

BHARAT HEAVY ELECTRICAL LIMITED, JHANSI

	Specification No.	10515/ Rev.-4
	Item No.	MH-1/40/6298
	Location	SHIPPING SHOP
	Quantity	1 Number

SCOPE :**SUPPLY & COMMISSIONING OF 2 T BATTERY OPERATED PLATFORMTRUCK. COMPLYING AS PER SPECIFICATION BELOW****NOTE :**

	1. VENDOR must submit complete information against clause No. 6.0 (Qualifying condition). The offer meeting this clause would only be processed.
	2. 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.
	2. The offer and all documents enclosed with offer should be in English language only.


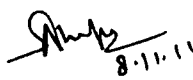
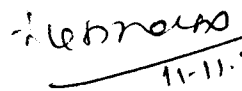

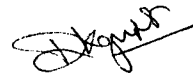
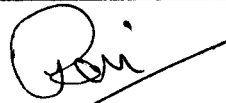
SPECIFICATION CUM COMPLIANCE CERTIFICATE OF BATTERY PLATFORM TRUCK

S.NO.	DESCRIPTION FOR BHEL REQUIREMENT	SPECIFIED / TO BE CONFIRMED BY	OFFERED	DEVIATION
1.0	PURPOSE			
1.1	2 MT Capacity battery operated platform truck is required for transporting of material from outside / inside of the store / shop floor. The truck to be sturdy and rugged in construction.	VENDER TO CONFIRM		
2.0	WORK PIECE MATERIAL			
2.1	Battery operated 3 wheeler platform truck with fixed high platform, front & rear suspension, chequered plate along with battery and battery charger. Capacity - 2000 Kg, fitted with driver cushion seat, head light, electric horn, etc.	VENDER TO CONFIRM		
3.0	Battery operated platform truck shall be consisting of following main items:	VENDER TO CONFIRM		
3.1	LOADING PLATFORM			
3.1	Loading platform is to be provided with the truck. The platform shall be fixed high platform of capacity – 2000 Kg.	VENDER TO CONFIRM		
3.2	BRAKES:			
3.2.1	Both foot and hand operated brakes to be provided.	VENDER TO CONFIRM		
3.3	CONTROLS			
3.3.1	A three speed control with paddle control for forward/reverse motion, horn, light, emergency switches are mounted on dash board. Accelerator & mechanical break is foot operated.	VENDER TO CONFIRM		
3.4	WHEELS			
3.4.1	The truck to be provided with a solid non-skid rubber wheels.	VENDER TO SPECIFY		
3.5	PROTECTION			
3.5.1	All under carriage operating and steering connections are to be treated against corrosion.	VENDER TO CONFIRM		
3.6	LUBRICATION			
3.6.1	A suitable lubrication system would be provided so that the gears remain continuously lubricated.	VENDER TO CONFIRM		
3.6.2	All steering connections are to be fitted with high pressure lubrication fittings.	VENDER TO CONFIRM		
3.6.3	All details of lubricants to be furnished.	VENDER TO CONFIRM		
3.7	OPERATOR SEAT			
3.7.1	comfortable cushion seat will provided.	VENDER TO CONFIRM		
3.8	BATTERY:			
3.8.1	Lead acid traction battery, 30 V, of suitable Capacity at 5 Hrs. rate of discharge is to be provided. Capacity of battery should be mentioned in the offer.	VENDER TO CONFIRM		
3.8.2	Make of the offered battery should be given	VENDER TO CONFIRM		
3.9	BATTERY CHARGER			

