


	Contactor	1 no.		
	Switching Relay	1 no.		
	Key switch	1 no.		
	Clamps	1 no.		
6.0	GENERAL ARRANGEMENT DRAWING OF BATTERY OPERATED MOTORIZED TROLLEY:			
6.1	Supplier shall submit G.A. drawing along with offer for approval. A sketch is attached with this specification as reference EMT-6770(Rev.-01). However, vendor may opt better general arrangement to achieve intended performance of the system. It will be sole responsibility of vendor to prove the performance at BHEL works.		Vendor to confirm	
7.0	PRE-ACCEPTANCE OF "BATTERY OPERATED MOTORIZED TROLLEY" AT VENDOR'S WORKS :			
7.1	"BATTERY OPERATED MOTORIZED TROLLEY" will be inspected by BHEL engineers on following points at vendor's works :-		Vendor to confirm	
7.1.1	Overall dimensions of frame work, movement of trolley, make and specification of motor etc. with reference to the approved General Arrangement Drawing (Sl. no. 6.0).			
7.1.2	All operations of the "BATTERY OPERATED MOTORIZED TROLLEY" to be checked.			
7.1.3	Make and specifications of different brought out items to be checked.			
7.1.4	Availability of spare as per clause 5.0 to be checked. If applicable.			
8.0	INSTALLATION AND COMMISSIONING :			
8.1	The supplier shall be fully responsible for the commissioning of the Equipment at BHEL works, Haridwar.		Vendor to confirm.	
9.0	FINAL ACCEPTANCE OF BATTERY OPERATED MOTORIZED TROLLEY :			
9.1	Demonstration of all features specified in this Technical Specification to the satisfaction of BHEL, at BHEL works, Haridwar.		Vendor to confirm.	
9.2	BHEL reserves right to reject the trolley if it doesn't confirm to its specification. If in the parts of the trolley, hidden defects are found, then even at the later stages it can be rejected.		Vendor to confirm.	
10.0	PAINTING :			
10.1	"BATTERY OPERATED MOTORIZED TROLLEY" will be painted to RAL 7035/ RAL 7038 Grey paint or mutually agreed.		Vendor to confirm	

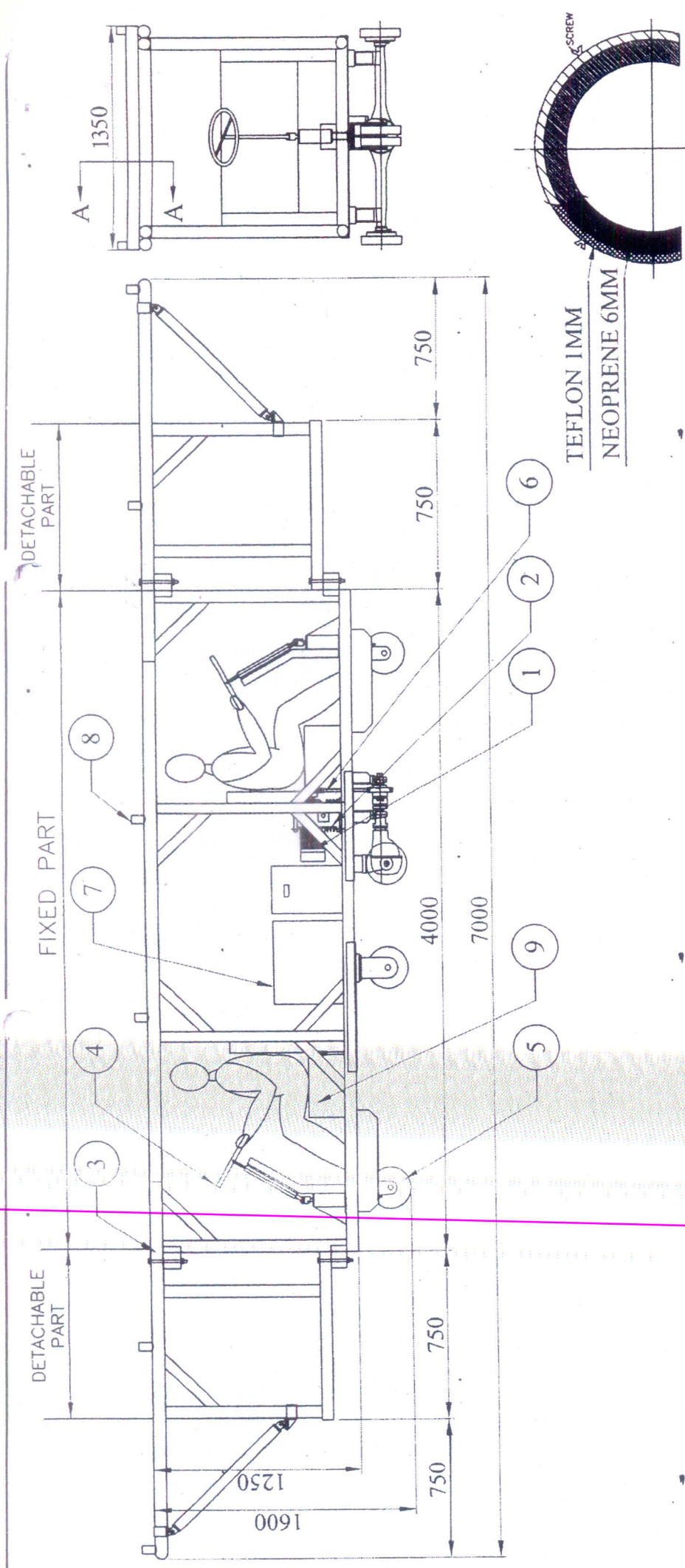
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11.0	GUARANTEE:			
11.1	Guarantee for Battery operated motorized trolley shall be 24 months from the date of final acceptance at BHEL works, Haridwar. Any spares required during the guarantee period shall have to be arranged by the vendor free of cost (up to BHEL Haridwar stores) and duty levied has to be borne by the vendor.	Vendor to confirm.		
12.0	PACKING AND MARKING:			
12.1	Rigid packing shall be provided for "BATTERY OPERATED MOTORIZED TROLLEY" to avoid any damage / loss in transit. All spares other loose items if any, should be suitably packed in separate wooden boxes.	Vendor to confirm		
12.2	Packing shall be labeled with: <ul style="list-style-type: none"> • BHEL P.O. No. • BHEL Spec. No. • Supplier Ref. No. 	Vendor to confirm.		
13.0	GENERAL :			
13.1	Vendors may see the existing Battery Operated Motorized Trolleys at BHEL Haridwar Works before submitting offer.	Vendor to note.		
13.2	Supplier must submit point wise reply to specification.	Vendor to confirm.		

