



System Title

TENDER DOCUMENT -9

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Document No.

SNGCE-TD-004

Procedure Title

Effective Date

25 Nov 2022

SUPPLY , INSTALLATION , TRAINING AND COMMISSIONING OF
SMART WHITE BOARD OR AN INTERACTIVE WHITE BOARD

Revision Date

Signature :

Custodian : Sngc Trust

Time schedule for Tender Process : (SMART WHITE BOARD/INTERACTIVE WHITE BOARD)

1	Date of publication of tender notification on official website www.sngce.ac.in	Free download from website or from office
2	Sale of tender document commence from	1Feb 2023
3	Last date of sale of tender document	8 Feb 2023
4	Last date for receipt of duly filled- in tenders	9 Feb 2023 4 pm
5	Date and Time of the opening of Tenders	10 Feb2023 2 pm

Note : This tender documents contains (06 Pages) and tenderers are requested to sign on all the pages .

1. Introduction

Sree Narayana Gurukulam college of engineering (SNGCE), Kadayiruppu, Kolenchery is a premier institution started in the year 2002 imparting engineering and management education in the state of Kerala. The college is managed by the Sree Narayana Gurukulam Charitable Trust Perumbavoor

Notice Inviting Tender :

The SNGCE invites sealed tenders for the full operation of a **smart class with state-of-the-art technology** wall mounted interactive white board with touch screen and an inbuilt computer at class rooms.

The details of the tender are given below :-,

- a. Description of Services : Supply, installation, training and commissioning of interactive white board
 - i. Correspondence address: The Secretary , SNGC Trust , Perumbavoor . Pin 683542.
 - ii. Bids can be sent to SNGC Trust office in sealed cover.

Tenderer should take due care to submit the tender in accordance with requirement in sealed covers. Bids received shall be evaluated as per the criteria prescribed in the tender document. SNGC Trust will not entertain any modifications subsequent to opening of bids and bids not conforming to tender conditions shall be liable to be rejected .Therefore, bidders are advised to submit their bids complete in all respects as per requirement of tender document specifying their acceptance to all the clauses of Bid evaluation criteria, General Terms and conditions and compliance to the Scope of supply etc.

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In case of any clarification required relating to this tender , the same can be sought from the following officers of SNGC Trust :

- a. The Secretary , SNGC Trust , Perumbavoor , 683542 Ph : 9447465232
- b. The Manager , SNGCE , Kadayiruppu Ph : 8281165770

2. General Terms and Conditions :

The tenderers are requested to go through the following terms and conditions before submitting their tender documents :

1. Tender shall be submitted in official tender form only. If submitted in any other form the same shall be summarily rejected.
2. The name and address of the tenderer shall be clearly written in the space provided and no overwriting , correction, insertion shall be permitted in any part of the tender unless countersigned by the tenderer. The tender should be filled in and submitted in strict accordance with the instruction laid down herein; otherwise the tender is liable to be ignored / rejected .
3. The tender shall be ignored, if complete information is not given there-in , or if the particulars and data (if any) asked for in the schedule to the tender are not filled in.
4. The company or firm will provide GSTIN (Goods and Tax Registration No.) along with bid.
5. An Individual signing the tender or other documents connected with the tender must specify whether he signs as :-
 - i. A sole proprietor of the concern or constituted attorney of such sole proprietor .
 - ii. A partner of the firm if it is a partnership firm, in which case he/she must have authority to execute contracts on behalf of the firm and refer to arbitration disputes concerning the business of the partnership either by virtue of the partnership agreement or by a power of attorney duly executed by the partners of the firm.
 - iii. Copy of the certificate of registration of firm should be attached along with the tender papers .
6. The tender submitted in sealed envelope super-scribed " Tender for the supply, installation, training and commissioning of smart interactive white board " should be addressed to the Secretary , SNGC Trust , Perumbavoor , 683542 or directly handed over to SNGC Trust office on or before 9 Feb 2023 4 pm .
7. SNGC Trust reserves the right to accept or reject any or all the offers either fully or partly without assigning any reasons and is not bound to accept the lowest bid.
8. Tenderers to specify the yearly maintenance charges if any requested in the schedule . SNGC Trust have right to add or remove offered services prior to the issue of PO.

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9. Supplier to confirm delivery within 7 days against the Purchase Order . Delivery to : SNGCE , Kadayiruppu.
10. Warranty offered against product and services shall be specified by supplier .
11. Tenderers to visit SNGCE college , kadayiruppu for class rooms power supply points availability, internet services and for any other further clarifications .

Annexure A. Scope of supply and PERFORMA OF FINANCIAL BID

SL. No.	Item cost and annual maintenance charges							Warranty
	Item description	Qty in numbers	Rate Rs.	Total Rs	Tax%	Tax Amount	Total Rs	Years
1	1. Supply , training , installation and commissioning of an interactive white board at class room . Detailed specifications described in Product specifications A. 1	1						
	On site warranty - 5 years or above							
	Annual maintenance charges after the warranty period or extension of warranty charges per year							
	Brand : Benq , Newline, Samsung							
Total amount in Rs.								

