


TECHENICAL SPECIFICATION

Description of item: High Pressure Triplex Plunger Pump for Testing of LPG tank Wagons.


INDENT No . 92573001 dtd 25.3.13

1	Major Parameter.	I. Capability: Pump should be suitable to develop pressure for using hydraulic testing of Railway Tank wagons (LPG) having volumetric capacity 78.92 Cu.meter. ii. Discharge Pressure : 0-40 Kg/cm2 iii. Capacity in LPM (rated) : 3850 LPH (64 LPM) iv. Stroke length : 45 mm v. Stroke per minute : 270 vi. Plunger diameter : 50mm vii. Connection size (BSP) : Inlet 2" /outlet 1.5 " (both female type) ix. Transmission : Belt drive Material of construction x. Cylinder (material) : CF8/CF8M xi. Plunger (surface finish) : Ceramic coating/hard chrome xii. Valve seat and valve : Stainless steel xiii. Gland Packing /plunger seal : PTFE- Anamide /Cheveron type seal xiv. Crank case : FG-260 xv. Crank Shaft : SG iron
2	Minor Parameter.	
3	Concomitant accessories.	Electric motor(Crompton/L&T/GEC/ABB or reputed make), base frame , pressure gauge, Pressure relief valve ,Pulsation dampers , Belt guards, belt guard , pump pulley, motor pulley
4	Optional accessories.	Electric control panel ,PVC insulated copper cable- 10 meter size 2.5 sqmm -4 core ,DOL starter (L&T make preferably) Trolley with base frame


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5	Spares.	Not required
6	AMC requirement	Not required
7	Warrantee requirement.	AS per IRS General condition.
8	Special requirement.	Satisfactory commissioning should be done by supplier.

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Dy CME-Kota
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WPN 1/1/11/011/2563500