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Request for Quotation

UH/PHY/SERB/SRG/RRY/2020/04

February 13, 2020
Hyderabad, India

Dear Sir/Madam,

You are requested to send a quotation for **Single Photon Counting Module** along with relevant technical details on or before **24-02-2020, 5 PM**. In the technical specifications column, some of the essential features of the item are specified.

| S.N. | Item Name | Qty. | Technical specifications |
|------|-------------------------------|------|---|
| 1 | Single Photon Counting Module | 2 | Supply voltage: 4.75 V(Min), 5.0 V(Typ), 5.25 V(Max) Supply Current: 0.4A(Typ), 1.2 A(Max) Power cable total resistance : 0.1 Ω (Typ), 0.2 Ω (Max) Case operating temperature: 5°C (Min), 70°C (Max) Active area (diameter) at minimum PDE: 170 μm (Min), 180 μm (Typ) Photon detection efficiency (PDE) without FC Adaptor: @400nm: 2-5%, @650nm: 50-65%, @830 nm: 35-45%, @1060nm: 1-2% Output pulse width: 10 ns Dark Count: ≤ 100 cps Dead time: 22 ns Output pulse height: 2.2 V FC-PC adaptor Average dark count variation at constant case temperature (6 hrs. at 25°C): $\pm 1 \sigma$ Variation of average dark count rate at 5°C to 70°C case temperature for: $\pm 2 \sigma$ Single photon timing resolution (@825nm): 350 ps Output count rate before saturation: 12 Mc/s (Min), 37 Mc/s (Max) Threshold setting required on counter for digital output pulse (terminate in 50 Ω): 1.0 V |

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|--|--|---|
| | | Power Supply should be Included with following specifications: +5 V power connector is a standard barrel connector (2.5 mm I.D., 5.5 mm O.D) with an 18 AWG cable DC output voltage: 5 V, 2.0 A Drift: 20 mV max Leakage current: 0.75 mA max |
|--|--|---|

Send quotations with a validity of 90 days

Terms and Conditions:

1. Sealed Quotation should reach the undersigned on or before **24-02-2020, 5.00 PM** and should be addressed to the undersigned. Quotation should be submitted on your letter head with all the details of contacts, addresses and company registration.
2. Any technical clarification needed should be sought, for before the submission of a formal quotation.
3. Quotation from India must explicitly show all taxes and estimated freight, insurance charges till the delivery of items.
4. Quotations from abroad should be in the form of PROFORMA INVOICE and must include CIF (Hyderabad, India)
5. University of Hyderabad is exempt from certain taxes which will be informed at the time of the order.
6. If a quotation is not from the original manufacturer, then the name and address of the manufacturer/supplier must be mentioned and a letter of authorization from the original manufacture/supplier must be enclosed indicating that the Indian representative is authorized to quote on their behalf.
7. Quotation must be valid for a minimum of 90 days.
8. If the items offered are proprietary in nature, a certificate to that effect may be attached.
9. All bank charges and LC charges outside India have to be borne by the supplier.
10. The purchase will be governed by the purchase rules of the University of Hyderabad, India as given in the university website www.uohyd.ernet.in.

11. Delivery period, payment terms, guarantee/warranty and any other purchase terms/conditions must be explicitly mentioned in the quotation.
12. Please extend the maximum discount while preparing the quotation as the University is an educational institution of higher learning and research.
13. Any clarification, if needed, may be obtained from Dr. Ramachandrarao Yalla by sending an email to him before the quotation is mailed. (only written queries will be entertained).
14. Quotations must reach the following address on/before **24-02-2020, 5.00 PM**

Dr. Ramachandrarao Yalla

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15. The University of Hyderabad reserves the right to reject any/all quotations or accept any offer part thereof without giving any reasons. The decision of the University of Hyderabad in this matter will be final.