



**Society for Electronic Transactions and Security
(SETS), MGR Knowledge City, CIT Campus,
Taramani, Chennai – 113.**

E-mail: murali@setsindia.net, purchase@setsindia.net

Website: www.setsindia.in

Ref.No. SETS/39/PUR/FY25-26/SINGLE PHOTO DETECTOR

02.12.2025

QUOTATION CALL NOTICE

Sealed quotations are invited under the **Single Stage Two-Bid System** from **empanelled vendors with SETS** for the Procurement of the item mentioned below.

Last Date & Time for Submission of Quotation: 23.12.2025 at 13:00 PM

Assistant (Purchase Officer)

Addendum for Quotation Call Notice

1	Quotation Call Notice (QCN) No.	:	SETS/39/PUR/FY25-26/SINGLE PHOTON DETECTOR, Dated: 02-12-2025
2	QCN Document Issue Date	:	02-12-2025
3	Last Date & Time for Receipt of Quotation	:	23-12-2025, 13:00 PM
4	Date & Time of Opening of Sealed Quotation	:	23-12-2025, 15:00 PM
5	Description of Item	:	Supply & Installation of Single Photon Detector
6	Validity of Offer	:	90 days from the date of opening
7	Estimated Value of QCN	:	Approx. Rs. 25,87,956/-
8	Security Deposit (for finalized vendor only)	:	Rs. 77,639/- (3% of QCN Value) – Refundable after warranty period
9	Address for Submission	:	The Assistant (Purchase Officer) Society for Electronic Transactions and Security (SETS), MGR Knowledge City, CIT Campus, Taramani, Chennai – 600 113.

1. Specifications:

- Society for Electronic Transactions and Security (SETS) has Requirement for Single photon detector. In this regard, quotations are invited from the authorized dealers / suppliers / OEM.

Description of Requirement	Quantity (in Nos)
Single Photon Detector (Details Specification available Annexure-I)	One (1 No)

- For any clarification, please write mail to murali@setsindia.net can be contacted at Ph: 044-6632 505 within due time of the tender.

2. Delivery Terms

- **Vendors must submit quotations** covering all specifications mentioned in **Annexure-I**. The item must be readily available **with the vendor**.
- **Delivery must be completed** within four (4) weeks **from the date of Purchase Order**.
- **Delay will attract a penalty of 0.5% per week, up to a maximum of 10% of order value.**
- **SETS decision will be final and binding.**
- **You are requested to kindly indicate the expected delivery period for the supply.**

3. Payment Terms

- **No advance / part payment** will be made.
- Payment will be made through **NEFT within 10 working days** from the date of receipt of Invoice at SETS, subject to certification of successful delivery/installation.
- The invoice must contain:
- SETS GST No.: **33AACT56338P1ZY**
- Relevant Purchase Order (PO) Number

4. Cover-I: Technical Bid – Document Requirements

- (Under Single Stage Two-Bid System)
- The bidder must submit the following documents inside Cover-I (Technical Bid):

4.1 Experience Criteria

- Work Orders and Completion Certificates for similar works completed in the past three (3) years, amounting to at least 50% of the estimated value.

4.2 Past Performance

- Performance Certificates for similar items supplied to:
- Government Departments
- PSUs
- Reputed private organizations

4.3 Bidder Turnover

- Audited Balance Sheet & Profit & Loss Statement for the last **three financial years**, duly certified by a Chartered Accountant.

4.4 OEM Certificate

- The bidder shall submit a **valid and current OEM Authorization Certificate** for the **offered model**, issued by the Original Equipment Manufacturer.
- The certificate must clearly mention the **model name, authorization validity, and bidder's firm name**.

4.5 Product Specification

- The bidder shall provide a **detailed compliance statement** covering all technical specifications listed in **Annexure-I**.
 - The compliance statement prescribed in Annexure-I must be prepared on the bidder's official letterhead and duly signed and stamped by the authorized signatory.
 - Each specification parameter must clearly indicate "**Complied / Not Complied**" with supporting technical literature wherever applicable.
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5. Cover-II: Price Bid – Document Requirements (Annexure- A)

- The bidder shall submit the following inside Cover-II (Price Bid):

5.1 Price Bid / BoQ

- Duly filled-in **Annexure-II**.