Ranjit Kumar
11/5/13
(RANJEET KUMAR)
Sr. ENGINEER (EMT)

Ankur Goyal
(ANKUR GOYAL)
Sr. ENGINEER (CIM, BL-IV)

Mudassar Hasan
(MUDASSAR HASAN)
ENGINEER (WEX, BL-IV)



- 1. DC MOTOR
- 2. GEAR BOX
- 3. FRAME
- 4. STEERING
- 5. WHEEL
- 6. CHAIN SPROCKET
- 7. BATTERY
- 8. SIDE SUPPORT
- 9. SEAT

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Sigodina
13/11/13

TYPE OF PRODUCT OR NAME OF CUSTOMER/ PROJECT

BHARAT HEAVY ELECTRICALS LTD. HARDWAR

DRN	T. TOMAR	NAME	SIGN	DATE
CHD	B.M. PURTY			16.7.09
APD	M. TAPADAR			16.7.09

DEPT. _____ WEIGHT (Kg.) _____ REF. TO ASSY. DRG. _____ ITEM NO. _____

CODE _____ SCALE _____ NTS _____

TITLE: BATTERY OPERATED MOTORISED TROLLEY

DRAWING NO. EMT-6770 (REV-01)

SHEET NO. _____ NO. OF SHEETS _____

QUALIFYING CONDITIONS FOR BATTERY OPERATED MOTORIZED TROLLEY :-

DESCRIPTION OF BHEL REQUIREMENT	TO BE SUPPLIED/ CONFIRMED/ SUBMITTED BY	OFFERED	DEVIATION	REMARKS
<p>Only those vendors (OEMs) should quote who have commissioned at least one Battery operated motorized trolley which is both side driven and suitable for loading capacity of minimum 800 kgs in the past fifteen years (on the date of opening of Tender) and referred trolley is presently working satisfactorily for more than one year after commissioning (on the date of opening of Tender).</p>	Vendor to accept & confirm.			
<p>The following information should be submitted by the vendor about the companies where similar battery operated motorized trolleys have been supplied. This is required from all the vendors for qualification of their offer.</p>				
1. Name of the customer / company where referred trolley is supplied.	Vendor to inform.			
2. Complete postal address of the customer.	Vendor to inform.			
3. Month & Year of commissioning	Vendor to inform.			
4. Parameters of battery operated motorized trolley supplied and application for which the battery operated motorized trolley is supplied.	Vendor to inform.			
5. Name and designation of the contact person of the customer.	Vendor to inform.			
6. Phone, FAX no. and email address of the contact person of the customer.	Vendor to inform.			
7. Performance certificate from the customers regarding satisfactory performance of Battery operated motorized trolley supplied to them (Original Certificate or Through E-mail directly from the customer). The original performance certificate may be returned after verification by BHEL, if required.	Vendor to submit.			
8. BHEL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be false/ incorrect, the offer shall be rejected.	Vendor to accept & confirm.			

(Signature)
 (Bk-4 Mech. Maint.)
 V. S. CHAITANYA
 VISE (M-PA)

(Signature)
 (BI-4, CIM)

Recd
 22/6/13
 (EMT)