



No: CUK/Tender/2016-17/SiPM/18

Date: 11 – 11 – 2016

**TENDER NOTICE FOR SUPPLY AND INSTALLATION OF SILICON PHOTOMULTIPLIER  
TRAINER KIT  
(THROUGH E-PROCUREMENT MODE)**

Online electronic bids are hereby invited for and on behalf of Central University of Karnataka, for supply, delivery, installation, and testing of Silicon photomultiplier (SiPM) trainer kit for Central University of Karnataka (as per Annexure – I) as briefly described hereunder:

1	Name of the Equipment	Supply and installation of Silicon photomultiplier (SiPM) trainer kit (as per Annexure – I).
2	Quantity	01 (One)
3	Bid submission mode	Through e-Procurement mode on Central Public Procurement Portal (CPP) ( <a href="http://www.eprocure.gov.in/eprocure/app">www.eprocure.gov.in/eprocure/app</a> ) Two packet system: Packet 1 -Techno-Commercial Bid and Packet 2 -Price Bid.
4	i) Tender processing Fees Rs. 500/- ii) Earnest Money Deposit Rs. 25,000/-	Payable through Demand Draft drawn on any nationalized bank in favour of “ <b>Central University of Karnataka</b> ” payable at Kalaburagi. The DDs should be sent to “The Registrar, Central University of Karnataka, Kadaganchi -585367, Kalaburagi District” in sealed envelope by super scribing as “DDs for Silicon photomultiplier (SiPM) trainer kit Tender”. The DDs shall reach on or before the date and time of bid opening. <b>OR</b> Online payment Account Number: 5109101000001 Bank: Canara Bank IFSC: CNRB0005109 Bank Address: Canara Bank, Central University of Karnataka, Kadaganchi – 585367 Kalaburagi district, Karnataka, INDIA <b>N.B.: Please send the online transaction details to the e-mail: <a href="mailto:purchases@cuk.ac.in">purchases@cuk.ac.in</a></b>
5	Date and time of availability of bid document in the portal.	From 10.00 Hrs. of 12.11.2016 to 17.00 Hrs. of 03.12.2016
6	Last date and time for submission of bids through portal.	17.00 Hrs. of 03.12.2016
7	Date and time of opening technical bids.	14.00 Hrs. of 05.12.2016

**A. Instructions to Bidders**

1. Bids are to be submitted online through e-Procurement portal of the Central Public Procurement Portal (CPP portal; <https://eprocure.gov.in/eprocure/app>).
2. Bids submitted offline will not be considered.
3. Bidders are instructed to read and understand the eligibility criteria and terms and conditions.
4. Tender processing fee and EMD is Payable through Demand Draft drawn on any nationalized bank in favour of “**Central University of Karnataka**” payable at Kalaburagi. The DDs should be sent to “The Registrar, Central University of Karnataka, Kadaganchi -585367, Kalaburagi District” in sealed envelope by super scribing as “**DDs for Silicon photomultiplier (SiPM) trainer kit Tender**”. The DDs shall reach on or before the date and time of bid opening.

**OR** through Online payment

Account Number: 5109101000001

Bank: Canara Bank

IFSC: CNRB0005109

Bank Address:

Canara Bank,

Central University of Karnataka,

Kadaganchi – 585367, Kalaburagi district, Karnataka, INDIA

N. B.: Please send the online transaction details to the Email: [purchases@cuk.ac.in](mailto:purchases@cuk.ac.in)

5. EMD of the unsuccessful bidders will be refunded / returned after opening the price bids. EMD of the successful bidder will be refunded after successful installation, testing and on submission of the performance report and bank guarantee for an amount of 10% of the purchase order value.
6. To avail the concessions available to MSEs, such bidders are required to upload, the registration certificate issued by NSIC.
7. Bidders are advised to submit the tender strictly based on the terms and conditions and specification contained in the Tender Document. Conditional bids will be summarily rejected.
8. Annexure- III (Price bids) of only technically qualified bids will be opened.

**B. Eligibility of the bidders**

1. Bidders are either the Original Equipment Manufacturers (OEM) or authorized dealers of Silicon photomultiplier trainer kits or similar electronic equipment.
2. The bidder shall not be black listed by any Govt./Semi Govt./Private Institution.
3. The bidder shall be free from the encumbrance and there shall not be any vigilance case/ CBI case/ Court Case pending against the bidder.
4. The firm should be registered with the Income Tax, Sales Tax and other required statutory registrations.

