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17.02.2021

Department of Physics

Corrigendum-3

Tender Reference no: PHY/2021/009/STORES/SSRK

Name of the Item: Single Photon Counting Module

Corrigendum details: Changes in the technical Specification & Extension of bid submission date

Changes in the technical Specification:

Sr. no.	Specification	Value
1	Coupling	Fiber coupled
2	No. of Channels	4 or greater
3	Active area	Greater than or equal to 160 μm
4	Peak photon detection efficiency (PD) @ 650nm	$>60\%$
5	Wavelength range	400 – 1060 nm or greater in range
6	Maximum count rate, continuous (per channel)	$\geq 2\text{Mc/s}$
7	Case operating temperature (heat sink)	$5 - 40^\circ\text{C}$
8	Dark count per channel	Less than or equal to 500 cps
9	Average dark count variation at constant temperature	$\pm 10\%$ or lesser
10	Average dark count variation at given temperature range	$\pm 20\%$ or lesser
11	Output pulse width	20 – 30 ns

12	Dead time	Less than or equal to 50 ns
13	Single photon timing resolution per channel	600 ± 50 ps
14	Linearity correction factor @ 1.5 Mc/s	≤ 1.20
15	Gating turn on delay before first edge of true output pulse	≤ 75 ns
16	Gating turn-off delay for minimum last output pulse	≤ 15 ns

Please provide a clear warranty statement for 1 years

Extension of Bid Submission Date:

The due date for the submission of bids has been extended to 24/02/2021 @ 5 PM & the technical bid opening is 25/02/2021 @ 3 PM.

Tender Inviting Authority:

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