communication Protocols including the following: <ul style="list-style-type: none"> Driver C37.118 slave (SEND) communication – 16 PMU streams (max. 96 measurements in total) Driver C37.118 Master (RECEIVE) communication – 16 PMU streams (max. 96 measurements in total) 	1	ea		
8	5 Days Onsite Customized Training	1	Lo		
9	Shipping	1	Lo		
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:	



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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.	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>