

Minutes of technical committee meeting for E-Tender No.NC-000060-12-R&D-NIS-5.03-0100-19-20 (Item name)

S.No	Item	M/S New Age Instruments & Materials Pvt.Ltd.	M/S Vision Technologies
	Tender specifications		
1	<p><u>Thermal detector (TPD-01)</u> Wavelength range: 250 nm – 10 μm Power range: ≤ 1.0 mW and ≥ 50.0 W Optical Energy measurements: ≤ 30 mJ to ≥ 2J Power density measurements: >1 kW/cm² Cooling: Convection or air cooled Aperture: >15 mm Operation: manual and suitable connection to power meter must be provided</p>	Complied	Complied
2	<p><u>Photodiode detector (TPD-02)</u> Wavelength range: 350nm to >1100nm Power range: < 5 nW to ≥ 3.0 W Pulse energy: 1.0 μJ to ≥ 400 μJ Power density measurements: ≥ 10 W/cm² Cooling: Convection or air cooled Aperture: ≥ 10 mm × 10 mm Response Time : 0.2 s Operation: manual and suitable connection to power meter must be provided</p>	Complied	Complied

Pitnick Des

3	<u>Infrared photodiode detector (IPD-02)</u> Wavelength range: 700 nm to ≥ 1800 nm Power range: 50 μ W to ≥ 1 W Power density measurements: ≥ 1 kW/cm ² Cooling: convection Aperture: >10mm Response Time : 0.2 s Operation: manual and suitable connection to power meter must be provided	Complied	Complied
4	<u>Ultrafast photodetector (UPD-01)</u> Wavelength range: 170 nm to ≥ 1100 nm Rise time: <200 ps Bandwidth(GHz): >2.0 Sensitive Area(Dia. μ m /mm ²) : 400 / 0.2 Material: Diffuse, quartz RF Output Connector Type: BNC	Complied	Complied
5	<u>Ultrafast photodetector (UPD-02)</u> Wavelength range: 800 nm to ≥ 2000 nm Rise time: <200 ps Bandwidth(GHz): >1.0 Sensitive Area(Dia. μ m /mm ²) : 300 / 0.1 Material: Polished, glass RF Output Connector Type: BNC	Complied	Complied

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6	<p>Power meters (7Z01560) Compatible with detector heads TPD-01, TPD-02 and IPD-02 mentioned above Appropriately calibrated USB 2.0 or RS232 interface with PC, including cable and software Data logging rate: > 500 Hz Non-volatile memory for data logging: 50 KB or more TFT screen for display with backlighting Rechargeable battery back-up Finite memory for data recording</p>	Complied	Complied
7	<p>Warranty: 01 year OEM Warranty</p>	Complied	Complied

Fitzrich Des

Technical Recommendation: Both the parties are technically qualified.

Members of the technical (purchase) committee for School of Physical Sciences

Tutnick Del
Indentor

Ad
Member #1

Member#2

Hear 03/10/19
Member #3

Tutnick Del
Member #4

Sh
Member#5

Amchapt
Chairperson, SPS