



## **Notice Inviting e-Tender**

**NIT No.: DHE/SKC/SERB/NIT(e)-10/22-23 Dated 01.03.2023**

### **COMMUNICATION ADDRESS:**

**P.O. : Bagula, Nadia, Pin : 741502, W.B.  
Phone No : (03473) 272205  
srikrishnacollegebagula@rediffmail.com**

**Date of Publication of Tender (online): 01.03.2023/09/2022 AFTER 10.00 HRS.**

**Last Date of Submission of Bid (online): 08 /03/2023 UP TO 14.00 HRS.**

**NAME OF THE WORK/ ITEM DESCRIPTION**

**SUPPLY AND INSTALLATION LCR METER**

For and on behalf of Srikrishna College, Bagula, Nadia, the Principal, Srikrishna College, Bagula, Nadia invites Online e-Tender item wise rate tenders for supplying the **Laboratory Equipment** as described below for Department of Physics at Srikrishna College, Bagula, Nadia from the technically eligible and financially credible venders. Interested venders may follow the instructions as given below for submission of their tenders under online mode:

SL NO	NAME OF EQUIPMENT	ESTIMATED COST (RS)	EARNEST MONEY (RS)	COMPLETION TIME
1	<i>LCR Meter</i> with specifications as per <i>Technical Compliance Sheet</i>	Quoted Amount	7,000/-	7 (Seven Days)

Intending bidders may download tender documents from e-procurement portal of Govt. website [www.wbtenders.gov.in](http://www.wbtenders.gov.in). The pre-qualification and bid documents duly filled in all respect should be submitted on-line through our e-portal **as per Server Clock**. Srikrishna College, Bagula, Nadia does not take any responsibility for the delay caused due to non-availability of Internet connection or traffic jam etc. for on-line bids. Intending should submit Earnest Money Deposit through online payment mode as per the policy of the WB e-Tender Portal. ***Bidders are required make payment of Earnest Money (EMD) through the e-Payment banking system, on-line and should read in advance the instructions carefully, particularly those contained in the challan generated in the e-transaction of the portal, if opted for EMD payment through RTGS/NEFT. The bidders who are exempted from submission earnest money deposit should upload proper documents against the claim for the same. Without Earnest Money and cost of document, bidder will be rejected.***

**ELIGIBILITY CRITERIA/ DOCUMENT TO BE SUBMITTED:**

Intending bidders must submit the following documents for participation in tender to the respective folder as mentioned in the Tender:

1. Tender Specific Authorization Certificate of Manufacturer to sale the Product from Zonal OEM Office to participate in the tender undersigned by authorized signatory from the Manufacturer.
2. OEM should have Service Centre in India.
3. OEM should have NABL Accredited Calibration Lab in India.
4. Technical Bid without any deviation as per the technical compliance from OEM on their Letter Head.
5. Technical quotation showing the details of offered make model along with the technical Brochure.
6. Pan Card of the Applicant/Organization.

7. GST Registration Certificate with copy of the submission of latest return.
8. Partnership Deed/Registration or Incorporation Certificate if Applicable.
9. Valid Trade License.
10. ITR details of last three years.
11. Professional Tax Registration Certificate with up-to-date Challan Copy.
12. Past Experience Certificate from the Govt. Department/Organization in similar nature of Items/Job/Work. Copy of purchase order, installation/completion certificates to be uploaded.
13. Declaration/undertaking that the bidder is not blacklisted by any Govt. Organization.
14. Declaration/undertaking that the bidder is agreed to attend/rectify/replace the defected equipment from the College within 48 hours of the distress call during the warranty period.
15. Signed Copy of All Annexure and Compliance Statement as per Tender.

