



MISSOURI DEPARTMENT OF TRANSPORTATION
MINIMUM SPECIFICATIONS E640E

ENGINE

Diesel.	<u>Minimum</u>	<u>Maximum</u>
	95 HP Engine	135 HP Engine
	85 HP PTO	115 HP PTO

PTO

A live 540/1000 RPM PTO must be provided.

SEAT

Super deluxe heavy duty industrial with foam padded upholstered seat cushion and backrest. Seat to have complete vertical and horizontal adjustment with coil spring or equal type shock absorber suspension and tension adjustment.

BRAKES

Hydraulic, foot pedal operated individually or latched together and operated simultaneously.

THREE POINT HITCH

Category II hitch with factory installed stabilizers.

ROLLOVER PROTECTIVE STRUCTURE AND SEAT BELT

Each unit shall be equipped with a cab unit and is required to have air conditioning. The cab unit shall be rollover protective structure (ROPS) approved. The seat must be tethered to the tractor frame. ROPS and FOPS minimum performance criteria in accordance with SAE Standard J333B, J1194-77 and J0094-83.

A certification must be furnished denoting the safety installations meet requirements before an award will be made and purchase order issued.

STEERING

Power Assist.

FRONT AXLE

All units shall have mechanical front wheel assist.

HYDRAULICS

Live hydraulics with (3) double acting auxiliary valves, (2) with float positions.

LIGHTS

Complete standard factory installed lights and flashers.

FRONT WEIGHTS

Standard front weight bracket with a minimum 300 lbs. of weights shall be installed on the front of the tractor.

TIRES

The vendor will be responsible for any tire failure due to mechanical or manufacturer defect. The department shall replace any inoperable tire with the same make and model tire originally supplied with the tractor. All tires must be brands, models and sizes readily available from multiple dealers in the domestic market. The vendor may install used tires on tractor rims but must have at least 2/3 tread remaining on tires. No fluid filled tires will be accepted.

Upon return, if the tire(s) will hold air, MoDOT will not pay for the replacement of the tire.

COLOR

Standard manufacturers color.

MISCELLANEOUS

Low Center of Gravity tractors must have agricultural tread tires and provide lower ground clearance than the standard tractors.

Decals and all other forms of dealer advertisements larger than 12 square inches must be removed or covered prior being delivered to the department.