Supply of extra units within 3 months time : Price : 1 unit Rs. _____

2 unit Rs. _____

3 unit and above Rs. _____

Product specifications A. 1

Smart interactive white board active screen size : 75 inch
Type /Technology : TFT LCD module with DLED backlight
Aspect Ratio : 16:9
Colors : 1.07B colors (10 bit)

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Brightness : 400 nits (typically) or 350 nits (minimum)
Contrast ratio : 1200:1
Response time : 8 ms or less
Resolution : 3840*2160 (4 K) or better, Eye care technology, blue light filter , Full HD
Screen : 7H, Anti scratch, anti glare high quality touch screen
Viewing angle : H =178, V =178
Backlight life : above 50000 hours
Screen touch technology : IR recognition
Touch point:20points for touch , 10 points writing
Response time : less than 10 ms
System : windows 10 or above (license cost to be specified)
Life time : > 50000 hours

Input :

- HDMI * 4
- RGB/VGA *1
- Audio * 1
- CVBS (AV) *1
- YPbPr *1
- Rs 232 *1
- PC slot * 1 , SDM *1

OUTPUT

- HDMI * 1
- Audio –earphone * 2
- CVBS (AV) *1
- SPDIF * 1
- RS232 * 1
- LAN RJ45 * 1
- USB 2.0 Type A * 3
- 3.0 type A *2
- 2.0 Type B * 1
- Speakers 20W * 2 front facing
- Built in PC, CPU : Supplier to specify
- OPS PC : Intel I5-7200U Processor,3.10 GHz Clock speed,8GB/128G SSD support 4K@60HZ or better
- Memory 2GB DDR3 minimum
- Storage 16GB eMMC
- Networking 10/100M auto-identification and DHCP
- Supply 100 – 240 V Ac +/- 10% wide range 50-60Hz
- Power consumption 350 watts or less

Ergonomics : wall mount
Operating conditions ; 95% humidity , max 50deg C. ambient
Weight : 60 to 75 kg

Required Accessories ;

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- VGA Cable 5 meters or more
- Power cable - length to be supplied according with Room supply point availability
- Remote control
- USB cable - 5 meters
- Audio cable - 5 meters
- AV cable , HDMI cable
- Touching Pen - 3 numbers
- RS232 adaptor
- Wall mount and accessories
- Software for white board , Zoom conference , content sharing

a. Bidder's selection criteria :-

1. Suppliers those who are in the field of interactive panel supply and authorized company distributors/dealers for last 5 years shall be considered for selection.
2. Supplier to submit their client list of institutions which are using interactive smart boards since 2017.
3. Assurance of on site support upon requirement (within 24 hours)
4. Supplier to inform a dedicated single point contact details for SNGCE operations and SNGCE shall furnish the assigned person/s name upon finalization of contract.
5. The initial supply order is for 1 unit. An additional units may procured upon performance evaluation . If the order is placed within 3 months for extra units, supplier to offer their competitive price separately in the bid.

b. Payment Terms

First Payment: - 10% of the contract value shall be paid against the delivery of the unit to SNGCE and supplier to install the unit within one week time from the date of PO issued.

Second payment :- 25% of the contract value shall be released upon satisfactory completion of installation of the unit at SNGCE against a provisional completion certificate issued by the Principal of the institution.

Third payment :- 45% of the contract value shall be released once SNGCE issued a certificate stated the unit is performing satisfactorily and required training to the SNGCE staffs completed. Time to release payment : 15 days after commissioning of the system. Supplier to issue warranty /Guarantee certificate and commissioning report along with invoice to apply for payment .

Remaining payment : Balance 20% of the contract value shall be released after 1 month once the users fully satisfied with its operation .

Income tax related TDS applicable for all payments. Supplier to furnish their PAN card and other relevant documents to SNGCE accounts against the PO issued.

c. Working at SNGCE college premises by staffs of the supplier : General guidelines

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Supplier to furnish the details of their employees in advance and obtain Gate pass from the Manager of SNGCE . Gate pass is valid for 1 year from the date of issue. Gate pass issued only to the specified person with photo ID and not transferable to any one. Staff can visit only to the designated area approved and items bring inside the SNGCE premises to be entered at main gate and returnable pass to be obtained. Alone working at SNGCE computer lab/Classes not permissible and SNGCE assign college staff to support the employee of the supplier. Supplier's employee/s to sign off an agreement for using SNGCE internet. Staff of the supplier to follow decent dress codes at SNGCE premises during their visit. Electrical tools used for any work shall be certified from competent authority to avoid inadvertent situations.

3. PERFORMA OF TECHNICAL BID

The tenderers needs to submit the following documents with their tender documents:-

- a. Copy of the license issued by the appropriate authority.
- b. Client list - Institutions using similar interactive white boards and brand of the unit.

4. UNDERTAKING & ACCEPTANCE LETTER BY THE SUPPLIER

I/We have carefully gone through the various terms and conditions listed in the Tender form (Technical and Financial Bid) for supplying interactive smart board to SNGCE kadayiruppu. I / We agree to all these conditions and offer to supply , training, installation and commissioning of the system to SNGCE and extension of services offered in the financial bid. I/ We are making this offer after carefully reading the conditions and understanding the same without any kind of pressure or influence from any source whatsoever. I/ We have inspected the classes of SNGCE and have acquainted ourselves with the tasks required to be carried out , before making this offer. I/ We here by sign this undertaking in token of our acceptance of various conditions listed above .

Place :

Date :

Signature and seal of Supplier

Address :

Office Phone :

Mobile number :

Email Id:

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