5. The firm should have an experience of at least 3 years in supply of Silicon photomultiplier trainer kits or similar electronic equipment.
6. Annual average turnover of the bidder during the past three years (2012-13 to 2014-15) should be at least Rs. **30,00,000/-**.
7. The bidder should enclose audited financial statements for the three financial years from 2012-13 to 2014-15 and ITR acknowledgement for three assent years from 2013-2014 to 2015-16
8. List of clients served highlighting Government organizations along with contact numbers and work order copies to be furnished.
9. The bidder should produce the evidence of supplying at least one Silicon photomultiplier trainer kits or similar electronic equipment to any of the Government organization during the last two years.

**C. Each Bidder shall upload the following digitally signed documents**

**Packet I**

1. Scanned copy of duly filled Annexures I and II.
2. Firm registration certificate, OEM / Authorized Dealership Certificate from principal, VAT Registration Certificate, PAN Card and NSIC certificate if applicable.
3. Auditors certificate indicating the turnover for last 3 financial years from 2012-13 to 2014-2015
4. Audited Profit and Loss account and balance sheet for last 3 financial years from 2012-13 to 2014-2015
5. Acknowledgement of ITRs for the last three years from the assessment year 2013-14 to 2015-16.
6. Work orders/purchase orders from reputed organizations to meet the eligibility requirements
7. Brochure / leaflet of the Silicon photomultiplier trainer kit.

**Packet II**

1. Scanned copy of duly filled Annexure – III – Price bid

**D. Terms and conditions**

1. Bids can be submitted by the Original Equipment Manufacturer (OEM) or authorized dealers of the items quoted in Annexure - I.
2. Bidder shall furnish registration certificates pertaining to income tax, sales tax etc.
3. Incomplete bids will be summarily rejected.
4. Technical literature/brochures of the quoted model explaining all specifications including circuit diagrams (if applicable) should be enclosed with the quotation should be uploaded. Detailed operational manual (both electronic and printed versions) should be provided with the equipment. All the documents should be in English.

5. The supplier must provide guarantee that all the specifications being offered shall be demonstrated to conformity with the values in quotation while installation. **The supplier must submit a table indicating the compliance of the features of the quoted model with those given in quotation.** If any feature is not matching, it should be mentioned and explained.
6. Minimum **one year warranty** is required on the main equipment and accessories from the date of installation.
7. Details of installation, commissioning and training of the equipment must be specified.
8. Installation and commissioning should be made by the manufacturer or its Indian representative. The Indian representative should have well proven service capability on similar systems and should have service engineers trained by manufacturer for after sale support. Details of the service support in terms of service centres with address and telephone number, service engineers with names and experiences, response time during warranty and afterwards should be provided with the offer.
9. Proper user training for operation and maintenance of the equipment should be provided at the time of installation.
10. Utility and installation requirements (electrical power, ambient temperature and humidity requirements etc.) should be clearly mentioned in quotation.
11. Price quoted should be CIF for delivery at CUK Campus, Kadaganchi, Kalaburagi District, including all taxes, customs duty (if applicable), transportation, installation and on-site training charges.
12. Documentary evidences of system performance should be provided along with the submitted technical bid.
13. Th  
The supplier should provide a list of users from Government institutions in India as well as from abroad. Confirmation of the claim should be supported by at least three users of specified model.
14. Validity of quotation should be at least for 90 days.
15. Time required for delivery after confirming order, should be provided.
16. EMD of the unsuccessful bidders will be refunded after opening the price bids.
17. The supplier shall provide security deposit of 10 percent of the total value of the contract either in cash or Bank guaranty for the warranty period.
18. The University reserves the right to postpone and/or extend the date of receipt or to withdraw the tender notice or not to place the order or to place order for part or full quantities without assigning any reason thereof at any stage of the tender. In such an event, bidders shall not be entitled to any compensation, in any form whatsoever.
19. Canvassing in connection with the tender is strictly prohibited and the bids submitted by such bidders indulging in such practices are liable to be rejected. CUK reserves the right to debar the

firm for minimum one year as per the Company policy.

20. Any legal action taken or proceeding initiated on any of the terms of the agreement shall be only in Kalaburagi jurisdiction.
21. If tender opening day happens to be holiday, the next working day will be treated as tender opening.

**E. Payment terms**

1. For domestic companies, payment will be made after delivery and installation of item through Cheque or online transfer.
2. For foreign companies, payment will be made through one of the following options:
  - i. Irrevocable letter of credit (L/C) for 90 days. Name and address of company on whose L/C will be opened should be clearly mentioned.
  - ii. Electronic transfer after 30 days from the date of installation of item.

