

Annexure A

Sl No.	item	Description	CMTI Specification	Remarks	Vendors Specification
1	Electronic level	Instrument Type (Model)	Electronic Level (Single Head)	Essential	
		Type	Digital	Essential	
		Sensitivity (Resolution)	0.2 arc sec or finer	Essential	
		Measuring Range	± 2000 arc sec or more	Essential	
		Units of measurement	arc sec / mm/m	Specify	
		Repeatability	0.4 arc sec or finer	Specify	
		Linear Error	1 % of measured value or finer	Specify	
		Length of Base	100 / 125 / 150 mm	Specify	
		Settling Time	Less than 5 sec	Specify	
		Power Supply	External power with DC adaptor / with Rechargeable batteries	Specify	
		Operating Temperature	0-40°C	Specify	
		Test Certificate	Instrument is to be supplied with calibration certificate from an Accreditation lab or from any NMI laboratory	Essential	
		Service Support	Service support with spare parts availability for a period of min Five years or more	specify	
		Acceptance Criteria	Should meet all requirements of specifications satisfactorily. Final acceptance is based on acceptance tests conducted at CMTI, Bangalore	Specify	
Supply and installation	Supply and Installation should be done at CMTI Bangalore by the trained engineers.	specify			
Training on Operation,	Training on Operation, Application and Maintenance of the equipment to be provided for about 1 man-day at CMTI, Bangalore	specify			
Operation manual	Operation & Maintenance Manuals in English (1 hard copies + 1 soft copy on CD ROM)	specify			
Warranty	Warranty of the equipment should have min 12 months including material and labor from the date of installation, commissioning and acceptance at CMTI, Bangalore.	specify			