भारतीय ताराभौतिकी संस्थान
INDIAN INSTITUTE OF ASTROPHYSICS

(विज्ञान व प्रौद्योगिकी विभाग, भारत सरकार के अधीन स्वायत्त निकाय)

(An Autonomous Body under Department of Science and Technology, Government of India)

॥ ब्लॉक Block, कोरमंगला Koramangala, बेंगलूरु Bengaluru - 560 034

No. RFT/IND/283/23-24/ **Dated: 05.01.2024**

Corrigendum

Sub: SITC of 3D Coordinate Measuring Machine at IIA reg.

Ref: 1) GeM Bid No. GEM/2023/B/4330899 dt 13.12.2023

2) IIA Tender Enquiry No. RFT/IND/283/23-24

3) Pre-Bid meeting dated 22.12.2023.

With reference to the above, it is hereby notified that all the prospective bidders are advised to take into account the following changes with respect to technical specification before submission of their bids against the above tender. This Corrigendum will form integral part of tender.

Sl. No.	Clause No. as per RFP	FOR	Read as below
1	3.1	Measuring Range X-axis : 700 mm Y-axis : 700 mm Z-axis : 600 mm	Measuring Range X-axis : 700 mm +/-100mm Y-axis : 700 mm +/-100mm Z-axis : 600 mm +/-100mm
2	3.5	Measuring Uncertainty MPE_E = 1.8+ L/350 µm or better	≤2 (Base) + L/300 µm or better
		MPE_P = ≤1.8 µm	≤2 µm
		MPE_THP = 3.0 in 50 sec or less.	3.5 in 50 sec or less
3	4.2	Main Features: f. It should be possible to vary the speed of movement of the axes from 0 to 70 mm per second. CNC speed upto 250 mm/sec	It should be possible to vary the speed of movement of the axes from 0 to 70 mm per second. CNC speed of 250 mm/sec or faster
4	4.4	Measuring System: High Precision glass ceramic scales of reflected light system. The scales should not be rigidly fixed or glued to the guide to avoid distortion due to temperature gradient.	High precision Glass ceramic or any other suitable material scales having minimum thermal expansion coefficient. Preferably, scales should not be rigidly fixed or glued to the guideways to avoid distortion due to temperature gradient
5	5.1.1	Indexing Mechanism : The machine should also have facility to use INDEXING mechanism with a step of 2.5° and should able to rotate +/- 180 degrees in A & B axes. Suitable catalogue should be attached for the same.	The machine should have an indexing mechanism / probe head with a step of 2.5° or Less and should be able to rotate at +/- 180° in one axis & +/- 105° minimum in another axis.
6	5.1.2.3	The said sensor should be able to carry Styli up to 150 mm length	≥100mm

7	5.2	Optional Non Contact Laser Sensor Laser Class: 2M 50 mm min Measuring range 94 mm min Working distance Probing error as per ISO 10360-8; PF(OT) : 20 µm or better	Class:2 Measuring Range ≥ 40mm(MFOV) Working distance 100 to180mm or more Probing Form Error ≤25 µm
8	7.3	Software for measuring Known / Unknown 2D / 3D curves . f. Import of Curve data from CAD systems in various formats: VDA, ASCII,& DXF formats. g. Export of Curve data in VDA and ASCII format.	f. Import of Curve data from CAD systems in various formats: ASCII,& DXF formats g. Export of Curve data in ASCII format or any graphical format
9	10	Bidding Requirements e. All important items such as probe head / controller / software etc., should be supplied from the same manufacturer.	All-important parts such as probe head / controller / software etc., should be of a reputed manufacturer.

Note: The bidders are requested to sign and stamp this corrigendum and attach with the technical bid as a token of acceptance.

2. Last date for submission of "Tender" is extended upto 20.01.2024 at 04.00 PM.

3. Other terms and conditions are remain same.

(K.P. Vishnu Vardhan)
Sr. Stores and Purchase Officer