



# TECHNICAL PURCHASE SPECIFICATION

## TECHNICAL PURCHASE SPECIFICATION

### "RUBBER WHEEL BONDED ONTO CAST IRON BLANK WITH BEARING"

#### 1. PURPOSE

"RUBBER WHEEL BONDED ONTO CAST IRON BLANK WITH BEARING" will be used in Battery Operated Motorized Trolley for transportation of Stator Winding Bars in CIM, BI-4.

#### 2. SCOPE

Scope of order cover supply as per BHELs specification.

#### 3. SPECIFICATION

- (i) OD of the wheel 250mm
- (ii) ID of the wheel 52mm
- (iii) Thickness of the wheel 56mm
- (iv) OD of cast iron blank 210mm
- (v) Maximum loading capacity 250 Kgs per wheel(or better)
- (vi) Natural Rubber is to be bonded on to cast iron blank.
- (vii) Hardness of Natural Rubber Bonded on to cast iron blank shall be 75°+/-5 Shore A (Or better).
- (viii) Wheel shall be fitted with two no. of bearing (Bearing no.-6205ZZC3) on either side of cast iron blank.
- (ix) The wheel is to be used on epoxy painted floor as well as on concrete floor. Therefore, wheel should be designed in such a manner that they can be used safely on both type of flooring without risk of damage and optimum performance.
- (x) Drawing of the wheel is attached for kind reference. Vendor shall submit their drawing with the offer.

#### 4. ACCEPTANCE CRITERIA

Material shall be accepted on the basis of the test/compliance certificate furnished by the supplier as per BHELs requirement.

SIGN & DATE		SIGN & DATE		नाम NAME	दिनांक एवं हस्ताक्षर SIGNATURE & DATE
				निर्माणकर्ता WORKED BY	ANKITA 28/10/14
				जाचकर्ता CHECKED BY	RANJEET KUMAR 28/10/14
				पर्यवेक्षणकर्ता SUPERVISED BY	N.S. RANA 28/10/14
				स्वीकृति APPROVED	AGM (EMT) 25/10/14
REV. NO.	00			तैयार PREPARED	EMT
DATE	28.10.2014			जारी ISSUED	EMT 28.10.2014

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स्वत्वाधिकार एवं गोपनीय

इस प्रलेख में दी गई सूचना भारत हेवी इलेक्ट्रिकल्स की सम्पत्ति है इसका प्रयोग इस प्रलेख में दी गई सूचना भारत हेवी इलेक्ट्रिकल्स की सम्पत्ति है इसका प्रयोग

हस्ताक्षर एवं दिनांक

SIGN & DATE

संशोधन संख्या

INVENTORY NO.



# TECHNICAL PURCHASE SPECIFICATION

EMT-2004

पृष्ठ 2 का 2

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SUPERSEDES INVENTORY NO.

सामग्री सूची संख्या को अधिकारित

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स्वत्वाधिकार एवं गोपनीय

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हस्ताक्षर एवं दिनांक  
SIGN & DATE

## 5. PACKING AND MARKING

The item shall be suitably packed to avoid any kind of damage during transit and storage. Each package shall be legibly marked with the following information:-

BHEL Purchase Specification

BHEL Purchase Order No.

Supplier's Name

Batch No. and Year of Manufacture

Size and Quantity Supplied

## 6. REJECTION

BHEL reserves the right to reject the entire lot of the material, if found not conforming to stipulations of this specification. Parts of the lot not subjected to testing but found to be defective and those with hidden defects can also be rejected.

REV. NO.	00	निर्माणकर्ता	WORKED BY	ANKITA	<i>ANKITA</i> 28/10/14
DATE	28.10.2014	जांचकर्ता	CHECKED BY	RANJEET KUMAR	<i>Ranjeet Kumar</i> 28/10/14

