CORRIGENDUM FOR THE SUPPLY, INSTALLATION, COMMISSIONING & TESTING OF LASER RAMAN SPECTROMETER.
Ref: NCPOR/PS/HSS-336/GT-06

Sl No	Technical Specifications	**Revised Technical Specifications**
3	Spectral resolution: Better than 0.5 cm^{-1} (FWHM) or 0.5 cm-1 per pixel.	Spectral resolution: ≤0.6cm^{-1} or better.
5	Scan to Scan repeatability 0.01 cm^{-1} or better	Scan to Scan repeatability 0.1cm^{-1} or better
6.	Microscope enclosure (Class 3B) for open lab operation	Microscope enclosure (Class 3B) for open lab operation is required if offered system is not completely integrated system.
11	The spectrometer should be fitted with software controlled neutral density filters offering 10 or more different power levels from 0.0005% to 100%	The spectrometer should be fitted with software controlled neutral density filters offering 9 or more different power levels from 0% to 100%
12	Built-in two calibration sources: Silicon and Neon/Ar light source for auto validation, auto calibration and intensity correction. Motorized switching between laser and white light sample images using integral video. The intensity of white light should be software controlled. Additionally, Pure Silicon reference sample as standard.	Built-in calibration sources and/or external calibrated silicon cell: Silicon and/or Neon/Ar light source for auto validation, auto calibration and intensity correction. Motorized switching between laser and white light sample images using integral video. The intensity of white light should be software controlled.
20	A multichannel Charge coupled device (CCD) detector: High efficiency thermoelectrically cooled CCD: A fully automated multichannel detector suitable for Raman measurements with 1024 x 256 pixels, Pixel Size: 26 µ x 26 µ, Peltier cooled to: -70°C or better, Peak Quantum efficiency better than 40%	A multichannel Charge coupled device (CCD) detector: High efficiency thermoelectrically cooled CCD: A fully automated multichannel detector suitable for Raman measurements with 1024 x 256 pixels, Pixel Size: 26 µ x 26 µ, Peltier cooled to: -55°C or better, Peak Quantum efficiency better than 40%
26.	Desktop with following specification; Intel core i9 processor, 2.0 GHz or more, 24″or more LCD/TFT Dual Monitor, 1TB HDD, DVD Read/Write, 16GB RAM, 4USB Port or higher [85] configuration, Graphics card for 3D viewing for use with the above system to be provided. Windows-10	Intel core i7 processor or better, 2.0 GHz or more, 24″or more LCD/TFT Dual Monitor, 1TB HDD or more, Minimum 16GB RAM, USB Port, Graphics card. Windows-10 operating system (64-bit) or better and MS office latest version with license.

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29.	Three years comprehensive onsite warranty should be offered for the entire offered configuration of Raman spectrometer and all attachments and accessories (like computers, printers, microscopes, UPS, heating-cooling system, Filters etc.) from the successful commissioning and installation of the equipment.	Three years comprehensive onsite warranty should be offered for the entire offered configuration of Raman spectrometer and all attachments and accessories (like computers, printers, microscopes, UPS, heating-cooling system, Filters etc.) from the successful commissioning and installation of the equipment. One year warranty for Laser.