



**MISSOURI DEPARTMENT OF TRANSPORTATION**  
**PLATFORM BODY WITH STEEL FLOOR AND UNDERBODY HOIST SPECIFICATIONS**  
**(LESS HYDRAULIC PUMP, VALVE ASSEMBLY AND HOSES)**

BODY -- Minimum length overall as specified on bid form, width not to exceed 96". Floor shall be steel with a non-skid 3/16" safety tread plate surface securely welded to cross sills flush with rub rails. Body to have welded side and end rails of formed steel. Stake pockets approximately 1-3/4" x 3-1/2" boxed full depth or rails installed inside of rails will be provided, front, side and rear. Long sills will be a minimum of 5" high, of channel steel sections. Cross sills will be approximately 4" high on minimum 12" centers of channel steel sections. Long sills will be securely attached to cross sills. The body hinge pins to be removable type with a minimum of 1-1/4" diameter. A welded flat or three point type hinge is acceptable. Body to have fully enclosed recessed corner clearance lights. To be equipped with two red clearance lights on rear and two amber clearance lights on front with cluster of three red lights at rear located in a protected position in rear body rail. All wiring to be protected.

BACKUP ALARMS are to be provided.

HOIST -- N.T.E.A. performance range E or equal, rated minimum 12 ton capacity with a 18" body overhang. The hoist shall be a single or twin arm scissors type, have a double acting single cylinder providing power up, and power down action and a solid torque trunnion. The dumping angle shall be a minimum of 40 degrees.

Do Not include hydraulic pump, valve assembly, hoses and PTO

The hoist hinges and lift arm connection assembly is to be connected to body long sills so as to be integral with body. The body attaching brackets must be adjustable to fit any body sill spacing. The saddle and body guides are to bolt to truck frame with spacers provided to eliminate hotching of body sill where it rests on hoist saddle.

Bids will be considered on any standard unit providing that any minor deviations from these specifications are clearly noted on bid.

The Missouri Highway and Transportation Commission reserves the right to waive technicalities and to reject any or all bids and no bid is final until formally accepted by the Commission.