Corrigendum No 1

This is with reference to the Pre-Bid Meeting held on 31/07/2019 at 3.30 pm in the CCMT Room, NITK Surathkal for **Metal 3D Printer Tender (Notification No: NITK/CRF/M3D/04 Dated: 09/07/2019; Tender ID: 2019_NITK_455468_1.** The prospective bidders may kindly note the following corrections in the tender document:

Sl. No.	Original Terms and Conditions/Specifications	Revised Terms and Conditions/Specifications
1.	**Page 1: Time for Supply of item** Four months after release of Purchase order	*Six months* after release of Purchase order
2.	**Page:26/Annexure H/Clause 3/Point No 1** • Laser Type: Solid state fiber laser	• *Laser type: Solid State fiber Laser/ Solid state disc coupled fiber laser*
3.	**Page:27/Annexure H/Clause 8/Point No 1** • Machine should have 5-Axis capability (X, Y, Z, Rotary and Tilt)	• *Machine should have 5-Axis capability (Three linear axes and two rotary axes)* • *Vendors are encouraged to clearly define the axes*
4.	**Page:28/Annexure H/Clause 12** • The machine should include a Computer Aided Manufacturing (CAM) or a Slicing software package. • The software package should have capability to generate deposition path for each layer • The software should be able to generate optimized tool paths for repair • Software should have the capability to generate tool paths for all deposition strategies (Forward, reverse, circular, chess board, zig-zag, user-defined, etc.,) • Slicing software for Functionally Graded Materials (FGM's) must be included • Laser, workstation, controller and CAM software should be compatible to each other with seamless information, data and signal transfer • The software license should be perpetual in nature with maintenance and upgradation for atleast 5 years	• *The machine should include a Computer Aided Manufacturing (CAM) or a Slicing software package.* • *The software package should have capability to generate deposition path for each layer* • *Software should have the capability to generate tool paths for all deposition strategies (Forward, reverse, circular, chess board, zig-zag, user-defined, etc.,)* • *Laser, workstation, controller and CAM software should be compatible to each other with seamless information, data and signal transfer* • *The software license should be perpetual in nature with maintenance and upgradation for atleast 5 years*

5.	**Page:29/Annexure H/Clause 21/Point No. 3**	
	• The system should be supplied with all accessories including sieving system, feeding system, industrial grade vacuum cleaner, fixtures for holding non-symmetrical parts, storage for powder, Hall's cup	• ***The system should be supplied with all accessories including sieving system, feeding system, industrial grade vacuum cleaner, fixtures for holding parts, storage for powder, Hall Flowmeter***
6.	**Page:30/Annexure H/Clause 22**	
	• Operation Voltage: 3-phase, 415 V ± 10% • Frequency : 50 Hz ± 3% • Operating Temperature Range : +15 to 40 ºC • Humidity (Ambient Temperature range < 40 ºC) : 10 to 90%	• Operation Voltage: 3-phase, 415 V ± 10% • Frequency : 50 Hz ± 3% • Operating Temperature Range : +15 to 40 ºC • Humidity (Ambient Temperature range < 40 ºC) : 10 to 90% • ***For differences in electrical and ambient condition requirements, suitable arrangements for uninterrupted functioning of the metal 3D printer carried out by the vendor will be accepted"***

The last date for bid submission, in view of the corrigendum is now extended. Bids must reach the address given in the bid document by **5.00PM on or before September 4, 2019 (Wednesday).**

Bid opening date(tentative)   : 09/09/2019 @ 3.30 p.m.

Sd/-
Buyer
(Dr. Srikanth Bontha)

Sd/-
Chairman
Central Research Facility
NITK   Surathkal