

Ind. Ref No: C/6230/2010/7266 T

Annexure - **I**  
MPR No. 62309038  
Date: 07/01/2011

## TECHNICAL SPECIFICATION OF PRIME MOVER & FLAT BED TRAILOR

### Specification :

Engine	Turbocharged intercooled
Max. Power	200 ps @ 2500 rpm
Max. Torque	700Nm @ 1300 – 1500 rpm
Air Filter	Dry type
Clutch	Axial spring ceramic clutch with hydraulic & Clutch Booster
Transmission	Synchromesh gear box
Frame	All steel ladder type boited with cross members and suitable overhanging external flitch
Suspension	Tandem bell crank
Steering	Power assisted steering
Service brake	Full air
Parking brakes	Graduated hand control valve operated on rear wheels
Battery	24V – 110 AH
Alternator	55A
Lights	2 No. head lights + 2 No. Foglights + side & rear indicators.
Cabin	Equipped with Fan. Adjustable seat with cushion, twin sleeper bunks & suitable protection from engine heat with insulation.

The Prime mover should be able to pull flat bed road trailer carrying a load of min. 49 MT.  
(Total Wt. = Unloaded 20 MT + Load 49 MT = 69 MT) on roads inside /outside plants.

### Trailer Type

Trailer Type	Size / Cu. m
Flat bed [*with FSD/DSD/HSD]	7315 mm [32 ft]
Width	3600 mm
Pay Load	Not less than 49 MT
Weight of Trailer without load	Not less than 20 MT

### Tool Kit:

Standard tool kit for normal maintenance of the prime mover should be provided in a tool box and a list of tools should be given in the offer.

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### Spares:

- Recommended fast moving spares for 2 years of smooth working.
- Spare Parts catalogues – 3 Nos.
- Operator Manual – 3 Nos.
- Hydraulic Jack 50T (min.). - 2 Nos.
- Two no. spares wheels (with Tyre, Rim & Brake Drum)
- Extra One no. <sup>each</sup> self starter Motor & Alternator required suitable for Prime Mover.

Pre-dispatch inspection at supplier's works.

Maintenance training for BHEL personnel at supplier's works.


Commissioning & job proving for rated load at BHEL works.

Guarantee for 24 months after successful job proving & commissioning.

Suppliers must reply/respond point wise technical specification.

### Pre-Qualifying Requirement (PQR):

- Vendor should have been manufacturing the offered or higher capacity prime mover for at least 5 years.
- The offered model should be from current manufacturing range.
- Vendor to submit customers list for above mentioned supply with contact persons & telephone nos.
- Prime mover manufacturer must be able to supply suitably matched flat bed trailer with the prime mover.

  
(A. K. Chauhan)

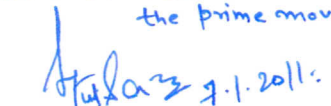
Engineer (WEX-MT)

  
(VISHAL VERMA)

MGR (WEX-MT)

  
(VK MITTAL)

DGM (TTX)

  
(ATUL KUMAR SAXENA)

SDGM (WEX-MT)