

Attachment B

Specifications: Road Widener/ Shoulder
Spreader

Road Widener/Shoulder Spreader – Self-propelled

Road widener/shoulder spreader – self-propelled, new and of current model, equipped as advertised by the manufacturer, to meet or exceed the following **MINIMUM** specifications:

Proposed Unit: Make _____ Model _____

Non-Restrictive
Clause:

Any use of brand name or equal within this specification is to be considered a reference for the purpose of describing the standard of quality, performance, and characteristics desired. It is not intended to limit or restrict competition.

SPECIFICATIONS

General: The road widener is a heavy duty, self-propelled shoulder paving machine capable of placing either aggregate or bituminous material to proper grade and slope to the right of the machine for widths from 1-6 feet.

**Dimensions
& Capacities:**

Width - Overall approximately 15'
Operating Weight - 12,500 lbs. minimum
Transport Width - 8'- 6" maximum
Length – 16' maximum
Working Depths - 8" above grade to 9" below grade, minimum .
Wheelbase - 96"

Comply Yes/No: _____

Engine: 60 horsepower, minimum, turbo-charged diesel, Additional standard equipment includes air cleaner with replaceable element, replaceable oil and diesel fuel filters and 30 gallon fuel tank minimum.

Comply Yes/No: _____

Traction Drive: Hydrostatic system with oversized, heavy-duty components to provide more usable power and greater reliability. Speed selection is variable displacement, infinitely variable, full reverse, working speed up to 150 FPM.

Comply Yes/No: _____

Controls: Provide control of working or travel speeds, conveyor function speed and shuttle, strike-off lift and lateral movement, grade and slope settings, hopper lip, steering, throttle, horn, starter and brakes.

Engine water temperature, oil pressure, voltmeter and hydraulic oil temp gauges together with tach/hour meter and engine governor control are located on the lockable engine instrument panel.

Seat is deluxe thickly padded seat with folding rests and fully adjustable for optimum operator comfort.

Comply Yes/No: _____

Brakes: Hydraulic service brakes and fail safe parking brake

Comply Yes/No: _____

Hopper: 2.5 CY, minimum.
Width, inside -9'-4" minimum

Comply Yes/No: _____

Conveyor: Minimum 15" wide

Comply Yes/No: _____

Conveyor Drive: Working speeds up to 400 FPM

Comply Yes/No: _____

Strike Off: Contoured strike off spreads to a controlled width, depth and slope. Strike off is raised, lowered, extended and retracted hydraulically.

Comply Yes/No: _____

Color: Manufacturer's standard color.

Comply Yes/No: _____

Accessories: Truck hitch group, hydraulically extendable push rollers, vandal covers and locks, telescoping strike-off tool, 1' strike-off tool, 2' strike-off tool, 3' strike-off tool

Comply Yes/No: _____

ADDITIONAL REQUIREMENTS

Service: Unit shall be delivered fully assembled ready to operate. Factory-trained dealer representative is to inspect equipment on delivery and provide receiving MDOT equipment manager with information on operational, service, and maintenance requirements.

Acknowledge Yes/No: _____

Warranty: Clearly stated terms and conditions of all manufacturer warranties shall be included with the Statement of Qualifications (SOQ). Any and all materials, specialty equipment, or accessories that prove defective in normal operation within the warranty period shall be replaced or repaired by the manufacturer free of any and all cost to MDOT, including all material, labor, and transportation costs. Warranty replacement and/or repairs shall be furnished promptly by the successful bidder within a time period not to exceed thirty days. **The bidder shall provide written assurance with the SOQ regarding warranty repairs.**

The delivering dealer will have sole warranty responsibility (**all components**) for the first ninety days after acceptance of vehicle.

The manufacturer shall provide, with SOQ, a list of warranty service locations within the State of Mississippi for all components of the vehicle (A/C, body, chassis, electrical, etc.) which may need warranty repair beyond the first ninety days.

Acknowledge Yes/No: _____

Workmanship: Workmanship throughout the vehicle shall conform to the highest standard of commercially accepted practice for the class of work and shall result in a neat and finished appearance. The design of the body and equipment which the manufacturer proposes to furnish must provide a vehicle of substantial and durable construction in all respects.

All parts shall be new. Used, reconditioned, or obsolete parts will not be accepted.

Acknowledge Yes/No: _____

Parts Availability: Dealer name and location within the State of Mississippi (if applicable):

Tests and Testing: The complete vehicle and all working and moving parts and operating devices shall be thoroughly tested and put in operating condition by the manufacturer.

Prior to acceptance of vehicle by MDOT, the manufacturer shall service and adjust vehicle for operation.

Acknowledge Yes/No: _____

Literature: Technical manuals: Operator's manual, service/maintenance manual, and parts book are to be made available in both hard copy and electronic (cd, flash drive, etc.) versions. One set of technical manuals shall be provided with each unit upon delivery. Additional manuals may be ordered at a later date.

Technical service bulletins: Successful bidder shall provide TSBs (technical service bulletins) for all equipment delivered to MDOT as they are published, regardless of the date of delivery. TSBs may be furnished in paper or electronic format, and shall be updated regularly.

The following additional information shall be provided by the vendor at time of delivery (electronically if possible):

Manufacturer's recommended service/preventive maintenance intervals
Recommended fluids, lubricants, and their SAE equivalents

Two (2) copies of descriptive literature shall be furnished to substantiate the details specified in SOQ.

Acknowledge Yes/No: _____

Certification: The manufacturer(s) shall furnish certification that this machine meets or surpasses current U.S. Department of Labor Occupational Safety and Health Administration (OSHA) Regulations, U.S. Department of Transportation Federal Motor Vehicle Safety Standards (FMVSS), and any other applicable Federal regulations.

Acknowledge Yes/No: _____

Vehicle Title or Certificate of Origin:

Assignment: **State of Mississippi/DFA – 941**

Mailing address: Mississippi Department of Transportation, 9301
P.O. Box 1850
Jackson, MS 39215

Acknowledge Yes/No: _____