

IISER/PUR/0897/RP-P/SP/25-26

Date:01 Apr.2026

RETENDER CORRIGENDUM-I

Sub: Supply Installation and Commissioning of Pair of Single Photonic Counting Module and time tagger

Ref: Tender ID: 2025_IISRT_878238_1

1. Since both the bids are technically not qualified, the above mentioned tender is re-tendered with revised technical specification at Annexure 1.
2. The due date and date of opening will be as follows:-
Due Date: 16 April 2026 1500 Hrs
Date of opening: 17April 2026 1530 Hrs
3. All other Terms and Conditions remain the same. Bidders may quote accordingly

Thanking You,

Yours Faithfully

Amar Sadath
11/4/26

Assistant Registrar (P&S)



Annexure 1 to tender No. IISER/PUR/0897/RP-P/SP/25-26

S.No	Item	Tender Specifications
1	Time Tagger	i) Four input channels ii) Typical operating RMS Jitter time performance ≤ 8 ps iii) Typical operating Full-width at half-maximum jitter performance: < 20 ps iv) Digital resolution: ≤ 1.2 ps v) Dead time < 2.2 ns vi) Data transfer rate ≥ 85 Mtags/sec vii) Input voltage range: -3V to 3V viii) Input impedance: 50 Ohm ix) Maximum input frequency ≥ 450 MHz x) Minimum pulse height < 102 mV xi) Software control, time-stamping, histogramming and programming, g2 measurement, coincident and accidental counts xii) The software should allow extraction and plotting of coincident to accidental ratio, g2 plot from measured data xiii) Input signal range: -3.0V to 3.0V xiv) SMA type output connector xv) Data interface: USB 3.0 Optional: 1. Option for upgrading to more than 4 channels 2. Computer and accessories to run the software 3. Additional warranty for 1 year
2	Pair of Single Photon Detectors for measurement of two independent photon channels	i) Wavelength range: 600-900nm ii) Detection efficiency $\geq 65\%$ at 780nm iii) Output count rate before saturation ≥ 10 Mc/s iv) Maximum Dark counts rate < 150 cps v) Dead time ≤ 22 ns vi) After pulsing probability $\leq 3\%$ vii) FC/APC or FC/PC fiber connector type viii) SMA connector for output ix) Output pulse height > 2 V x) Output pulse width ≥ 1 0ns xi) Warranty: 1 year Optional: Additional warranty for 1 year

Specifications for the computer to run the Time Tagger software:

Item	Specifications
A computer and monitor for operating the time tagger in the quantum studies setup.	1. Processor: Intel® Core™ i7 gen or better 2. Operating System : Windows 11 Pro or better 3. Memory (RAM): 16 GB (preferably with scope for future expansion) 4. Hard-disk Storage: 512 GB SSD with option for future extension 5. Monitor: 24 Inch HD 6. Accessories: Keyboard, Mouse, etc. 7. USB ports

Note: Self- assembled computers are not acceptable



Anwar Sadath
1/4/26