

Specification of Electronic Level with Analogue Display

Sr No	Description	BHEL Specification	Vendor to Confirm	Deviation if any (Vendor to confirm)
1	Requirment/ Function	Electronic Level with Analogue display. Instruemnt required for alignment of machine tools. Vendor to quote for Electronic Level along with its storage case.	Vendor to confirm	
2	Specification			
A	Electronic Level	Make and Model to be quotd by vendor	Vendor to specify	
A-0	Qty	1 No	Vendor to confirm	
A-1	Measuring base	Prismatic base, with two square faces having V slots for Diameter 20 to 120 mm. It should be able to measure Vertical & Horizontal axes of flat & cylindrical parts accuracies.	Vendor to specify	
A-2	Material of Body	Cast Iron	Vendor to specify	
A-3	Measurment Accuracy	In two ranges of 0.01mm/m and 0.05 mm/m, which can be shifted through a pod.	Vendor to specify	
A-4	Repeatability	1 micron	Vendor to specify	
A-5	Measurment system	Inductive system measurment with gravity pendulum	Vendor to specify	
A-6	Measuring base length dimensions	200 mm to 250 mm	Vendor to confirm	
A-7	Measuring base width dimensions	45 mm to 60 mm	Vendor to confirm	
A-8	Accessories to be provided		Vendor to confirm	
A-9	Storage	Storage case to be provided	Vendor to confirm	
A-19	Maximum Weight (kilogram)	7 kg	Vendor to confirm	
			Vendor to confirm	
B-1	Battery-	AAA or AA Size batteries	Vendor to confirm	
	Regulatory			
B-2	EMC	CE EN 50081-1 / EN 50082-2	Vendor to confirm	
			Vendor to confirm	
3	Scope of Supply	Vendor has to supply the complete Set of 1 No of Electronic level, with case as specified at Point A of Specification	Vendor to confirm	
3.1		O&M user/Service-manual -4 Sets	Vendor to confirm	
3.2		Pre-Delivery inspection certificate of the Instrument by the OEM	Vendor to confirm	

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4	Warranty	The supplied equipment should have warranty of 12 Months from date of supply.	Vendor to confirm	
5	Training	Vendor has to provide atleast two day training to BHEL, Employees for operation and maintenace of system	Vendor to confirm	
	Pre qualification criteria			
6	Only OEM of Precision Electronic measuring instrument/Precesion mechanical instrument or their authorized dealer can participate in the enquiry. The Precision instrument shouls have accuracy of 5 Microns or better. Dial guages/Vernier callipers/Micrometers are NOT included in this list	Dealer has to produce valid authorization certificate along with technical bid.	Vendor to confirm	
7	Vendor has to submit 1 No of PD copy of similar item (either by OEM or by dealer) supplied in last 5 year.		Vendor to confirm	
7.1	The Performance Certificate of the supplied instrument to be provided.		Vendor to confirm	
	Note:	L1 will be decided on combined value of Electronic level with storage case	Vendor to confirm	