


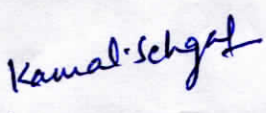


Specification No.:QC-TKS/13/01

Indent no :20135073

Sr.No	Description	Required	Offered
1.0	<b>Application:</b> The Demagnetiser is intended to be used in shop floor for fast, effective demagnetisation of turbine blades.		Vendor to comply in this format column
2.0	<b>Specific application :</b> Minimum size of blade (LxD) = 200mmx30 mm Maximum size of blade (LxD) = 500mmx200 mm Weight of blades =200gm to 25Kg Maximum Amperage of current used in magnetization = 2500A Acceptable limit of flux after demagnetization is +/- 3 gauss. Available Source supply is 415V±5%, 50Hz, (3 Phase+Earth)	Suitable machine to meet clause 2.0	
3.0	<b>General requirements</b> Testing as per ASTM E 1444 Built for mass production items duly inspected through magnetization. Coil should be water & oil proof.. It should have track & Carriage system. Length of system should not be more than 1000mm. Suited in working temperature of 05-50 deg. C System should have ON/OFF switch button for demagnetization. It should have timer for automatic off of power after demagnetization. It should be based on reversing and reducing current through coil. Indication light for demagnetization cycle ON.	Suitable machine to meet clause 3.0	
4.0	<b>General Conditions:</b> Vendors to comply that quotation covers all the items (i.e cables, Connectors, Adapters, etc.) even it is not specified in item list. The price quotation at 5.0 must be on single piece basis. Vendors to comply that they shall commission the instruments at our works. During commissioning Party should also demonstrate interfacing of instrument. The party will provide service in future if any problem arises during operation. The party will provide operation, service and trouble shooting manuals containing detailed circuit diagram. If PCB is used, Party will provide the circuit schematic required for repair. The party will quote necessary spare parts / accessories items for minimum 05 years of satisfactory operation of Equipment . The party shall provide calibration certificate of instruments and explain the calibration procedures of instrument during commissioning. The party should quote for a contract of calibration in future (for reference only). The party shall provide information regarding time cycle of demagnetization. The party shall provide details of customers containing addresses, telephone & e-mail ,model supplied, year of commissioning etc to examine the performance of instruments and also the party can demonstrate the instrument at our works. Guarantee/Warranty period of instrument should not be less than 18 months counted from date of dispatch or 12 months counted from the date of commissioning whichever is later.		

*T. K. Saha*  
(T. K. Saha,  
DGM, QC-T)

*Kamal Sehgal*  
(KAMAL SEHGAL  
Sr. Engrg, QC-T)

5.0	<b>Spares:</b>		
	Residual field indicator for checking residual flux after demagnetization.	Suitable offer to meet clause 5.0	
	Cables (if any)		
	Push button - 02 nos each type.		
	Contractor - 02 nos each type		
	Relays - 02 nos each type		
	PCB - 02 nos each type.		
	<p style="text-align: center;">             (T.K. Saha, BGM            QC-T)         </p> <p style="text-align: center;">             (KAMAL SENEGAL            Sr Engg, QC-T)         </p> <p style="text-align: center;">             (SANT KR            Sr Engg, QC-T)         </p>		<p style="text-align: center;">             P.C. SINHA            Dy. Mgr (WEP)         </p>