**SD /  
PRINCIPAL  
SRIKRISHNA COLLEGE**

## GENERAL TERMS AND CONDITION:

1. Bidders are advised to study all ***technical and financial*** aspects, instructions, forms, terms and specifications carefully in the tender document. Failure to furnish all information required in the Tender Document or submission of a bid not substantially responsive to the Tender document in every respect will be at the Bidder's risk and may result in the rejection of the bid.
2. The Bidder has to accept unconditionally the on-line user portal agreement which contains the acceptance of all the Terms and Conditions of NIT, including Commercial and General Terms & Conditions and other terms, if any, along with on-line undertaking in support of the authenticity of the declarations regarding the facts, figures, information and documents furnished by the Bidder on-line in order to become an eligible Bidder. No conditional bid shall be allowed / accepted. The Bidder must comply with all the terms & conditions.
3. The financial bid document of the technically qualified bidders will be opened for evaluation and selection of qualified bidders will be declared after technical evolution and the other bid documents will be unopened. No separate intimation will be given for this, unless the above date is changed. In case of change of date, due intimation will be given in our college website [www.srikrishnacollegebagula.ac.in](http://www.srikrishnacollegebagula.ac.in). No individual intimation will be given.
4. *The Authority reserve all rights to reject any bid including of those bidders who fail to comply with the instructions without assigning any reason whatsoever and does not bind it to accept the lowest or any specific bid. The decision of the College in this regard shall be final and binding.*
5. ***The bidder must upload the Particulars Technical Specification Sheet with Signature.***
6. ***All bidders should submit their West Bengal Sale & Service Support office address details with documents.***
7. *The bidder must upload scanned copies of various documents required for eligibility and all other documents as specified in the Tender Document while submitting the bid. The bidder will have to give an undertaking online that if the information / declaration / scanned documents furnished in support of the same in respect of Eligibility Criteria are found to be wrong or misleading at any stage, they will be liable to punitive action. Any other document uploaded which is not required as per the terms of the Tender Document shall not be considered.*
8. ***The tender inviting authority shall verify the above-mentioned documents (in original) which are mandatory for the participation before issuance of the work order. Paying slip of (EM, bid document) should be furnished (Scan Copy).***

9. **Validity of Bid:** The bid quoted by the bidder shall valid for 180 days. Purchaser shall have the right to purchase the item with same quoted rate within the period of bid validity.
10. **Payment Terms:** No advance payment or payment against Proforma invoice will be made. Payment shall be made within 30 days from the date of installation of the items/goods. Payment of bill will be made through crossed account payee Cheque only after delivery and successful installation of all the item after deduction of 10% security and others taxes as per Govt. norms. Security deposit is refundable after six months subject to the condition of successful running of the items.
11. **Price:** Price should be inclusive of all taxes and statutory charges. No extra charges shall be given to the successful bidder. Prices must be quoted in Indian Currency only in rupees. The rates once accepted will not be changed under any circumstances.
12. **Delivery and Installation:** Delivery and Installation of all goods/items should be made within 7 days from the date of issuance of purchase order. No extra cost shall be provided to successful bidder for installation. On acceptance of work order, the date of delivery should be strictly adhered to otherwise, the Principal of Srikrishna College, Bagula, Nadia reserves the right not to accept the delivery in full or in part. In case the order is not executed within the stipulated period, the Principal of Srikrishna College, Bagula, Nadia will be at liberty to make purchase through other sources.
13. Successful bidders shall be liable to carry their won equipment for installation and successful running of the system of the item. No extra cost shall be applicable to the tender inviting authority.
14. **Liquidity Damages/ Delay in Delivery of Installation:** 1% per week of the order value will be applicable for belated supply towards liquidated damages subject to maximum of 10% beyond the due date. Such amount will be deducted from any amount due or which may become due to supplier. There after the Bid Security of Earnest money deposit of the bidder may be forfeited.
15. **Warranty:** Bidder should provide the warranty certificate with the supplied item.
16. **Service Facility:** Successful bidder should have good service facilities during the warranty period and even after the warranty period. Adequate document to after sale service to furnished along with the bid documents. Post-sales service should be available from the end of the OEM and bidder as and when required.
17. **Terms of Execution:** The Bidders shall be responsible for all losses and damages from any cause whatsoever while the supply and installation are going on or is in the course of transit to the College. The cost of the transit insurance and transport should be borne by the successful Bidder.
18. The purchase order or work order for the entire quantity can be placed either in one lump sum or as per the requirement through repeat order subject to availability of fund of the required items. The quantity shown is tentative and may increase or decrease.

19. Any failure on the part of the bidder to observe the prescribed procedure and any attempt to canvas in any form at any stage are liable for cancellation of bid.
20. **Refund of EMD**: The Earnest money of all the unsuccessful tenderers/bidders will be refunded after submission of application with original bank transaction slip from the tenderer/ bidders to the office of the Srikrishna College, Bagula, Nadia. The Earnest money deposited by the successful tenderer/bidders will be converted into security deposit. No interest will be paid by the tender accepting authority.

