

SPECIFICATIONS

TRUCK MOUNTED HI-VOLUME 1000 GAL WATER/HERBICIDE SPRAYER

General: The Water/Herbicide Sprayer shall be a current model (John Bean model DO60E or equal) under standard production by the manufacturer. Any unit/s not conforming to the below specifications will be rejected. The water/herbicide sprayer shall be designed and constructed to spray water or herbicides and will be controlled by one person.

Dimensions: Length to be a minimum 120 inches. Width to be a minimum of 65 inches. Height to be no more than 72 inches. Overall weight of sprayer to be a minimum of 3000 pounds to a maximum of 3500 pounds.

Tank: The capacity of the water/herbicide tank to be 1000 gallons. Tank to be constructed of stainless steel. Unit to be equipped with mechanical agitation. The filler opening is to be a minimum of 15 inches. The strainer basket to be polyethylene construction. Sight to be at tank level.

Piping: All piping is to be stainless steel or brass throughout unit.

Fittings: All fittings are to be stainless steel or brass throughout unit.

Instruments: The pressure gauge to be variable from 0 to 1000 psi. The relief valve to be adjustable. Unit will be equipped with a cutoff valve.

Power: Engine to be 4-cycle diesel. Horsepower to be a minimum of 65. Engine to be equipped with an electric starter.

Pump: Water/herbicide pump is to be positive displacement. Capacity to be 60 gallon per minute at 800 psi.

Accessories: Unit to be equipped with hose reel with swivel and electric power rewind (1/2 hp, 12V DC electric motor, solenoid and switch). Hose length to be  $\frac{3}{4}$  inch ID hose with a minimum of 150 feet to a maximum length of 200 feet. Unit to be equipped with manual rewind crank. Unit is to be equipped with circuit breaker with bracket for 12V electric motor.

Paint: Spray unit/s is/are to be painted red in color.

Vendor is to provide one set of parts, maintenance, and operation manuals for each unit procured.

Training is to be provided by the vendor at the delivery site. Vendor is to provide a minimum of 4 hours training on the maintenance and operation of the unit.

Warranty is to be a minimum of one year on all parts and labor.

Delivery time is FOB destination and may be a factor in the award of this contract.