

BHARAT HEAVY ELECTRICAL LIMITED, JHANSI

942345/2022/TP-WEX\_01

Specification No.	MH-10585 Rev-01
Item No.	MH-1/7/6345 & MH-1/7/6345
Location	BAY-9 Shipping & FMS
Quantity	Two Number

SCOPE :  
SUPPLY & COMMISSIONING OF 5 Ton DIESEL OPERATED FORK LIFT TRUCK. COMPLYING AS PER SPECIFICATION BELOW

- NOTE :
- VENDOR must submit complete information against clause No. 7.0 ( Qualifying condition). The offer meeting this clause would only be processed.
  - The " offered" Column and where applicable, the " Deviations" Column of this format shall be filled in by the Vender and submitted along with the offer. Technical details also submitted with the offer. Inadequate / incomplete, ambiguous, or unsustainable information against any of the clauses of the specification / requirements shall be treated as non - compliance.
  - The offer and all documents enclosed with offer should be in English language only.

SPECIFICATION CUM COMPLIANCE CERTIFICATE OF 5 TON DIESEL OPERATED FORK LIFT TRUCK

S.NO.	DESCRIPTION FOR BHEL REQUIREMENT	SPECIFIED / TO BE CONFIRMED BY	OFFERED	DEVIATION
1.00	<b>PURPOSE</b>			
1.10	5 TON DIESEL OPERATED FORK LIFT TRUCK is required for transporting of material from outside / inside the factory area	VENDER TO CONFIRM		
2.00	<b>SPECIFICATION:</b>			
2.01	Engine capacity --70BHP(Min.) ✓	VENDER TO CONFIRM		
2.02	Loading Capacity when used at 600 mm load center : 5000 KG ✓	VENDER TO CONFIRM		
2.03	Power type : Diesel Engine ✓	VENDER TO CONFIRM		
2.04	Engine make - Simpsons/Parkins/Kirloskar/Tata /Ashoka leyland/Mitsubishi only .	VENDER TO SPECIFY		
2.05	Engine---4 Cyliner /4 Stroke ✓	VENDER TO CONFIRM		
2.06	Tyres type-Solid Cushion ✓	VENDER TO CONFIRM		
2.07	No. of tyres (4 Nos front / 2 Nos. rear) ✓	VENDER TO CONFIRM		
2.08	Load Back rest ✓	VENDER TO CONFIRM		
2.09	Transmission : Automatic	VENDER TO CONFIRM		
2.10	No. of Speed ---02 Forward,02Reverse ✓	VENDER TO CONFIRM		
2.11	Ground clearance--- 150 mm +/- 10 mm ✓	VENDER TO SPECIFY		
2.12	Lift height ---3.0-3.8 mtr ✓	VENDER TO CONFIRM		
2.13	Fork spread --1500 mm (Min.) ✓	VENDER TO SPECIFY		
2.14	Fork size-1200 mm(min.) ✓	VENDER TO SPECIFY		
2.15	Overall height (raised)	VENDER TO SPECIFY		
2.16	Colapsed height	VENDER TO SPECIFY		
2.17	Wheel base--2000 mm(min.)	VENDER TO SPECIFY		
2.18	Tilt (for)---6 deg/min	VENDER TO CONFIRM		
2.19	Tilt (rev.)---10 deg/min	VENDER TO CONFIRM		
2.20	Lifting stage-02 no.	VENDER TO CONFIRM		
2.21	Engine should be complete with starter, battery , electric self starter & alternator	VENDER TO CONFIRM		
2.22	Fuel tank Capacity in liters	VENDER TO SPECIFY		
2.23	A relief valve to be provided in the hydraulic circuit for protection against excessive pressure due to excessive loading.	VENDER TO CONFIRM		
2.24	Steering -Hydrosttic/ Hydraulic	VENDER TO SPECIFY		
2.25	Turning radius-3000mm (Max.)	VENDER TO SPECIFY		
2.26	Service break-Hyd. Disc break/Drum break ✓	VENDER TO SPECIFY		
2.27	Parking break--Hydraulic/Hand operated	VENDER TO SPECIFY		
3.00	<b>ELECTRICALS</b>			
3.01	The battery should be suitable rating for starting of engine.Battery Voltage,make and rating should be submitted with offer. ✓	VENDER TO SPECIFY		
4.00	<b>GAUGES</b>			
4.01	Desh board should be mounted in the front at a convenient place for clear view and with , engine oil pressure gauge,coolent temp. gauge. Battery charging indicator,Hr mtr.,fuel gauge, switch key	VENDER TO CONFIRM		
5.00	<b>MISCELANIOUS</b>			
5.01	The forklift to be supplied complete with tool kit, canopy and all other standard accessories needed for successful operation.	VENDER TO CONFIRM		
5.02	The offer should be complete with dimensional details outline general arrangement drawing with complete details of engine, power transmission, hydraulic system with circuit diagram and write up explaining special features.	VENDER TO CONFIRM		
5.03	Three copies of test, operation , maintenance manual & spare part list to be supplied with the forklifter.	VENDER TO CONFIRM		
5.04	Not withstanding anything, the details in this specification, if any thing else is required for its functioning, the same shall be specifically brought out & indicated.	VENDER TO CONFIRM		
5.05	The equipment should be commissioned by the supplier at BHEL, Jhansi	VENDER TO CONFIRM		
5.06	The equipment shall be tested/ inspected by BHEL engineer at suppliers works as per specification & performance before dispatch.	VENDER TO CONFIRM		
6.00	<b>GUARANTEE</b>			
6.01	The equipment is to be guaranteed in respect of material, construction and operation and against any manufacturing defect for a period of 24 months from the date of commissioning. Any parts of units found defective have to be replaced free of cost.	VENDER TO CONFIRM		
7.00	<b>QUALIFYING CONDITION</b>			
7.01	Only OEM / Authoised dealer (OEM / Authorisation certificate required with offer) who have supplied & commissioned at least 02 No. 5T or higher capacity diesel fork lifter of similar specification in the past ten year . The following information is to be submitted by the Vendor about the companies where similar forklifters. (Purchase order placed on OEM is also acceptable)	VENDER TO CONFIRM		
	A .P.O.Copy of supplied lifter as above	VENDER TO CONFIRM		
	B . Dispatch document/invoice copy /service report of above supplied lifter,	VENDER TO CONFIRM		
8.00	<b>BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false / incorrect, the offer shall be rejected.</b>	VENDER TO CONFIRM		

*Kate*  
09/07/22.

*SON*

*Rajendra*  
7-7-22

*Saenu Vishwa*  
12/7/22