



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
Powai, Mumbai - 400076

Dated: 23.06.2022

Corrigendum – I

For PR No. 1000026334 - Add-on components for existing TCSPC
(Upgrade of existing TCSPC Lifetime facility for NIR Range)

Sr. No.	Technical specification clause	Previous Clause	Changed Clause
1	Technical specification – Point no. 3 (a) to (f)	3. NIR photomultiplier (a) Wavelength range 950-1700 nm (b) Transit time spread ~ 500ps or shorter (c) Darkcounts < 300kcps (d) Air-cooled housing with power supply and optics (e) CFD-2G-B close-coupled GHz amplifier (f) Discriminator and all needed cables	3. NIR SINGLE PHOTON DETECTOR (a) Wavelength range 900 nm to 1700 nm (b) Deadtime 2 μ s to 100 μ s, in 1 μ s steps (c) Output pulses LVTTTL, 100 ns width (d) Optical coupling Optical fibre (SMF or MMF62.5) (e) Efficiency range (1) calibrated at $\lambda = 1550$ nm 10%, 15%, 20%, 25% (f) Timing jitter at 25% efficiency level Maximum 200 ps (150 ps typical)


Assistant Registrar (MM)
23/06/22
Devender