FIRST ANGLE PROJECTION

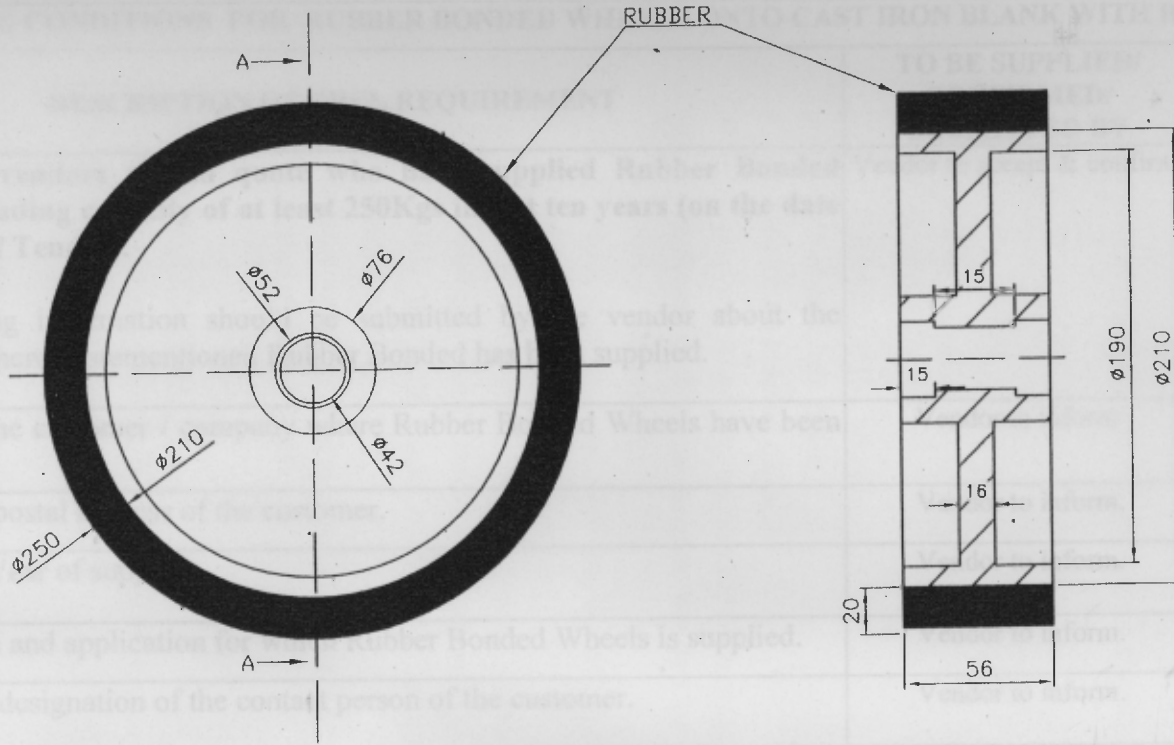
(ALL DIMENSIONS ARE IN mm)

FORM

EMT-2004

DRAWING No.

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OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF COMPANY.



SECTION A-A

INVENTORY No. SIGN. & DATE REF. DRG. No.

GMS No./GRSP.No.		STATUS OF DRG	TYPE OF PRODUCT	COMP. DRG. No.	M/C TOOL TRANS No.	REF. DRG. No.
NAME SIGN. DATE				DESIGN ORDER No.	M/C MODEL No.	
CIM	MALINDRA SINGH					
REV DATE ALTERED CHECKED			DEPT.	SCALE	WEIGHT(Kg)	REF. TO ASSY. DRG.
			CODE			ITEMS OF No. ITEMS
TITLE				DRAWING No.		REV
RUBBER WHEEL BONDED ONTO CAST IRON BLANK WITH BEARING				EMT-2004		
				SHEET No. 01		No. OF SHEETS 01



BHARAT HEAVY ELECTRICALS LTD.  
HARDWAR

DRN	NAME	SIGN.	DATE	No. OF VAR.
CHD	ANKITA		20/10/14	
APD	MANJEET K.		28/10/14	
	NS RANA		28/10/14	

SIZE A 3

## QUALIFYING CONDITIONS FOR RUBBER BONDED WHEELS ONTO CAST IRON BLANK WITH BEARING:-

DESCRIPTION OF BHEL REQUIREMENT	TO BE SUPPLIED/ CONFIRMED/ SUBMITTED BY	OFFERED	DEVIATION	REMARKS
<p><b>Only those vendors should quote who have supplied Rubber Bonded Wheels of loading capacity of at least 250Kgs in last ten years (on the date of opening of Tender).</b></p> <p>The following information should be submitted by the vendor about the companies where aforementioned Rubber Bonded has been supplied.</p>	Vendor to accept & confirm.			
1. Name of the customer / company where Rubber Bonded Wheels have been supplied.	Vendor to inform.			
2. Complete postal address of the customer.	Vendor to inform.			
3. Month & Year of supply.	Vendor to inform.			
4. Parameters and application for which Rubber Bonded Wheels 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. Supporting documents (such as P.O., invoice etc.) regarding Rubber Bonded Wheels supplied to them.	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]*  
 (EMT)  
 Tinkit  
 Engineer (EMT)

*[Signature]*  
 (CIM) Balendra Singh  
 (Engineer CIM)  
 3.11.2014.