



**MISSOURI DEPARTMENT OF TRANSPORTATION
SPECIFICATIONS FOR LOADER SCALES**

It is the intent of this specification to describe a weighing system that will eliminate overloads and keeps track of daily production of material. This system will be mounted in cab on a wheel loader.

| Specifications | Meets Or Exceeds Spec. | Comments |
|--|------------------------|----------|
| Display: Shall be backlit LCD with 2 lines | | |
| Multi directional mounting bracket for the monitor | | |
| Rubber suspension on monitor to dampen vibrations | | |
| Manage up to 20 product names | | |
| Load ID for direct entry (SHD, truck plate, driver name | | |
| Records Running Total | | |
| Records Bucket Total | | |
| Provide Product Grand Totals | | |
| Weighing on the move with +/- 1% accuracy | | |
| Real time tip off to adjust the last bucket in real time with accuracy | | |
| Operate on 12 or 24 volt system | | |
| Keyboard Alphanumeric, waterproof tactile membrane | | |
| Zero capability | | |
| Must have a Stand-by-function | | |
| Must have 2 electronic direct pressure transducers preferred under cover | | |
| Dual magnetic proximity switch that is 100% dust, salt and water proof | | |
| Provide a Shielded power supply cable | | |
| USB or equivalent down load capability | | |



| Specifications | Meets Or Exceeds Spec. | Comments |
|---|-------------------------------|-----------------|
| Compatible to MoDOT new operating system Windows 7 and Office 2007 | | |
| Provide customizable reports | | |
| On site operating training | | |
| Provide training DVD's as needed | | |
| Provide full 3 year warranty for parts and service | | |
| ISO 9001:2000 quality certification | | |
| Provide on call service as needed within 24 hours of notification. | | |
| Delivery of replacement parts or units within 24 hours of notification. | | |