

Mandatory Pre-Qualification Requirements for Electrical Heating Tubes
(Ref.-TG60700)

Description

The Electrical Heating tubes are fitted in brushless exciter bed plate and are used for air heating within the exciter enclosure when machine is under shut down.

Mandatory requirement for Pre-Qualification

1.0 Experience Requirement -

The Vendor should be a regular manufacturer of electrical heating elements/tubes and they should have supplied electrical heating elements/tubes in last fifteen (15) years (from the date of issuance of enquiry) with following technical details –

Sl no.	Product features	Details
1.	Rating	500 W (minimum)
2.	Outside tube material	Mild Steel or better
3.	Supply Voltage	220 Volts (minimum)

Vendor to submit the following documents as an evidence of acceptance of supplied electrical heating elements/tubes:

- a) Vendor to furnish un-priced copy of atleast one executed Purchase Order.
- b) Vendor to furnish the test certificate of Electrical heating elements/tubes against any one of the PO submitted as per clause (a). The test certificates should be co-related with P.O.

- 2.0 Manufacturing Facilities:** Vendor shall confirm that they have manufacturing facilities for manufacturing of Electrical heating tubes. Details of facilities to be furnished.
- 3.0 Testing Facilities:** Vendor to confirm that they have testing facility for electrical heating tubes. Details of in-house testing facilities to be furnished with offer. In case of outsourcing of any test, vendor to agree for testing at Government/International agency's accredited labs only.
- 4.0** Vendor to confirm that the items shall be supplied as per BHEL's enquiry specification TG60700 and drawing 41450801000.

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
											M	B	N	
1	2	3		4	5	6	7	8	9	D	10			11

MANUFACTURER/SUBCONTRACTOR		LEGEND:	FOR CUSTOMER USE	APPROVED BY
		! 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		