

WEST CENTRAL RAILWAY

Requisition No. 66874

Dated: 11/10/08

Full Description :- Supply, erection, testing and commissioning of "High Pressure steam cleaner including cleaning grill "

Specification:-

(1) High pressure Hot/Cold water jet cleaning machine . Model: IDRTRON 140 CM or equivalent.
Plunger:- Three Ceramic. Pump:- Reciprocating type Directly mounted. Water flow at pump Head:- 11M LPM i.e 610 Ltrs/Hr. Working pressure:- 0110Kg/ Sq CM (BAR). Operation Pressure Turbo :175 BAR.

Voltage :- 220V+10% Single Phase 50Hz. Power for Pump :- 2.2 KW Total Power:-03 KW. Mounting Wheel Trolley. Average Fuel Consumption :- 3-4 Ltrs/Hrs approximate. (Boiler Highly Efficient) Fuel Tank:- 16 Liters. Detergent Tank :-20 Liters. Cover:- Unit is provided with Non corrosive FRP cover. Temperature:- Infinitely Variables 20-100 DRQ. Centigrade Weight:- 110Kg approximate. Dimension 110x60x75 CM

(2).Special feature

Provided with centrally positioned control including thermostat.
Pressure Gauge
Flow pressure regulator
ON-OFF switch
Chemical Injector.

(3).Unit should be provided with automatic unloader, relief valve, temperature controller, and cut-off etc. As safety devices to protect against over pressure, over heating (This is a non temple type device)

(4).Water pump and oil pump/blower are driven by two separate motors. Standard accessories (Included) :- I) 1 No. ON/OFF trigger gun (ii) Lance 900 mm with coaxial pressure regulation system and insulated. 2 Nos. (iii) 4 Nos. High pressure nozzle (Two pointed & two spray jet) (iv) 1 No. high pressure hose 10 Mtr long suitable for 110 KG / Sq.mm > (v) 1 No. electric cable 5 Mtrs lono. (vi) 3 copies of instruction and maintenance manual (vii) Tornado (Turbo) Nozzle – 1 No. (viii) Two year recommended spares as per list given here under : (a) Valve sets (inlet & outlet) 6 Nos. (b) packing pump set 3 Nos. (c) "O" ring 3 nos. (d) water seal 3 Nos. (e) oil seal 3 Nos.

Manual :- Two sets of technical literature operational- maintenance manual spare parts catalogue, trouble shooting guide etc in four copies.