भारतीय प्रौद्योगिकी संस्थान भिलाई
जी.ई.सी. कैंपस, सेजबहार, रायपुर - ४९२०१५
छत्तीसगढ़, भारत
Indian Institute of Technology Bhilai
G.E.C. Campus, Sejbahar, Raipur - 492015
Chhattisgarh, India

IITBh/Goods/Phy/2019-20/173

Date: 17.12.2019

CORRIGENDUM-1

It is notified to all concerned parties that with reference to our Tender No. IITBh/Goods/Phy/2019-20/173 dated 06.12.2019 for the "**Supply and Installation of Confocal Raman Microscopy at IIT Bhilai**", the following changes have been made in the tender document:

SECTION-II: ADDITIONAL INSTRUCTIONS TO BIDDERS (AITBs)

Existing criteria as given in the tender	Revised criteria
(a) Delivery: The items be supplied and installed within 5 weeks from the date of receipt of the Purchase Order.	(a) Delivery: The items be supplied and installed within 10 weeks from the date of receipt of the Purchase Order.

SECTION – V: SCHEDULE OF REQUIREMENTS

Existing criteria as given in the tender	Revised criteria
Confocal Microscope: Sample stage: 100 mm x 75 mm in X and Y directions, 25 mm in Z direction are minimum dimensions.	Confocal Microscope: Sample stage with motorization: 50 mm x 50 mm in X and Y directions, 25 mm in Z direction are minimum dimensions.
Raman mapping system: Step size XY(nm): 50 nm step is the minimum; Repeatability XY (nm): 0.02% or better; Step size Z (nm): 10 nm or better; Repeatability Z (nm): 0.01%	Raman mapping system: Step size XY(nm): 100 nm step is the minimum, however, better is highly encouraged; Repeatability XY (nm): 0.02% or better; Step size Z (nm): 10 nm or better; Repeatability Z (nm): 0.01%
LASER: The life-time of the laser shouldn't be less than 10,000 hours at the time of installation.	LASER: The life-time of the laser shouldn't be less than 10,000 hours at the time of installation, or the warranty for the whole system including laser shouldn't be less than 3 years.
Controller: A single controller should be capable of integrating multiple spectrometers. The controller should be able to accommodate Atomic Force Microscope and Scanning Near-Field Optical Microscopy.	Controller: A single controller should be capable of integrating multiple spectrometers. The controller should be able to accommodate Atomic Force Microscope (AFM) and Scanning Near Field Optical Microscopy (SNOM). If a single controller is not possible, the supplier must give the list of research grade compatible and incompatible AFM and SNOM manufacturers (along with model numbers) with their Raman system. This information enables the evaluation of

	the confocal Raman system by the committee.
Optional abilities: 1. Capability to integrated Fluorescence Lifetime Imaging (FLIM) and Total Internal Reflection Microscopy (TIRF) on the same electronics 2. Capability to integrated optical profilometry on the same electronics, thereby making a system for correlated microscopy.	Optional abilities: 1. Capability to integrated Fluorescence Lifetime Imaging (FLIM) and Total Internal Reflection Microscopy (TIRF) on the same electronics. If integration on the same electrons is not possible, then the supplier must give us the list of compatible and incompatible research grade manufacturers (along with model numbers) that deal with FLIM and TIRF. This information enables the evaluation of the confocal Raman system by the committee. 2. Capability to integrated optical profilometry on the same electronics, thereby making a system for correlated microscopy. If integration on the same electrons is not possible, then the supplier must give us the list of compatible and incompatible research grade manufacturers that deal with FLIM and TIRF. This information enables the evaluation of the confocal Raman system by the committee.

All other terms and conditions mentioned in the Notice Inviting Tender shall remain unchanged.

13/2/2011

Deputy Registrar
Administration