

No	Description	Required	Offered
1.0	Application: The Portable Compound Angle Sine Table is intended to be used in shop floor for checking of Radial Taper Angle/Ex/Ey of blades of turbines.		Vendor to comply in this column
2.0	Specific application : Used for precise measurement, setting of double directional angle of steam turbine blade.	Suitable sine table to meet clause 2.0	
3.0	General requirements		
	Sine Table should be as per IS: 5943-1970.	Suitable sine table to meet clause 3.0	
	Centre Distance between rollers is within tolerance of 0.005mm.		
	Table size: not less than 500 mm x 200 mm.		
	Table made from high quality cast iron casting conforming to grade FG220 of IS-210. Roller & slip gauge platform should be from alloy steel hardened and ground.		
	Firm hinged clamp to reduce possibility of distortion.		
	Flatness & parallelism of top surface within 0.005 mm.		
	Top of work table should be magnetic chuck with ON/OFF option and made in precision finish.		
	Slot of size Depth/Width=10/10 should be provided at middle of top surface of table.		
	Adjustable bracket shall be provided for positive clamping.		
4.0	General Condition		
	Vendors to comply that quotation covers all the items. The price quotation must be on single piece basis.		
	Vendor to provide a calculation sheet for different slip gauge vs angle of sine table.		
	The party shall provide calibration certificate of instruments traceable to national standard and explain the calibration procedures of instrument during inspection at vendor works.		
	Guarantee period of instrument should not be less than 12 months counting from date of dispatch..		
	Throughout the guarantee period, in the event of breakdown, if equipment needs any repair and needs to be taken out of the plant, the same shall be done by the vendor after providing a standby equipment.		
	Pre inspection of sine table shall be carried out by BHEL at vendor's works prior to dispatch. Vendor should give 15 days advance inspection call to BHEL for inspection.		

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5.0	Qualifying Conditions :		
	Only those OEMs or its authorised agencies who have supplied at least two number of sine table in the past ten years (counting from the date of tender opening), should quote. Quoted sine table should be of OEM's standard catalogue item.	Vendor to confirm	
	To prove the above criteria, Supplier must submit following documents/information. This is required for all vendors for qualification of their offer :-	Vendor to submit	
	Self declaration certificate (in case of OEM or subsidiary) or authorisation certificate (in case of Agent)	Vendor to submit	
	Copy of any two purchase orders received from customers.	Vendor to submit	
	Copy of invoice against above purchase order.	Vendor to submit	
	Copy of Standard catalogue detailing the quoted item.	Vendor to submit	
	Following information in excel format shall be supplied with the offer for verification by BHEL (if required) against above claim:	Vendor to submit	
	Name of the customer / company, where such machine(s) is (are) installed.	Vendor to submit	
	Complete postal address of the customer.	Vendor to submit	
	Name and designation of the contact person of the customer.	Vendor to submit	
	Phone, email address of the contact person of the customer.	Vendor to submit	
	Supplied size of table and accuracy.	Vendor to submit	
	Year of despatch	Vendor to submit	

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