


TECHNICAL SPECIFICATION(revised)

Description of item: High Pressure Triplex Plunger Pump for Hydraulic Testing of BTPGLN/Tank .

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 / BTPGLN 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. Plunger diameter : 50mm vi. connection size (BSP) : Inlet 2" / out let 1.5"(female type) vii. Transmission : Belt drive
2	Minor Parameter.	i. Cylinder : CF8/CF8M ii. Plunger (surface finish) : Ceramic coating/hard chrome iii. Valve seat and valve : Stainless steel iv. Gland Packing /plunger seal : PTFE- Anamide /Cheveron type seal v. Crank case : FG-260 vi. Crank Shaft : SG iron
3	Concomitant accessories.	Electric motor (cropm:ion /L&T/GEC/ABB or reputed make Base frame , pressure gauge, Pressure relief valve ,belt guards, pump pulley, motor pulley etc
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 .
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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Annexure-II

To be submitted by the firm along with offer

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Tender specification as per Annexure-I	Specification quoted by the firm	Deviation if any with clarification

Signature of firm's