OREGON STATE UNIVERSITY
REQUEST FOR QUOTE (RFQ)

		ISSUE DATE:	12-12-2013
RFQ #	ML167970Q	RFQ DUE DATE:	**12-18-2013 @ 2:00 PM**
DELIVER TO:		REQUESTED BY / RETURN QUOTE TO:	
DEPARTMENT:	Facilities Services-Maintenance	NAME:	Mark Lessel
ADDRESS:	560 SW 15th St.	E-MAIL:	Mark.lessel@oregonstate.edu
CITY, STATE ZIP:	Corvallis, OR, 97331	TELEPHONE:	541-737-3667
REQUIRED DELIVERY DATE:	March 28th, 2014	FAX:	541-737-2170

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
1	Powerex Oil-Less Scroll Quadplex Air Compressor	1	ea		
	Base Model Number: STQ0506HP, Horsepower (ea): 5hp (x4)				
	Performance (ea) 12.5 SCFM @ 145 PSIG Total 50 SCFM				
	Air Receiver: 240 Gallon Horizontal,				
	Electrical: 208/230/460V, 3PH, 60HZ (Specify Voltage)				
	Sound Level: 72 dBa @ 1 meter				
	Warranty:1-year on Complete Assembly, and 1-Year on Basic Compressor				
	Vibration Pads: Set of 4 Cork/Neoprene Vibration Isolation Pads (Loose)				
	See Attachment for more Air Compressor Specification				
	BRAND SPECIFIC-NO SUBSTITUTIONS. SHIPPING COST MUST BE ADDED TO ITEMS				
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:

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.

VENDOR INFORMATION:

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:	

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

AIR COMPRESSOR SYSTEM
The package shall include (4) oil-less scroll air compressor/s and associated equipment, one ASME air receiver, and one alternating control panel. The only field connections required will be system discharge, power connection at the control panel and drain, and condensate drain connection. All interconnecting piping and wiring shall be included and operationally tested prior to shipment.

OILLESS SCROLL COMPRESSOR PUMP – SLAE05EHP
Each compressor shall be belt driven oil-less rotary scroll single stage, air-cooled, oil-less construction with absolutely no oil needed for operation. The rotary design shall not require any inlet or exhaust valves and shall be rated for 100% continuous duty. Tip seals shall be of a composite PTFE material and be rated for 5,000 hours operation. Compressor bearings shall be external to the air compression chamber and shall be able to be re-greased in the field for extended life. Patented re-grease ports shall be located on the front side of the pump allowing service without removing the pump drive pulley. Bearings shall have an ABMA L10 life of no less than 33,000 hours. Compressors with bearings that are not accessible for service have a limited life span and shall not be accepted. Pump crankshaft and main bearing housing shall be constructed of heavy duty Cast Iron for maximum durability. Compressors shall have an integral radial flow fan for cooling and rated for 145 psig maximum pressure at sea level.

PUMP ISOLATION
Each compressor pump is provided with a shut-off ball valve and safety relief valve at the pump discharge to enable removing individual pumps for service. A motor disconnect is provided for each pump inside the control panel.

MOTORS
Each compressor shall be belt driven by a 5 HP, 3 phase, 60 cycle, 460 volt, 1725 RPM, ODP, motor. Each motor will mounted on adjustable motor slide bases for ease of belt tensioning and service.

AIR-COOLED AFTERCOOLER
Air-cooled aftercoolers shall be provided for each compressor and shall be sized to provide an approach temperature of 20 degrees F. Each aftercooler shall be provided with an automatic condensate drain installed at the immediate discharge of the aftercooler.

CONTROL PANEL
The controls shall be tank mounted with the compressors. A lighted on/off switch is provided along with a user friendly, touch screen, HMI type display panel. The controls will operate and continuously monitor the system and provide information and alarms to the user through the HMI display. Features include display of system pressure, pump run status, pump fault conditions (high temperature shutdown, motor overload fault), maintenance counters and warnings, system trends, and pump HOA control. System setup mode allows user to adjust system pressure setpoints, enable auto restart function, reset alarms, and reset maintenance counters. Compressor operation shall include the Powerex Variable-Pump-Drive control logic. Each compressor pump is automatically staged on or off individually based on actual system demand. Energy efficiency is maximized at all usage levels. Lead compressor status will rotate every 10 minutes to maintain equal run hours. Dry contacts are provided for remote monitoring of compressor fault conditions.

AIR RECEIVER
240 Gallon, Horizontal, 200 psig, ASME code receiver with safety valve, pressure gauge, and electric timer drain valve.

- Electric drain to be powered from main control panel.