

BHARAT HEAVY ELECTRICAL LIMITED, HARIDWAR		Indent No.: 20133971		Dated: 15.11.2013	
SPECIFICATION CUM COMPLIANCE CERTIFICATE FOR HYDRAULIC HAND PALLET TRUCK (6 Nos)					
NOTE :-					
1. Vendor must submit complete information against clause No. 14 (Qualifying Criteria) of the offer. Only the offers complying this clause, would be considered					
2. The vendor should fill the Offered Column in compliance to specified requirements and also Deviations Column, where there is deviation from the requirement. In case any clause is not applicable to the vendor's machine, it should be mentioned clearly next to said clause along with explanation for the same. Duly filled specification cum compliance certificate should be submitted along with the offer. Inadequate, incomplete, ambiguous or unsustainable information against any of the clauses of the specifications/requirements shall be treated as non-compliance. Any changes made to the clauses of the specification cum compliance certificate may be considered as grounds for non compliance and rejection of offer. Under no circumstances should any changes be made in the clauses of the specification cum compliance certificate.					
3. The offer and all documents enclosed with offer should be in English language only.					
SCOPE: SUPPLY, INSTALLATION AND COMMISSIONING OF HYDRAULIC HAND PALLET TRUCK (6 Nos)					
S. No.	DESCRIPTION OF BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATION	REMARKS
1.00	Hand driven, manually operated hydraulic pallet trucks needed for movement of heavy materials of mass 2500 Kg or more in shop floor and other areas.	Vendor to accept.			
2.00	The structure should be made of high tensile strength steel frame and should be able to withstand high usage with minimum wear.	Vendor to confirm			
3.00	The basic structure of the item shall consist of two forks with load wheels, handle for moving and steering the unit, hydraulic system for lowering and lifting movements of the forks, braking system, head with drive/steering wheel etc. The handle of the machine should be able to tilt towards movement direction and should come to vertical position automatically when released (preferably by means of spring mechanism).	Vendor to accept.			
4.00	The system shall be able to lift and lower fork during material handling i.e. 1. Lifted position while carrying the load. 2. Lowered position i.e. lowering the load to neutral position to deliver the load to destination point. All the above mentioned movements shall be powered by hydraulic mechanism in the machine. Suitable and easy handle/ lever /pedal mechanism shall be provided for easy and trouble free hydraulic operation for lifting and lowering. Colour : Yellow (Enamel painted).	Vendor to accept and provide details.			
5.00	The system shall be having basic structure and dimensions as per attached schematic drawing (Drawing number : SKETCH 1)	Vendor to accept.			
5.01	Fork length (L2) : 1000 MM to 1200 mm.	Vendor to accept and specify dimension			
5.02	Outside fork spread (B) : 550 MM +/- 50MM	Vendor to accept and specify dimension			
5.03	Maximum fork height (H2) : 235 mm to 270 mm.	Vendor to accept and specify dimension			
5.04	Lowered fork height (H1) : 80 mm to 90 mm.	Vendor to accept and specify dimension			
5.05	Overall height (H): 1100 MM to 1300 MM	Vendor to accept and specify dimension			
5.06	Fork width : 160 mm or higher.	Vendor to accept and specify dimension			
.00	Load wheels and steering/drive wheels' properties shall comply as below	Vendor to accept			
6.01	Steering and load bearing wheels shall be made of nylon and shall be having properties to minimise wheel wear.	Vendor to accept and provide details.			
6.02	Load wheel diameter, load wheel width to be specified.	Vendor to specify dimension			
6.03	Steering wheel diameter, steering wheel width to be specified.	Vendor to specify dimension			
6.04	Load wheel type: Nylon	Vendor to accept			
6.05	Drive wheel type : Nylon	Vendor to accept			
7.00	Documents and other technical details				
7.01	The vendor shall supply the complete list of parts, spare parts used in the machine along with specification, part/ordering numbers, basic machine operation and maintenance manual and address of manufacturer in case of purchased item.	Vendor to accept.			
8.00	MACHINE PRE-ACCEPTANCE AT VENDOR'S WORKS				
8.01	BHEL persons will be doing pre-acceptance at vendor's works and give dispatch clearance after satisfaction from all angles. During pre-acceptance, all functionalities shall be witnessed by the team and all machine performances shall be verified.	Vendor to accept			
9.00	INSTALLATION & COMMISSIONING				

