



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

<b>RFQ #</b>		<b>JK189429Q</b>	<b>ISSUE DATE:</b>		July 27, 2017	
<b>DELIVER TO:</b>		<b>REQUESTED BY / RETURN QUOTE TO:</b>				
<b>DEPARTMENT:</b>	OSU Facilities		<b>NAME:</b>	Jennifer Koehne		
<b>ADDRESS:</b>	Oregon State University		<b>E-MAIL:</b>	Jennifer.koehne@oregonstate.edu		
<b>CITY, STATE ZIP:</b>	Corvallis OR 97331		<b>TELEPHONE:</b>	541-737-7353		
<b>REQUIRED DELIVERY DATE:</b>	August 31, 2017		<b>FAX:</b>	541-737-2170		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>	
1	Air Compressor and Dryer Assembly Unit per the attached required specifications.	1	Lot			
	Pricing to be provided as one lump sum price for all of the component pieces under the required specifications.					
	Price for desired specifications to be provided as a separate line item under Item 2 below.					
	Bidders to provide backup documentation showing manufacturer specifications for all items bid.					
2	Pricing for Desired Specifications called out on the attached specifications.	1	Lot			
3	Warranty and Service per attached specifications.	1	Lot			
<b>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.</b>				<b>TOTAL</b>		
<b>DELIVERY TIME AFTER RECEIPT OF ORDER:</b>			<b>PRICES VALID THROUGH:</b>			
<b>SPECIAL INSTRUCTIONS:</b>			<b>VENDOR INFORMATION:</b>			
<p>1. Unless otherwise specified, all items quoted are to be new, unused and not remanufactured in any way.</p> <p>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.</p> <p>3. Quoters must clearly identify all products quoted. Brand name and model or number must be shown.</p> <p>4. Only documents issued as addenda by OSU serve to change the RFQ in any way.</p> <p>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.</p> <p>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.</p> <p>7. This RFQ form must be completed, signed and returned with all required documents.</p>			<b>COMPANY:</b>			
			<b>ADDRESS:</b>			
			<b>CITY, STATE, ZIP:</b>			
			<b>CONTACT NAME:</b>			
			<b>E-MAIL:</b>			
			<b>TELEPHONE:</b>			
			<b>FAX:</b>			
<b>VENDOR SIGNATURE:</b>						
<p><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></p>						
<b>SIGNATURE:</b>						
<b>NAME/TITLE:</b>						

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 and Dryer Unit Specifications**

Rotary screw air compressor assembly- **REQUIRED SPECIFICATIONS LISTED BELOW** (Quantity 2):

- Quincy Northwest model QNW-V40 (Or similar)
- Direct drive, no high speed gearing
- 35-175 ACFM @ 100 PSIG
- 110PSIG max full load working pressure
- 100 PSIG operating pressure
- 900-3300 input RPM range
- Open frame design, no enclosures
- 3/60/460 volt
- Water cooled lubricant cooler
- Supply initial fill of lubricant and filters
- Water cooled aftercooler with moisture separator
- Air reheater assembly to reheat final discharge air (1only}
- Maximum dimensions of base skid not to exceed 85"L X 28"W X 57"H

Graphic operator access terminal- **DESIRED SPECIFICATIONS LISTED BELOW** (Quantity 2):

- Power on indicator
- Standby indicator
- Compressor load indicator
- Compressor operating indicator
- Inlet air filter indicator
- Lubricant filter service indicator
- Separator element service indicator
- Compressor lubricant change indicator
- Compressor capacity
- Compressor discharge temp
- Lubricant temp
- Running hours & loaded hours
- Aftercooler discharge pressure & temp
- Lamp test
- Dry contacts for remote indication of fault status
- Dry contacts for remote indication of service required
- Motor bearings service indicator
- High air end discharge temp alarm
- High lubricant injection temp alarm
- Main motor overload alarm
- Starter failure alarm
- High sump pressure alarm
- Control panel failure alarm
- Historical faults list
- Historical services list

Variable frequency drive- **REQUIRED SPECIFICATIONS LISTED BELOW** (Quantity 2):

- ABB adjustable speed drive with keypad and graphic display fully programmed
- 3/60/460 volt
- Menu driven programming with access to all parameters
- Lead/lag control
- Programmable relay outputs



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- Serial communication options
- Programmable analog outputs
- Automatic input voltage regulation +/- 10%
- Unloading control package to enable compressor to be controlled in proportional speed control mode with adjustable load/unload set points
- TCI line reactors

## Compressed air dryer- **REQUIRED SPECIFICATIONS LISTED BELOW** (Quantity 1):

- Zeks model 400 HSG (Or similar)
- Air cooled
- 400 SCFM @ 100 PSIG and 100 degrees F inlet air temp
- 300 PSIG maximum working pressure
- Automatic temperature control to match air flow demand from full capacity to zero
- Pressure dew point of 38 degrees F
- R404A refrigerant
- Design based on 100 degree F ambient
- 3/60/460 volt
- 2" MPT inlet and outlet connections
- Automatic solenoid drain trap
- Refrigerant suction and discharge gauges
- Air inlet temp gauge
- Air outlet pressure gauge
- Digital display and alarm parameters

## Compressed air filter- **REQUIRED SPECIFICATIONS LISTED BELOW** (Quantity 1):

- Finite model HN8S-6CUG (Or similar)
- Coalescing filter with differential pressure gauge
- Rated at 450 SCFM at 100 PSIG
- 2" threaded inlet and outlet

## Automatic electric drain- **REQUIRED SPECIFICATIONS LISTED BELOW** (Quantity 1)

- Posi-Drain model PD7020/A (Or similar)
- Adjustable duration and frequency
- Self-cleaning, non-corrosive, NEMA 4X enclosure
- 160/115 volt with electric cord and plug

## Warranty & Service- **REQUIRED SPECIFICATIONS LISTED BELOW**

- 1 year warranty complete assembly (Compressor & Dryer)
- 5 year warranty on air end (Compressor)
- 24 hour part and/or service initiation response time (All)
- 24 hours/day, 7 days/week local service availability (All)
- 5 year warranty (prorated) on refrigeration compressor (Dryer)
- 10 year warranty (prorated) on heat exchanger (Dryer)