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Department of Physics

Corrigendum-1

Tender Reference no: PHY/2021/IOE/COE/026/SPECTRO

Name of the Item: Micro-Raman/Photoluminescence spectrometer compatible to be integrated with cryogenic temperature stages (Liquid Nitrogen and up to 3.2K)

Corrigendum details: Changes in technical specification.

Changes in technical specification:

(1) Point 1.1 should be read as:

Mainframe should be able to support multiple lasers (at least up to 4 or more) and detection ports (at least 3 or more) and related optics. At least one detector port (which is not dedicated for RAMAN detection) should provide output (collimated output preferred) of emitted luminescence and reflected laser light to enable customized measurements. The choice of output port should be computer controlled by the user.

(2) Point 2.2 should be read as:

For 405 nm = up to 30 mW or more

(3) Point 3.6 should be read as:

User should be able to control the power up to at least 9 levels (or more) from 0.01% to maximum laser power through computer interface.

(4) Point 4.3 should be read as:

Quantum efficiency (QE) greater than 40 % (in the range of 530 nm – 850 nm).

(5) Point 6.4 should be read as:

It should have a high resolution digital colour camera for sample visualization in white light. User should be able to view the sample through binocular eyepieces. Safety feature to avoid accidental LASER exposure through the eyepieces should be provided.

(6) Point 7 should read as:

Low temperature cryostat (Operating at liquid Nitrogen temperatures

Tender Inviting Authority:

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