

ANNEXURE-A TO PURCHASE INDENT 240962063		REV.NO.- 00
BHEL Bhopal	Technical Specification of: MTAL RELAY	
SWE	PI No.: 240962063	Enq. No.:
W.O. Nos. : 93062P47602		PO No.:

MAGNETIC RELAY TYPE MTAL

1. SCOPE & APPLICATION:-

This specification covers the requirement of Magnetic Relay Type **MTAL** with permanent blow out magnets used for making and breaking Vacuum Contactor coil current.

2. TECHNICAL PARAMETERS:-

Sl no	Parameter	Rating
a)	Coil rating(Continuous)	220VDC/110VDC +/-10% (shall be informed at ordering stage)
b)	Contact arrangement with permanent blow out magnets	2 NO + 2 NC
c)	Contact rating	
i)	Make and carry Continuous	10 Amps
ii)	Breaking (Inductive) at 220VDC/110VDC	6 Amps
d)	Insulation test	2.5 KV AC 50Hz for 1min
e)	Type	BHEL MTAL

3. ACCEPTANCE CRITERIA:

- i. Type and No. of auxiliary contacts & auxiliary supply to be matched with order specification.
- ii. Visual check for defect free contactor.
- iii. Availability of all the routine test certificates.

4. DOCUMENTS TO BE FURNISHED BY SUPPLIER:

- i. 2 copies of specification sheet, descriptive leaflets, dimensional drawings & terminal marking details must be submitted alongwith the offer.
- ii. 2 copies of Type test certificates must be furnished along with offer.
- iii. 2 copies of routine test certificates shall be furnished at the time of delivery.

5. PERFORMANCE GUARANTEE:

Contactors shall perform satisfactorily for a minimum period of 24 months after receipt of BHEL Bhopal order or 18 months from date of commissioning, whichever is earlier.

Prep. by : Rahul Rajput
Date : 11.03.2017

Approved by : Vaibhav Dixit
Date : 11.03.2017