

**Global Tender Notification for the procurement of “Time
Correlated Single-photon counting System Model” at the Indian
Institute of Science, Bangalore**

(Last date of submission of tenders: 06-January-2022)

GTE APPROVAL NO: IISc-GTE-2021-108

Date: 07.12.2021

Dear Sir/Madam:

Please send your quotation valid for 90 days for the supply of equipment described below. Your quotation should clearly indicate the terms and conditions of the quotations, delivery, delivery schedule, entry tax, payment terms, warranty coverage etc. The tender should be submitted in two separate sealed envelopes – one containing the “**Technical bid**” and other containing the “**Commercial bid**”, both of which should be duly signed and must reach the undersigned **on or before 17:00 hours 10-Sept-2021**.

**Dr. Asha Bhardwaj, Assistant Professor
Instrumentation and Applied Physics
Indian Institute of Science
Bangalore – 560 012
Karnataka, India**

Section 1: Bid Schedule

1.	Tender No	
2.	Tender date	07 Dec, 2021
3.	Instrument	TCSPC System Model
4.	Tender type	i) Technical bid (part A) ii) Commercial bid (part B)
5.	Place of tender submission	The Chairman Instrumentation and Applied Physics Indian Institute of Science (IISc) Bengaluru, India – 560012 Kind attention: Dr. Asha Bhardwaj
6.	Last date and time of tender submission	06 Jan 2022, 17:00 hours

Section 2 - Technical Specification for Specialty Fiber – Photonic crystal fiber

Technical Specification	Value/range
Modular F-link based optical system for lifetimes measurement with coupling for one Time Domain Emission monochromator	L-format motorised optics (UV-grade fused silica) with filter holders, Baseplate size: 695 x 368 mm Analysis software
Time domain Monochromator including motorized wavelength, slit control, safety shutter	200-850 nm, Blazed at 450 nm
High throughput TCSPC Controller module with acquisition control software	Lifetime measurable: 25 ps to 1 s Subject to light source and detector
Source	Pulsed LED with peak wavelength 290 nm +/- 10nm and/or 350 nm +/- 10 nm

Benchtop controller for LED sources with drive cable, adjustment tools (lens and gain), interlock plug, software, keys (2), and IEC power cord	
Picosecond photon detection module	Photomultiplier with 230-850 nm response dark counts < 200 cps Regulated high voltage bias, pre-amplifier, and discriminator with NIM and TTL compatible outputs
Quartz Fluorescence cell with PTFE stopper	Path length -10mm (3.5 ml) Quantity-2
Accessories	Power Supply, Front surface sample holder for use with solid or highly scattering samples

Section 3- Terms and Conditions:

1. All documentations in the tender should be in English.
2. Tender should be submitted in two envelopes (two bid system).
 - a) **Technical Bid (Part-A)** – Technical bid consisting of all technical details and check list for conformance to technical specifications. The proposal should contain a compliance table with 4 columns in addition to the ones in the technical requirements table that has been included with this RFQ above. The compliance table should include all the items in the same order and format. The first column should describe your compliance in a “Yes” or “No” response. If “No” the second column should state, the extent of deviation. The “third” column should state the reasons for the deviation if any. The fourth column can be used to compare your tool with that of your competitors or provide details as requested in the technical requirements table below. (suppliers who include any indication of prices in the technical bid will be automatically disqualified).
 - b) **Commercial Bid (Part-B)** – Indicating item wise price for the items mentioned in the technical bid, as per the format of quotation provided in tender, and other commercial terms and conditions.

3. The technical bid and price bid should each be placed in separate sealed covers, superscripting on both the envelopes the tender no. and the due date. Both these sealed covers are to be placed in a bigger cover which should also be sealed and duly superscripted with the Tender No, Tender Description & Due Date.

4. The SEALED COVER superscripting tender number / due date & should reach the office of the **Chairman, Instrumentation and Applied Physics**, Indian Institute of Science, Bangalore – 560012, India, **Kind attention: Dr. Asha Bhardwaj** on or before due date mentioned in the tender notice. In case due date happens to be holiday the tender will be accepted and opened on the next working day. If the quotation cover is not sealed, it will be rejected.

5. Notwithstanding anything specified in this tender document, IISc Bangalore, in its sole discretion, unconditionally and without having to assign any reason, reserves the rights:

a) To accept OR reject lowest tender or any other tender or all the tenders.

b) To accept any tender in full or in part.

c) To reject the tender, offer not confirming to the tender terms.

6. Any statutory increase in the taxes and duties subsequent to bidder's offer, if it takes place within the original contractual delivery date, will be borne by IISc, Bangalore subject to the claim being supported by documentary evidence. However, if any decrease takes place the advantage will have to be passed on to IISc, Bangalore. Any information furnished by the bidder found to be incorrect, either immediately or at a later date, would render the bidder liable to be debarred from tendering/taking up of work in IISc, Bangalore.

7. The bidder will provide the prerequisite installation requirement of the equipment along with the technical bid.

8. The vendor is responsible for the installation of the system at the institute.

9. The price quotation should include the cost of installation and training of potential users.

10. GST must be not more than 5 % (Institute will provide you GST exemption certificate).

11. The system should be provided with at least three years of warranty, on all parts and labor, from the date of installation.

12. Imported items should be shipped on C.I.P. Bangalore basis (by **Air Freight** only) and all components and accessories indicating component-wise and itemized breakup. Provide certificates for country origin of manufacturing for each line items. Price of every line item in the commercial bid should be quoted along with the total quoted price for the instrument to be operational (installed and ready to use) in our facility.

