

SPECIFICATIONS

Mini Paver, Forward Driving, Skid Steer Attachment

014870

NE3

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May 3, 2019 GAW

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I. GENERAL UNIT SPECIFICATIONS:

A. INTENT STATEMENT:

NOTE: Pennsylvania Department of General Services, PCID No. 1075, "*General Requirements for Bidding PennDOT Vehicles/Equipment*", most current version effective at the time and date of bid opening, is included as a part of this specification. PCID No. 1075 may be reviewed and downloaded from the Department of General Services website, <http://www.dgs.state.pa.us>. Delivery as required per Department of General Service PCID NO. 1075 Section "G". All units must be delivered at ground level within **120** days after receipt of the purchase order by the successful bidder.

The purpose of these specifications is to describe a skid steer attached forward driving mini paver that is capable of paving width of 7.87 inch to 74.8 inch approximately with a hydraulically retractable screed. Mini paver shall be capable of being loaded from single or tandem axles dump trucks with various material such as cold or hot asphalt, cement, sand and crushed stone. Reference HITEK Pavijet Mini Paver MG7.

The unit shall meet this specification, be a current production model, new and complete. The unit shall be complete (less skid steer) with all equipment required for immediate operation to function as stated in this specification, and the unit must meet all applicable codes and standards.

Any deviations to the specification must be granted in writing by the Chief of the Specification Section. It shall be understood that any discrepancies/deviations between the specification and the completed unit(s), chassis or body up-fitter related, must be addressed and corrected prior to the delivery deadline and the Departments acceptances.

It shall be the sole responsibility of the successful vendor to ensure compatibility with the Department's skid steer. The vendor shall, prior to bid, inspect the Department's skid steer to ensure this compatibility. For model of skid steer and or location contact the Fleet Management Division at 717-783-2371.

It is understood that the components specified are minimum and if the unit's manufacturer's Engineering Department recommends or deems necessary, a larger component, the burden of responsibility is hereby placed upon the Manufacturer's Engineering Department to supply a unit that is totally engineered.

Each unit shall bear the manufacturer's model number, serial number and date of manufacture with a non-rusting metal tag, properly affixed.

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I. GENERAL UNIT SPECIFICATIONS: (Continued)

B. POWERTRAIN OVERVIEW:

Power unit: Reference for power unit attachment will be operated with, to ensure compatibility ONLY. Skid steer with rated operating capacity (SAE) 2,570 lb. Ref Bobcat T650.

C. PAVER COMPONENTS:

Manufactures Standard with the following minimums.

Installed Bob-Tach compatible attachment plate.

Front loading folding hopper with a minimum capacity of 1.5 cubic yards.

Minimum paving width 8.0 inch to 74.0 inch

Minimum paving thickness 2.0 to 9.5 inch

Paving attachment shall have wired in cab controller and a radio remote controller supplied. All functions shall be hydraulic, electric motor actuators will not be accepted.

Automatic material stop for lateral feeding auger. Auger shall have manual set material limiters.

Automatic self-leveling depth system

Complete propane screed heating system (less LPG tank) with all necessary components to be fully functional tank holder bracket, hose with tank connection and pressure regulator.

Screed heater shall be capable of heating to 140 degrees Fahrenheit

Manual wash down pump

Right offset vibrating screed shall be hydraulically retractable. Hydraulic fold for transport

Unit shall be painted Manufacturer's standard "Safety Yellow", entire unit except for glass, plastic, rubber and metallic accessories or fixtures constructed of rust-resistant or plated material not normally painted, shall be painted Safety Yellow.

D. Safety

Entry and exit steps must be provided with a serrated outer edge and designed for "Three Points of Contact" to the operator cab.

Attachment shall have a permanent label alerting the operator of "**LOW FLOW ONLY**" hydraulic system attachment.

Manufactures standard safety decals displayed on the attachment.

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II. MANUALS:

The successful vendor shall furnish all applicable manuals per unit:

- 1 Operators
- 1 Parts
- 1 Service
- 1 Body and Sub-frame (Parts and Service)
- 1 Complete set of manuals for any additional items/equipment added to a piece of equipment.

The manuals listed shall be official O.E.M. publications supplemented with technical manuals for all components as published by sub-vendors/manufacturers.

Parts Manual presented must be relative to "all" items utilized to build this unit(s), with appropriate part numbers.

Delivery of these manuals shall be completed with delivery of each unit.

Manuals shall also be supplied on thumb drive.

III. TRAINING:

Mechanic & Operator:

The successful vendor shall provide services of qualified factory trained technicians for not more than 1 training sessions of not more than 15.0 hours at 1 PennDOT locations to train personnel in the proper operation, safety and servicing of the equipment.

The successful vendor shall submit a training plan to the Fleet Management Division for approval within 45 days after receipt of the Purchase Order. The training plan shall consist of course outline and class schedule.

All training must be completed within 60 days after the dates established in the approved training plan unless an extension is mutually agreed to in writing by the Chief of the Fleet Management Division.

All training shall be coordinated with the District Equipment Managers, with the exception of Asphalt related training, which must be coordinated with the Statewide Training Coordinator (717) 787-4836, Fax (717) 783-4438.

V. WARRANTY: Per **PCID No. 1075**

Warranty period shall begin with the date the receiving county takes possession of the completed unit.