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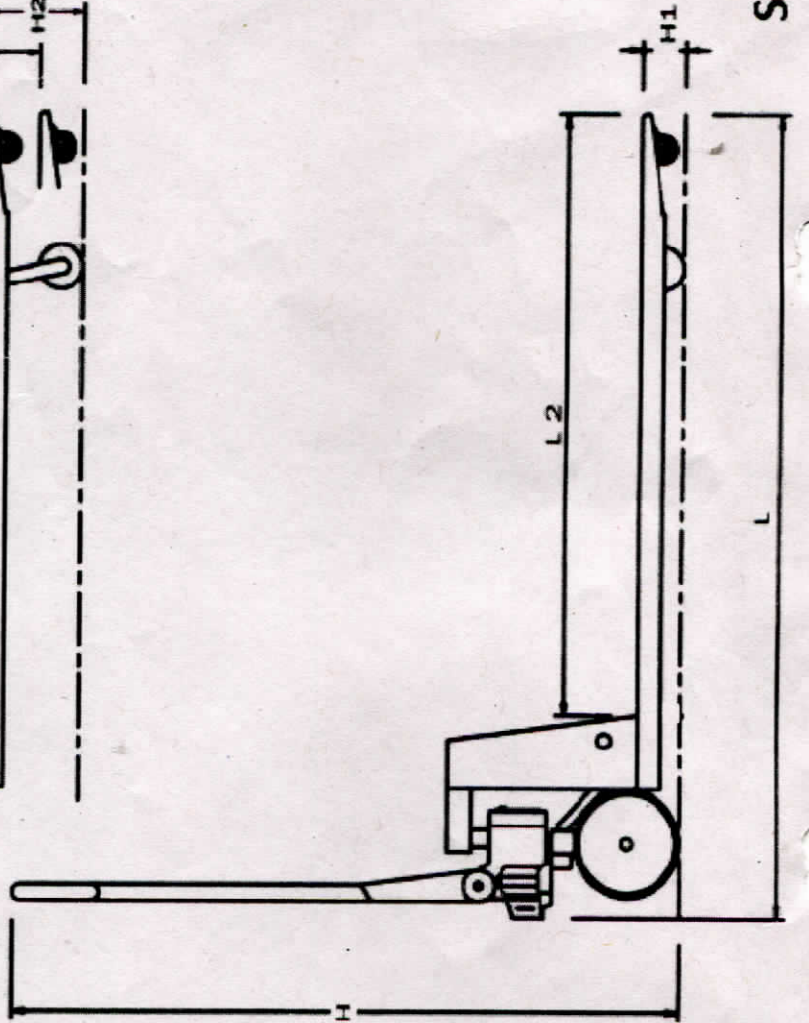
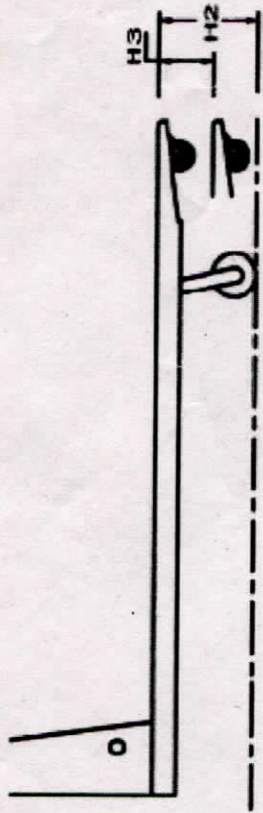
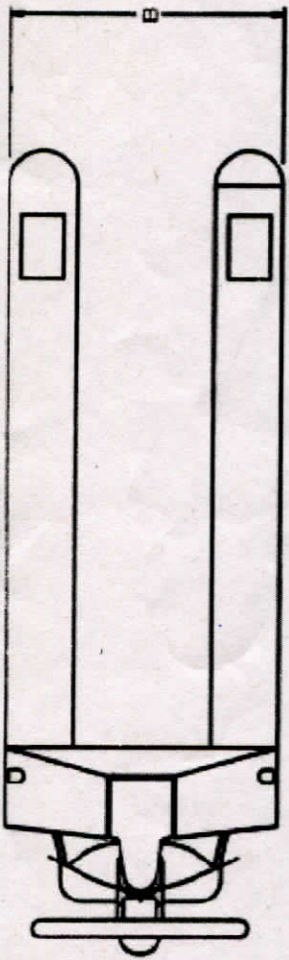
R. Rajak
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S. No.	DESCRIPTION OF BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATION	REMARKS
9.01	Supplier shall take full responsibility to install the machine at BHEL Haridwar and ensure trouble free running and functioning to the full satisfaction of BHEL personnels . All types of accessories and tools for installation and commissioning shall be arranged by supplier. The commissioning shall be done within 15 days of the first call to the vendor from BHEL.	Vendor to accept			
10.00	OPERATING CONDITION:				
10.01	The machine shall be used on shop floor as well as normal roadways. The machine should be able to run satisfactorily on surfaces with scattered metal chips as well as in moderate amounts of stone chips and dust.	Vendor to confirm			
11.00	SPARES				
11.01	Essential spares and one set of wheels (One number of each type as used in the machine) shall be supplied with the machine.	Vendor to accept			
12.00	PACKING				
12.01	Rigid packing to be made for all items of complete machine, all accessories and other supplied items to avoid any damage/loss in transit. When machine is dispatched in containers, all small and loose items shall be suitably packed in boxes.	Vendor to accept			
13.00	GUARANTEE				
13.01	Guarantee for complete machine, hydraulic system and all supplied accessories/equipments for 24 months from the date of final acceptance . Any spare required during guarantee period shall have to be arranged by the vendor free of cost at BHEL Haridwar and duty levied (if any) has to be borne by the vendor.	Vendor to accept			

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R.K. Rajak
15/11/13

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SKETCH 1