

- 1 Ea. New latest model 250 CFM Portable Air Compressor, mounted on 2-wheel Trailer; meeting the following specifications, in accordance with manufacturer's standard published specifications:

Type: Self-contained, fully enclosed, heavy duty portable air compressor; compressor enclosure shall have accessible opening so that all components may be easily and simply serviced and maintained. All doors shall be lockable type with locks.

Capacity: 250 CFM free air at 100 psig at full load engine RPM. Maximum pressure approximately 120 psig.

Compressor: Oil flooded rotary screw, single stage. Manufacturer of the complete portable compressor shall have local parts distribution for the air compressing unit.

Engine: Four (4) cylinder, 186 cu. in. (min.) Diesel John Deere, Deutz, Perkins or Caterpillar delivering 82 HP (min.) 12-volt electrical system.

Air Intake Filter: Heavy duty two-stage dry construction type air filter and service indicator.

Instrument Panel: Instrument panel and controls shall be protected against vandalism. Panel to consist of tachometer, hourmeter, air discharge pressure gauge, start and stop controls, ammeter gauge, engine oil pressure gauge, engine water temperature gauge, fuel level gauge, and speed control selector for cold starting. Warning lights may be used in lieu of gauges if approved by State.

Safety Features: Engine shutdown devices to be activated by high discharge air temperature, low engine oil pressure, and high engine temperature. Other safety features to be an automatic blowdown valve, safety valves, and a minimum pressure device.

Cooling System: Sufficient cooling capacity for the unit to operate in 125 degrees F (52 degrees C) ambient temperature at sea level with internal operating temperatures averaging 20 degrees F above ambient. A fan guard shall be included.

Mounting, Running Gear, and Other Accessories: Engine and compressor to be rubber mounted on a welded steel frame to minimize vibration. Two-wheel Trailer, fenders (ie. full wheel cover), lift bale, replaceable drawbar, rear bumper (may be built into unit frame), radial tires, lights w/ 7 prong connector, safety tow chains, lunette towing eye.

Chassis: To be on heavy duty springs mounted on the axle, with swivel tow-bar wheel which will lock in up or down position.

Fuel System: Approximate 35 gallon fuel tank, sufficient for full eight hour shift continuous operation at full load (minimum).

Hoses: Dual 100' hose reels with 2 complete 100' hoses.

Line Oilers: Double line oilers, quart capacity.

Warranty: Complete portable compressor to be warranted for one (1) year; except for engine manufacturer's standard warranty. Air compressor unit to be warranted for two (2) years. Warranty to apply to defects in workmanship and materials.

Minimum Working Weight: 2,800 lbs.

Any variations from these specifications must be listed on a separate sheet of paper and attached to bid.

Vendor to furnish two (2) sets of parts books, service manuals, technical manuals, and operator's manuals with unit.

All fees for Titles must be paid by vendor. Address Titles to:

Alabama Department of Transportation
Equipment Bureau
1409 Coliseum Blvd.
Montgomery, AL 36110

Title application will be furnished when item is delivered.

Delivery date may be a factor in making award.