5.2 All-Inclusive Price

- Prices must include all charges such as:
- Taxes
- Duties
- Installation
- Transportation, etc.

5.3 No Conditions

- The price bid shall enclose their specifications as mentioned in Annexure-I.
- No overwriting/corrections/deviations permitted.

5.4 Price Validity

- Prices must remain valid for the period specified.

5.5 Signing and Sealing

- The Price Bid must be **signed and stamped** by the authorized signatory.

6. Submission of Quotation

6.1 Quotations must be submitted in sealed cover at the Purchase Section, SETS, on or before 23.12.2025, 13:00 PM.

6.2 SETS reserves the right to extend the quotation submission deadline at its discretion.

6.3 Quotations received after the prescribed date and time may not be considered for evaluation.

6.4 The quoted rates shall be inclusive of delivery charges **to SETS but** exclusive of applicable GST.

6.5 The quoted rates must remain valid for 90 days **from the last date of** submission.

6.6 Vendors may submit quotations as mentioned for Annexure-I, provided the items are readily available with them.

6.7 Submission of the following documents is mandatory **under** Cover-I (Technical Bid).

Quotations without these documents will not be considered:

- Experience Criteria
- Past Performance
- Bidder Turnover (Audited Financials)
- OEM Authorization Certificate
- Product Specification Compliance Statement

7. Evaluation of Quotations

- Evaluation will be based on:
 - (a) Technical Specifications
 - (b) Reasonability of Price
 - (c) Delivery Period
- SETS may accept the quotation of the vendor whose price is lowest among technically compliant offers and suitable to SETS requirements.


Asst Purchase Officer
SETS

Detailed specification for Single Photon Detector

Particulars	Required specification	Offered specification
Model	ID Qube Series NIR Gated	
OEM (make)	ID Quantique	
Part No.	ID Qube-NIR-GAT-MMF-LN	
Wavelength Range	900-1700 nm	
Max. Photon Detection Efficiency	35 %	
Max. Timing jitter	200 ps	
Max Dark Counting Rate @ PDE	6000 c/s @ 25% (Low Noise Model)	
Dead Time Range	100 ns to 80 μ s, in 100 ns steps	
Operation Mode Supported	Gated and Free-running	
Max. Gating frequency	100 MHz	
Min. Gate Pulse Width	3 ns	
Output Pulse Format	LVTTL or NIM	
Output Pulse Width	10 ns	
Operating Temperature Range	10-350C	
Power Supply	100-240 VAC ; 1.4 A ; 50-60 Hz	
Dimensions (W x H x L)	95 mm x 95 mm x 95 mm	
Warranty		
Delivery period		

Format for Submission of Quotation
(Should be printed on letter head and duly signed by the Vendor)

To

The Assistant (Purchase Officer)
Society for Electronic Transactions and Security (SETS),
MGR Knowledge City,
CIT Campus, Taramani,
Chennai – 113.

Sub: Submission of quotation for supply and installation of Single photon detector -
Reg

Ref: SETS QCN with ref.no: SETS/39/PUR/FY25-26/Single photon detector, Dated:
02-12-2025.

S.NO	Description of Items	Quantity (in Nos.)	Rate per Unit	Total Amount in INR
1	<u>Single Photon Detector</u>	ONE		
	SUB Total			
	GST 18%			
Total Amount (Inclusive of GST)				
Total Amount in words:				

Statement of Declaration

I/We hereby declare that we have read and agreed for terms & conditions in the referred QCN and acknowledge that the above materials which are quoted by me will be delivered within the specified time as per QCN once after placing the order. I / We are authorised dealer / seller of and enclosed copy of in support of the same along with this quotation.

Signature with Seal
Designation:
Name & Contact No:

