

**SPECIFICATION 1.**

**Manufacturers standard Diesel Powered, Air Compressor shall be supplied utilizing the following codes.**

**003500 – Compressor, 185 CFM Minimum, Trailer Mounted**

**Note: " Refer to PCID 1075 for Delivery, and Warranty Requirements". Warranty shall be per Section E. 1. A.**

**The following additional items shall be supplied**

	Accepted
<p><b>1. PAINT:</b>                      Bidder must indicate the Standard Factory Paint Color for the unit on the Bid Item Sheet.                      Bidder must provide Unit Pricing for the Unit with the Standard Factory Paint Color on the Bid Item Sheet.                      Bidder must also provide Unit Pricing for the Unit with one of the following paint option(s)  <b>Factory:</b> Having unit bid painted PennDOT yellow. Reference DUPONT F9885 shade only. Unit shall be painted PennDOT yellow in lieu of the OEM's original color. Using the same process as with OEM paint.  <b>Aftermarket:</b> Having unit bid painted PennDOT yellow. Reference DUPONT F9885 shade only. All surfaces shall be properly cleaned and prepared prior to paint. Paint shall be the same quality as factory paint. To include all areas of the machine including interior.</p>	
<b>Comments</b>	
<p>2. Supplied equipment shall comply with current EPA regulations for model year supplied. Non-compliant equipment will be rejected.</p>	
<b>Comments</b>	
<p>3. Shall have an installed FLOCS (Oil Evacuation) system. Ref: EQN-351A.</p>	
<b>Comments</b>	
<p>4. Shall have an OSHA dead man valve on each opening.</p>	
<b>Comments</b>	
<p>5. Shall have a Tool lubricator, minimum 1 quart capacity, mounted in line.</p>	
<b>Comments</b>	
<p>6. Shall be equipped with Gauge package to include: Hourmeter (hourmeter shall record only when the engine is running), fuel, voltage, oil pressure, tachometer and air pressure.</p>	
<b>Comments</b>	
<p>7. Reels: Two (2) 50 feet live hose reels mounted on the top or side of the cabinet or the frame facing rearward. Hoses routed over top of compressor for easy access at the rear of machine. REF: EQN-143</p>	
<b>Comments</b>	
<p>8. THOR hose couplings on hose ends that are compatible with the breaker quick coupler half, with locking sleeves. One THOR coupler mounted on the tongue to serve as a holder to keep two (2) hose ends in place</p>	
<p>9. Tool box/s with a capacity for two (2) large silenced breakers and one (1) air tamper.</p>	
<b>Comments</b>	

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10. Shall have a Vandalism package: All fill caps such as for fuel, engine oil, hydraulic oil, radiator etc. shall be lockable or located inside lockable housing cabinet (s). With padlock (s) and key (all locks keyed alike).		
<b>Comments</b>		
11. There shall be a Safety valve that shall react instantly (shutdown) and automatically, for hose failure or accidental uncoupling which eliminates the possibility of dangerous hose whiplash.		
<b>Comments</b>		
12. The compressor, engine, accessories and housing shall be mounted on the trailer. The unit shall have a heavy duty rear bumper. The bumper shall be as wide as the compressor cabinet.		
<b>Comments</b>		
13. <b>Electrical lighting:</b> Lighting shall be per Federal and State regulations for stop, turn and tail lights. All lights shall be LED. Seven wire trailer cord and connector set to extend to front of hitch inside protective conduit as per ATA wiring sequence. Cable shall extend 8ft beyond pintle eye. REF:EQN80-B. There shall be a Cole Hersee Part # 11750 or equal stor-a-way trailer connector plug holder located in the tongue area. REF:EQN-84		
<b>Comments</b>		
14. <b>TRAILER:</b> Ref: EQN-84 and EQN-80B. Unit shall have wheels properly sized within all requirements and ranges to meet the specification. Wheels shall be a hub piloted, one piece design.		
<b>Note: UTG / Donut type wheels (type used in the mobile home industry) are not acceptable.</b>		
<b>Comments</b>		
15. <b>Wheel Chocks:</b> 1 Pair of Wheel chocks and holder. REF:EQN-82A		
<b>Comments</b>		
16. <b>Surge brake:</b> If the manufacturer deems it necessary to have brakes we require a Surge Brakes System per EQN-84 including break-away safety mechanism. *Note - Trailers that are to be equipped with surge brakes shall rely on a mechanical braking system, the use of electrical connections such as solenoids or dump valves will not be accepted. The axle brake shoes must be "FREE BACKING" type.		
<b>Comments</b>		
17. <b>Fire Extinguisher</b> 5LB 3A40BC type rechargeable with vehicle mount and weather proof cover.		
<b>Comments</b>		
18. <b>Safety:</b> All moving parts (e.g. belts, gears, etc.) and hot parts shall be provided with protective guards. Exhaust pipe with muffler shall not be a safety hazard and shall not interfere with operation of the engine. Manufacturer shall install all safety decals, warning labels, guards and devices available as standard equipment on all equipment offered.		
<b>Comments</b>		
19. <b>Hitch height &amp; Safety Chains:</b> Adjustable trailer tongue to accommodate variable truck hitch height levels along with 2 rust proof safety chains that must be at least 4ft long and must extend 3 feet beyond pintle eye. REF:EQN-84		
<b>Comments</b>		
20. <b>Warranty:</b> The warranty start up date shall be defined as the date of transfer from the PENNDOT Fleet Management Division to the designated county location. This will be considered the date of delivery to the county and NOT the date of delivery by the successful bidder to the department. The PennDOT Fleet Management will supply the actual start-up date, equipment number and serial number of the machine, via email, to the successful bidder. It is the responsibility of the successful bidder to ensure that the equipment manufacturer recognizes and applies the Department's actual warranty start-up date in their database.		
<b>Comments</b>		
21. <b>MANUALS:</b> Operators, Maintenance and Repair Manuals shall be supplied. There shall be an all weather holder attached to the unit to hold the manuals. A CD can be supplied in lieu of paper maintenance manuals.		
<b>Comments</b>		
22. <b>TRAINING:</b> There shall be 7Hrs. Start up and & Familiarization training for operators and mechanics. This shall be completed at the final county location.		
<b>Comments</b>		2/5/2018 JAH