

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

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CORRIGENDUM NOTICE NO :- 1

NIT No.: IACS-G/CSSPK/2022-23/77 Dated: 22.02.2023

SN	Details	Existing	Modified
1	Sl No. 2: Instrument Geometry	The instrument must accommodate samples sizes up to 80mm (dia) and 10mm thick	The instrument must accommodate samples sizes up to 80mm (dia) and 10mm thick or better
2	Sl No. 5: System Scanner	System includes a closed loop Z scanner with a range of 15 μ m (extendable up to 40 μ m and must be offered as an option).	System includes a closed loop Z scanner with a range of 15 μ m (extendable up to 30 μm or better and must be offered as an option).
3	Sl No. 6: Sample Stage	The SPM must have manual X, Y and Z positioning stage for coarse movement	The SPM must have manual/motorized X, Y and Z positioning stage for coarse movement
4		Sample viewing: Suitable camera system for tip/sample viewing should be included	Sample viewing: Suitable camera with objective lenses system for tip/sample viewing should be included
5	Sl No. 7: Controller, Electronics & Software Minimal requirement s	Control and analysis must be user-programmable natively in an entirely open-source software programming language.	Control and analysis must be user-programmable natively in an entirely open-source/user-friendly software programming language.
6		System must include the ability to track a changing resonance frequency during operating modes like piezoresponse force microscopy and contact resonance imaging.	System must include the ability to track a changing resonance frequency during operating modes like piezoresponse force microscopy and contact resonance imaging or equivalent.
7		The data acquisition system must be capable of recording individual image sizes of 8000x8000 pixels or greater.	The data acquisition system must be capable of recording individual image sizes of 4000x4000 pixels or greater.
8	Sl No. 7: Optional	3. Extended Z scan range upto 40 microns or more.	3. Extended Z scan range upto 30 microns or more.