

Mandatory Pre-Qualification Requirements for Permanent Magnets (code W96414600245 & W96414600270)

The Permanent Magnets are used for high speed rotating application in magnetic poles of Exciters for Power plant.

1. Vendor shall confirm that they or their supplier is manufacturer of Sintered NdFeB Magnets in last ten years from date of enquiry. In support of this, they shall furnish details as below-
 - i. The vendor should have manufactured and supplied the **NdFeB** grade Permanent magnets (manufactured with **Sintered** process) of weight minimum 0.2 Kg/piece. The total quantity of Purchase order should be approx. 20 Kg or more.
 - ii. Vendor should furnish un-priced copy of at least one purchase order meeting the requirements against point 1(i) above (of Sintered NdFeB grade magnets), along with detailed test certificates for tests conducted on Magnets (in-process, final stage inspection and type tests if any).
 - iii. Vendor to confirm that they will meet all the requirements of BHEL drawings 31460101117 and 31460101123.
2. Vendor shall confirm that they or their manufacturer of these Permanent magnets have required manufacturing and testing facilities. They shall also provide the details of manufacturing & testing facilities.
3. Vendor should confirm that, in case of placement of order by BHEL, the magnets shall be supplied in magnetized condition and shall be suitably packed to prevent any transit damage. Following documents shall be provided with the dispatch documents
 - i. Test certificates
 - ii. Guarantee certificates
 - iii. Dimension reports

Notes:

1. All the documents and correspondences should be in English language.

MANUFACTURER'S NAME AND ADDRESS			QUALITY PLAN				TO BE FILLED BY BHEL		TO BE FILLED BY BHEL			
BHEL	VENDOR'S NAME	ITEM			QP NO.							
					REV							
		DRG. NO.	AS PER PO									
		SPEC.	AS PER PO									
		REV				Page 1 of 1						
SL. NO.	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORDS	AGENCY			REMARKS

Note: All page of inspection documents shall be numbered in chronology with the QAP clause , dully mentioning the corresponding QAP clause nos. at the top of each page. One index page containing the documents descriptions, their page no & QAP clause shall be attached upfront the inspection documents.

MANUFACTURER/SUBCONTRACTOR		LEGEND:	FOR CUSTOMER USE	
		! RECORDS IDENTIFIED WITH 'TICK' SHALL BE ESSENTIALLY INCLUDED BY CONTRACTOR IN QA DOCUMENTATION.		
		M: MANUFACTURER / SUBCONTRACTOR B: BHEL / NOM. INSPECTION AGENCY N: CUSTOMER INDICATE 'P' PERFORM 'W' WITNESS AND 'V' VERIFICATION ALL 'W' INDICATED IN COLUMN 'N' SHALL BE 'CHP' OF CUSTOMER		APPROVED BY