

**SPECIFICATION 4.**

Manufacturers standard FIELD MIX PATCHING MACHINE To carry asphalt pothole patching material and accessories, including the swinging overhead hose carrier boom on rear. Designed to be towed at 65 mph maximum for on-road/off-road use. Units shall be ordered utilizing the following equipment code/s.

- 018720** – PATCHING MACHINE, TRAILER MOUNTED, DURA PATCHER P2
- 018730** – PATCHING MACHINE, TRAILER MOUNTED, CRAFCO MAGNUM

**Note: "Refer to PCID 1075 for Delivery, and Warranty Requirements". 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>	
Comments	
<p><b>2. FLOCS</b> system per EQN-351A</p>	
Comments	
<p><b>3. Hour meter</b> –shall record only when the engine is running.</p>	
Comments	
<p><b>4. Vandalism package:</b> 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).</p>	
Comments	
<p><b>5. Fire extinguisher,</b> 20 LB. 10A:40B:C rechargeable with vehicle mount and weatherproof cover.</p>	
Comments	
<p><b>6. 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 store-a-way trailer connector plug holder located in the tongue area. REF:EQN-84</p>	
Comments	
<p><b>7. 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></p>	
Comments	
<p><b>8. Surge brake:</b> System per EQN-84 drawing, 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.</p>	
Comments	
<p><b>9. 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</p>	
Comments	
<p><b>10. Grab Handles and Stepping areas:</b> All grab handles and stepping areas shall have anti-slip paint. <b>Non-skid tape is not acceptable.</b></p>	
Comments	
<p><b>11. Wheel Chocks:</b> 1 Pair of wheel chocks and holder REF:EQN82A</p>	
Comments	
<p><b>12. Safety Switches:</b> For operator safety, safety switches shall be incorporated to stop the tailgate screw feeder and the pick-up wheel when the protective screen/cover on receiving hopper is lifted/removed or to stop stone delivery and air velocity.</p>	
Comments	

13. **Safety:** 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. There shall be "HOT" markings on both sides of the Tank (marking imprinted "HOT" and 3257) requirements of 49CFR. Manufacturer shall install all safety decals, warning labels, guards and devices available as standard equipment on all equipment offered.

Comments

14. **Shield:** Engine shall be protected from inclement weather. Cover shall be removable to allow engine access. Top shall be solid metal and sides shall be perforated as necessary to allow for proper cooling.  
Noise Level: Not more than 84dBA measured at 4 foot distance from the center of rear bumper and in a horizontal plane.

Comments

15. **MANUALS:** 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.

Comments

16. **TRAINING:** There shall be 7Hrs. Start up and & Familiarization training for operators and mechanics. This shall be completed at the final county location.

Comments

17. **Warranty:** 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.

Comments

**ONLY UNITS THAT HAVE BEEN EVALUATED AND PRE-APPROVED PRIOR TO BID ENDING DATE WILL BE CONSIDERED IN THIS BID. FOR FUTURE PRE- APPROVAL PLEASE CONTACT THE PENNDOT FLEET MANAGEMENT DIVISION SPECIFICATION UNIT AT 717-787-1567**

2/5/2018 JAH