<u>CORRIGENUDM – 1</u>

Tender Reference No: GTB9/BASU/2023/02/XRAYSCATSYS

Tender Name: Small Angle X-ray Scattering System

Corrigendum details: Extensiion of due Date for Bid Submission Amendment in Annexure I

Extension of Bid Submission Date

The due date for the submission of bids has been extended to 20/03/2023 @ 3 PM. The bid opening is 20/03/2023 @ 5 PM.

Amendment in Annexure I

Bidder Eligibility Criteria-I

Sl.	Orginal	Revised
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1	The bidder/OEM should have supplied and installed same LCR Meter model quoted at least 5 similar items to IITs, NITs, IISERs, CSIR Labs or other Govt. R&D organizations in the last 10 years worldwide, PO copies or installation certificates along with contact details of end user need to be submitted as the proof of supply. IIT Madras reserves its right to verify the claims submitted by the bidder	The bidder/OEM should have supplied and installed same/similar model quoted at least 5 similar items to IITs, NITs, IISERs, CSIR Labs or other Govt. R&D organizations in the last 10 years worldwide, PO copies or installation certificates along with contact details of end user need to be submitted as the proof of supply. IIT Madras reserves its right to verify the claims submitted by the bidder and the feedback from the previous customers will be
	and the feedback from the previous customers will be part of technical evaluation.	part of technical evaluation.

Point	Parameter	Old Specification	Revised Specification
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2	Flux density of	For Cu micorfocus source, the x-	For Cu micorfocus source, the x-ray
	the source	ray source must provide a flux more than 400 million ph/s at the sample in high flux setting. The	source must provide a flux more than 400 million ph/s at the sample. The supplier should be able to
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		WAXS measurements. The pixel size of the detector must be 100 x 100 square micrometer or smaller. It should be capable of collecting scattering data for scattering angle, $2 \theta = 75^{\circ}$ or higher.	measurements. The pixel size of the detector must be 100 x 100 square micrometer or smaller. It should be capable of collecting scattering data for scattering angle, $2\theta = 75^{\circ}$ or higher. A moving WAXS detector capable of scanning a larger section of the reciprocal space is preferred.
8	Grazing- incidence small angle x-ray scattering (GISAXS)	GISAXS module: Sample stage to perform GISAXS measurements with XYZ translation movement precision accuracy of +/- 1 um and angular positioning accuracy of +/- 0.001° should be offered. Omega stage, on top of Z stage (rotation around X) Ω : from -3° up to +5°, precision= 1e-4° or better.	GISAXS module: Sample stage to perform GISAXS measurements with XZ translation movement precision accuracy of +/- 1 um or better (X-ray beam is along Y direction). The possibility of rotation of the sample along RY (sample horizon alignment), RX (omega for incident angle), RZ (phi axis) should be provided. Angular positioning accuracy of the rotations should be +/- 0.002° or lower. Omega stage, Ω : from -3° up to +5°.