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3.9.1	A suitable battery charger for the above battery, complete with automatic termination of charge after equilisation and suitable for 440 V, AC is also be supplied. The charger should have plug and socket type arrangement for charging the truck battery easily.	VENDER TO CONFIRM		
3.10	WARNING SIGNAL			
3.10.1	Suitable light & sound/buzzer arrangement to be provided and should be operated at the time of reverse operation.	VENDER TO CONFIRM		
3.11	SINGLE LAMP HEAD LIGHT:			
3.11.1	The truck to be provided with head light and red tail lamp as a signal	VENDER TO CONFIRM		
4.0	SPECIFICATION:			
4.1	Capacity : 2000 Kgs.	VENDER TO SPECIFY		
4.2	Loading platform : 1500mm x1000 mm	VENDER TO SPECIFY		
4.3	Elevation : 100 mm minimum	VENDER TO SPECIFY		
4.4	Maximum outside turning : 2500 mm	VENDER TO SPECIFY		
4.5	Travel speed (Loaded) : 6 to 9 KM/Hr.	VENDER TO SPECIFY		
4.6	Platform loading height : not less then 330 mm	VENDER TO SPECIFY		
5.0	FOLLOWING DETAILS TO BE SUBMITTED WITH THE OFFER			
5.1	Details of motor speed, turning radius, transmission system, hydraulic pump and ram etc.	VENDER TO SPECIFY		
5.2	Sheet thickness of the platform (CHEKERED PLATE)	VENDER TO SPECIFY		
5.3	Power consumption.	VENDER TO SPECIFY		
5.4	List of standard and optional accessories with item wise prices.	VENDER TO SPECIFY		
5.5	Relevant technical catalogues, literature etc. furnishing full details, dimensions etc.	VENDER TO SPECIFY		
5.6	Type of lubrication system provided.	VENDER TO SPECIFY		
5.7	Separate prices of battery and charger.	VENDER TO SPECIFY		
5.8	Full details of battery and their capacity make etc.	VENDER TO SPECIFY		
5.9	The supplier should submit offer for the following items required as spare for maintenance purpose:-	VENDER TO SUBMIT		
	(a) Contractors	VENDER TO SUBMIT		
	(b) Forward/ reverse switch.	VENDER TO SUBMIT		
	(c) Plug arrangement required for connecting and disconnecting batteries from equipment.	VENDER TO SUBMIT		
4.0	INSPECTION / TESTING			
4.1	The equipment shall be tested/ inspected by BHEL engineer at suppliers works as per test chart in accordance to IS for all accessories & performance before dispatch.	VENDER TO CONFIRM		
5.0	MISCELANIOUS			
5.1	The battery operated platform truck to be supplied complete with tool kit and all other standard accessories needed for successful operation.	VENDER TO CONFIRM		
5.2	The offer should be complete with dimensional details outline general arrangement drawing with complete details of power transmission, hydraulic system with circuit diagram and write up explaining special features.	VENDER TO CONFIRM		
5.5	Three copies of test, operation , maintenance manual & spare part list to be supplied with the platform truck.	VENDER TO CONFIRM		
5.6	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		
6.0	QUALIFYING CONDITION			

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6.1	Only those vendor who have supplied at least 2 Nos. Battery operated platform truck of similar or higher capacity in the past ten year and such platform trucks presently working satisfactorily for more then one year after commmssioning, should quote. The following information is to be submitted by the Vendor about the companies where similar platform truck have been supplied. This is required from all the vendors for qualification of their offer.	VENDER TO CONFIRM		
	1 . Name of the customer / company where similar platform truck is installed.	VENDER TO SUBMIT		
	2 . Complete postal address of the customer.	VENDER TO SUBMIT		
	3. Year of suppling / commissioning.	VENDER TO SUBMIT		
	4 . Name and designation of the contact person of the customer.	VENDER TO SUBMIT		
	5 . Phone. FAX, no andE-mail address of the contact person of the customer.	VENDER TO SUBMIT		
	6 . Performance certificate from the customer regarding satisfactory performance of platform truck.	VENDER TO SUBMIT		
7.0	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.	VENDER TO CONFIRM		
 S.J.Chakraborty Sr. DGM (WE&S)		 A.K.SHIVPURI Sr. Manager (WE&S)		 H.V.BHATIA Sr. Manager (TRM)
 ARJUN SINGH Mgr(wex)		 D.K.GUPTA Dy.Mgr(TRM)		 Y.K.DHINGRA Sr.ENG.(WEX)