**Registrar**

**Central University of Karnataka**

## Annexure – I

### Technical Specifications for Silicon photomultiplier trainer kit

#### Technical Specifications:

##### 1. Silicon Photomultipliers:

- a. Silicon photomultiplier with minimum **1000 pixels** with holder for mounting.
- b. Silicon photomultiplier with minimum **100 pixels** with holder for mounting.

##### 2. The kit must contain the following accessories and all the accessories must be designed for easy interfacing with the silicon photomultiplier and/or other related components in the kit:

###### a. Analog to Digital Convertor:

- i. Resolution: Minimum 12 bit or higher
- ii. Sampling rate: 200 MS/s or higher
- iii. Number of channels: 2 or more

###### b. Power Supply:

- i. Programmable power supply for the sensor and the accessories

###### c. Amplifier:

- i. Wide-band amplifier with programmable gain (Minimum: 1)

###### d. Discriminator:

- i. Leading edge discriminator (Minimum: 1)

###### e. Coincidence logic:

- i. Minimum 1 time coincidence logic

###### f. PC Interfacing:

- i. USB interface

###### g. Software

- i. Software should be provided for PC-based data collection, analysis and graphing
- ii. Software with API for programming the kit is preferable

###### h. LED: (Minimum 1, any frequency in the visible range) with drivers for testing purposes

##### 3. Power and cable requirements

All the power and cable requirements and accessories must be suitable for use in India.

**4. Warranty:**

The system must come with a warranty of one year or more.

**5. Installation and training:**

The equipment must be installed at Central University of Karnataka and on sight training to use it must be provided.

**Signature of authorized person**\_\_\_\_\_

Date:\_\_\_\_\_

Place:\_\_\_\_\_

Name:\_\_\_\_\_

Designation:\_\_\_\_\_

Seal:

**Annexure – II**

**Tender Application and Declaration**

1. Name of the Firm.....
2. Full Postal Address:.....
3. Contact No. ....
4. Fax No.....
5. Email Id:....
6. Date of Establishment of firm.....
7. Tender processing fee and EMD

	Processing fee	EMD
Amount	Rs. 500	Rs.
DD/Online transaction No.		
Date		
Bank and Branch		

8. Are you claiming Exemption for processing fee and EMD through NSIC certificate ? **Yes/No**
9. Is your firm participating as Original Equipment Manufacturer (OEM)/ Authorized dealer? (strike out which is irrelevant)
10. Give details of any Government contracts executed during the last twelve months (attach separate sheet, if necessary):... ..
11. Table indicating the compliance of the features of the quoted model with those given in the Annexure – I. If any feature is not matching, then give your explanation for it. (Attach separate sheet if required).

**Declaration**

**I the undersigned hereby declare on behalf of my/our firm that:**

- a) I have gone through the terms and conditions mentioned in the tender document and undertake to comply with all the terms and conditions mentioned in the tender document.
- b) the price quoted will be valid and binding for the entire period of contract.
- c) supply the items as per specifications given in the tender document/supply order within stipulated period, if contract is awarded.
- d) I/we give the rights to the Central University of Karnataka to forfeit the EMD paid by me if any delay occurs on my part or if I fail to comply with the terms and conditions mentioned in the tender document.
- e) There is no vigilance/CBI case or court case pending against my firm **nor** is my firm blacklisted by any agency/department.

Date: \_\_\_\_\_

Signature : \_\_\_\_\_

Place: \_\_\_\_\_

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Seal of the firm

**Note:** To be submitted by the bidder in the letter head and to be signed by the authorized signatory with name and designation. Affix the seal of the firm.



**Annexure – III (Price Bid)**

<b>Sl.no</b>	<b>Description</b>	<b>Amount in INR</b>
1	Price exclusive of taxes and duties for Supply of the <b>SILICON PHOTO MULTIPLER TRAINER KIT</b> as specified in Annexure – I	
2	Excise duty	
3	Customs duty	
4	CST/VAT	
5	Transportation	
6	Installation, demonstration and training	
7	Total Price	
Total price in words		

Date:\_\_\_\_\_

Signature :\_\_\_\_\_

Place:\_\_\_\_\_

Name:\_\_\_\_\_

Designation:\_\_\_\_\_

Seal of the firm

**Note:** To be submitted by the bidder in the letter head and to be signed by the authorized signatory with name and designation. Affix the seal of the firm.