



BHARAT HEAVY ELECTRICALS LIMITED
Heavy Power Equipment Plant, Ramachandrapuram,
Hyderabad - 502 032. INDIA.
Phones :
Purchase Dept:040-23182514
E-mail : asailoo@bhelhyd.co.in

Indent No. :
Date :
Enquiry No. :
Due Date :
Vendor Qtn. No. :
Date :

Tender documents to be filled by the Vendor for supply of
BEARING HEATER-01 No

NAME OF THE Vendor :		ADDRESS OF THE INDIAN AGENTS:		
PHONE NOS.:		TELEPHONE NOS.:		
FAX NOS.:		FAX NOS.:		
E-MAIL ADDRESS :		E-MAIL ADDRESS:		
NOTE:				
1. Vendor shall submit complete information against each clause of the specification given below point by point.				
2. The Vendor should fill the "Offered" Column in compliance to specified requirements and also "Deviations" column, where there is deviation from the requirement. Duly filled specification cum compliance certificate should be submitted along with the bid. Inadequate, incomplete, ambiguous or unsustainable information against any of the clauses of the specifications/requirements shall be treated as non-compliance				
3. The offer and all the documents enclosed with bid should be in English language only.				
4. Vendor shall submit answers and details (if req) to each & every clause as per this spec document format in other case offer will be rejected				
Sl.No.	Description for BHEL Requirement	Offered	Deviations	Remarks
1	PURPOSE: Induction type Bearing heaters are required in 01 shop			
2	PREQUALIFICATION REQUIREMENT : a) The suppliers shall give a list of atleast two PO copies or customers list with contact numbers/email id's to whom similar Bearing heaters are supplied,preferably Govt./ public Sector b)Performance certificate from atleast ONE supplier need to be submitted			
3	Technical details of Bearing heaters			
3.1	No of supporting arms: 3 arms			
3.2	Range of Bore diameter: 20mm-180mm (vendor to note and confirm)			
3.3	Maximum weight of the bearing to support for heating : 10-20 kg.			
3.4	Temperature range of heating : 20-250 deg C			
3.5	Accuracy of temperature controls ± 2 deg C			
3.6	Input Power:220V/50 Hz: Vendor to note			
3.7	Indicate on how long it takes to heat the Maximum capacity of bearing to heat up to 110 deg centigrade			
3.8	Option like Two step power setting option (50% / 100%), to enable small bearings to be heated safely and at a lower power consumption : vendor to confirm & mention			
3.9	Thermal overheating protection to be provided to reduce the risk of damage to the induction coil/electronics, and also to the bearing to enhance reliability and safety			
4	Automatic demagnetisation to be provided to reduce the risk of ferrous debris contamination after heating			
4.1	Time control range 0 to 60 minutes			
4.2	Total weight including yokes:vendor to specify			
4.3	Dimensions: vendor to specify			

Sl.No.	Description for BHEL Requirement	Offered	Deviations	Remarks
4.4	All the standard yokes needed for heating the above said bearing bore diameters shall be supplied .vendor to specify the details such as dimensions . The cost should be include in the main equipment cost			
4.5	SPARES REQUIRED: 1.Circuit breaker 01 No 2.Temperature probe K-type including cable and plug-01 No			
4.6	The above said spares shall be extra i.e, other than those provided in/supplied with the main equipment			
4.7	The cost of the spares shall be mentioned in the price bid			
4.8	Vendor should submit the detailed catalog along with the offer			
4.9	Vendor shall offer Predispach inspection at his works before dispatching the equipment			
5	Vendor to take full responsibility for carrying out the commissioning and prove out at our BHEL works and shall provide Suitable training on all operational aspects and routine maintenance.			
5.1	GUARANTEE: The Bearing heater shall be guaranteed for satisfactory and trouble free service for at least 12 months from the date of commissioning and final acceptance. Any spare required during the guarantee period shall have to be arranged by the Vendor at free of cost.			
5.2	DOCUMENTATION: Three sets of operating instruction manuals has to be supplied for Induction type Bearing heater			
5.3	PACKING : Rigid packing to be made for all items of complete machine, all accessories and other supplied items to avoid any damage/loss in transit. When machine is dispatched in containers, all small loose items shall be suitably packed in boxes. Packing list to be provided in the box			
5.4	Delivery period to be indicated by the supplier			


B.RAMAKRISHNA
 AGM/TD


B KOTYA
 Sr.Manager/M&S-01 Shop