13. The vendor should have qualified technical service personnel for the equipment based in India and should assure a response time of < 48 hours.

14. The Bidder should have supplied similar equipment in Central Universities preferably in centrally Funded Technical Institutes (IITs, JNCASR, IISc, IISERs, NIT). Vendor must provide a user list (with contact details including emails and phone numbers) of at least five

identical instruments in IISc, JNCASR, IITs, IISERs, NITs with above mentioned specifications. Details of such systems should be provided.

15. The lead-time for the delivery of the equipment should not be more than 6 months from the date of receipt of our purchase order.

16. The indenter reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.

17. Wherever requested data must be supplied along with technical compliance documents. Technical bids without supporting data will be deemed as technically non-compliant.

18. All guaranteed specifications may have to be demonstrated at the time of installation. Any necessary standard samples for that purpose should be brought by the service engineers.

19. Printed literature and published papers in support of all compliance with the prescribed specifications may be provided.

20. The vendor must provide a compliance statement in a tabular form concerning each technical specification in the tender document duly supported by the manufacturer's literature and published papers. Any other claim will not be accepted and may lead to rejection of the bid.

21. Technical evaluation by the institute may include a demonstration to verify functionalities and capabilities of the system quoted. The institute reserves the right to provide samples after opening the technical bids for verification of promised specifications. Any discrepancy between the promised specifications and measurements will be deemed as technical non-compliance.

22. The vendor must quote for a non-comprehensive AMC price beyond the three-year warranty, with a price lock in for 3 years beyond the standard 3-year warranty period, 2/3 services per year should be included in the AMC. Annual Maintenance Contract should be clearly mentioned after warranty period.

23. The quote should also include additional spares sufficient for 3-years.

24. The payment will be through FOR-IISc Bangalore only.

25. Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within the city of Bangalore, India

Annexure 1:

Details of the Bidder: The bidder must provide the following mandatory information & attach supporting documents wherever mentioned:

Sr. No.	Type	Details
1.	Name of the Bidder	
2.	Nature of Bidder (Attach attested copy of Certificate of Incorporation/ Partnership Deed)	
3.	Registration No/ Trade License, (attach attested copy)	
4.	Registered Office Address	
5.	Address for communication	
6.	Contact person- Name and Designation	
7.	Telephone No	
8.	Email ID	
9.	Website	
10.	PAN No. (attach copy)	
11.	GST No. (attach copy)	

Signature of the Bidder

Name:

Date:

Annexure 2:

Declaration regarding experience

**To,
The Chairman,
Instrumentation and Applied Physics,
Indian Institute of Science,
Bangalore – 560012,
India**

Kind attention: Dr. Asha Bhardwaj

Ref: Tender No: XXXXXXXXXXXX

Dated: XXXXX

Supply of TCSPC System Model

Sir,

I have carefully gone through the Terms & Conditions contained in the above referred tender. I hereby declare that my company / firm has ---- years of experience in supplying TCSPC System Model.

(Signature of the Bidder)

Printed Name

Designation,

Seal

Date:

Annexure 3:

Declaration of track record

**To,
The Chairman,
Instrumentation and Applied Physics,
Indian Institute of Science,
Bangalore – 560012,
India**

Kind attention: Dr. Asha Bhardwaj

Ref: Tender No: XXXXXXXXXX

Dated: XXXXX

Supply of TCSPC System Model

Sir,

I have carefully gone through the Terms & Conditions contained in the above referred tender. I hereby declare that my company / firm is not currently debarred / blacklisted by any Government /Semi-Government organizations / institutions in India or abroad. I further certify that I am competent officer in my company / firm to make this declaration.

OR

I declare the following:

Sr. No.	Country in which the company is debarred/ blacklisted / having pending case	Blacklisted / debarred by Government / Semi Government Organizations or Institutions / having pending case	Reason	Time Period
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(Note: In case the company / firm was blacklisted previously, please provide the details regarding period for which the company / firm was blacklisted and the reason/s for the same).

(Signature of the Bidder)

Printed Name

Designation

Seal

Date:

Annexure 4:
Declaration of acceptance of terms and conditions
To,
The Chairman,
Instrumentation and Applied Physics,
Indian Institute of Science,
Bangalore – 560012,
India
Kind attention: Dr. Asha Bhardwaj
Ref: Tender No: XXXXXXXXXX
Dated: XXXXX

Supply of TCSPC System Model

Sir,
I have carefully gone through the Terms & Conditions contained in the above referred tender document. I declare that all the provisions of this tender document are acceptable to my company. I further certify that I am an authorized signatory of my company and am, therefore, competent to make this declaration.

Yours faithfully
(Signature of the Bidder)

Name:
Designation

Seal:

Date:

Section 5: Checklist

The following items must be checked before the bid is submitted.

1. Sealed Envelope “A”: Technical Bid

Technical bid (each page signed by the authorized signatory and sealed) with the below annexures:

- a. Annexure 1: Bidders details**
- b. Annexure 2: Declaration regarding experience**
- c. Annexure 3: Declaration of track record**
- d. Annexure 4: Declaration of acceptance of terms and conditions**
- e. Annexure 5: Details of item quoted.**

2. Sealed Envelope “B”: Commercial Bid

Your quotation must be submitted in two separate sealed envelopes: Technical Bid (Envelope A) and Commercial Bid (Envelope B) super scribing on both the envelopes with Tender No. and due date and both in sealed covers and put in a bigger cover which should also be sealed and duly super scribed with Tender No., Tender description & Due Date.