



Specification for a Mobile Laboratory trailer

- Dimension: W 8'6" x L 20' x H 7'
- Construction: Walls shall be solid permanent lined and .125 tread plate floors shall be all aluminum. **Frame construction to be aluminum only.** Walls and ceilings must be insulated.
- Cabinets: Full base type cabinets across the front. Wall cabinets shall be mounted in front corners (middle left open for mounting of test equipment) base cabinets 10' down left side with one (1) drawer stack and a sink hooked to water supply. Wall cabinets down the left side above base cabinets with space for a microwave.
- Doors: Rear ramp type door. Provide a standard side door with storm door toward the front.
- Window: Must be shatter proof on left side 36" x 48".
- Awning: 14' installed on the side.
- Vents: Two (2) Roof type with electric fans.
- Hitch: Bumper type.
- Axles: Two (2) 7,000 lb axles for a total of GVW 14,000lb.
- Frame Clearance: Provide the maximum allowable ground clearance for the proposed trailer.
- Jacks: Leveling and tongue shall be electric.
- Shore Line: Large enough to provide a minimum of 50 amps and 50' long.
- Lights: Four (4) exterior flood work lights (2 on the side and 2 in the back). Three (3) 12-volt interior lights activated by a switch. Three (3) 4' florescent 120-volt interior work lights.
- AC Outlets: Six (6) interior electrical outlets (1 on the front wall, 3 on the right wall, 2 on the left wall). One exterior (1) GFI outlet shall be mounted on the left side by the door.
- Water Tank: 50-70 gallon capacity with pump.
- Propane Tank: Double 20lb. tanks mounted to the frame.

The Missouri Department of 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.