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## TECHNICAL COMPLIANCE STATEMENT

Name of Equipment: LCR Meter

Usage: Research and Development

## SPECIFICATION OF THE EQUIPMENT:

SN	PARTICULARS	SPECIFICATION	COMPLIANCE IN DETAILS (YES/NO/NOT APPLICABLE)
	<b>Key Features</b>		
1	Make	Hioki/Keysight/Keithley/Lakeshore	
2	Model		
3	Measurement Parameters	Basic measurement items: Z, Y, $\theta$ , Rs, Rp, X, G, B, Ls, Lp, Cs, Cp, Q, D Rdc	
4	Measurement Range	100 m $\Omega$ to 100 M $\Omega$ , 10 ranges (All parameters are determined according to Z)	
5	Measurement Mode	LCR mode: Measurement with single condition Continuous testing (LCR mode): Continuous measurement under saved conditions (Max 2 sets)	
6	Measurement Frequency	40 Hz to 200 kHz	
7	Frequency Resolution	5 digits setting resolution	
8	Measurement signal level	Normal mode: V mode/ CV mode: 5 mV to 5 Vrms, 1 mVrms steps CC mode: 10 $\mu$ A to 50 mArms, 10 $\mu$ Arms steps	
9	Measurement voltage	5 mV to 5 V	
10	Output impedance	Normal mode: 100 $\Omega$	
11	Measurement time	2 ms (1 kHz, FAST, display OFF, representative value)	
12	Measurement speed	FAST/MED/SLOW/SLOW2	
13	DC resistance measurement	Measurement signal level: Fixed to 2 V	
14	Basic accuracy	Z: $\pm 0.05\%$ rdg. $\theta$ : $\pm 0.03^\circ$	
15	Comparator	Built-in, LCR mode: Hi/IN/Lo for first and third items	
16	BIN measurement	Built-in, 10 main parameter categories, 1 sub-parameter category, and out of range	
17	Compensation	Open/short/load/correlation compensation	
18	Cable length	0 and 1 m (accuracy guaranteed for up to 4 m)	
19	Contact check	4-terminal contact check (threshold change)/Hi-Z reject	
20	Display	Monochrome LCD	
21	Number of display digits setting	The number of display digits can be set from 3 to 6 (initial value: 6 digits)	

SN	PARTICULARS	SPECIFICATION	COMPLIANCE IN DETAILS (YES/NO/NOT APPLICABLE)
22	Communication Interface	EXT I/O, USB	
		GPIB or RS-232	
23	Residual charge protection function	$V = \sqrt{10/C}$ (C: Capacitance [F] of test sample, V = max. 400 V)	
24	Trigger synchronous output function	Applies a measurement signal during analogue measurement only	
25	Averaging	1 to 256	
26	Panel loading/saving	LCR mode: 60; Analyzer mode: 2; Compensation value: 128	
27	Memory function	Stores 32,000 data items to the memory of the instrument	
28	Others features	Auto-range control function	
		Individual items of two continuous measurements can be output from EXT I/O	
		Limit-linked range setting and range-linked setting function	
		OPEN/SHORT compensation area setting function	
		C-D and ESR measurement of electrolytic capacitors and L-Q and Rdc measurement of inductors	
29	Warranty	Valid warranty certificate containing minimum 1 year of Warranty	
30	Four-Terminal Probe	Cable length 1 m (3.28 ft), DC to 200 kHz, impedance characteristics of 50 $\Omega$ , 4-terminal pair configuration, measurable conductor diameter: $\varnothing 0.3$ mm (0.01 in) to $\varnothing 5$ mm (0.20 in) max.	
	<b>Other Requirement</b>		
1	Authorization	Tender Specific Authorization Certificate of Manufacturer to sale the Product from Zonal OEM Office	
2	Service	OEM should have Service Centre in India	
3	Support	OEM should have NABL Accredited Calibration Lab in India	
4	Experience Certificate	At least three 3 PO copies supplying the quoted instrument to Educational Institution or equivalent	

**Date:**

**Seal & Signature of the Bidder**

**Official Address:**

**Name of the Signatory**



**CHECKLIST:**

NAME OF THE BIDDER : \_\_\_\_\_

ADDRESS OF THE BIDDER : \_\_\_\_\_

CONTACT NO. : \_\_\_\_\_

EMAIL ID: : \_\_\_\_\_

SN	Particulars	Remarks
1	Whether Submitted the Detailed of Earnest money Deposit or uploaded proper exemption documents	
2	Tender Specific Authorization Certificate of Manufacturer to sale the Product from Zonal OEM Office	
3	Supporting Documents showing that OEM have Service Centre in India	
4	Supporting Documents showing that OEM have NABL Accredited Calibration Lab in India	
5	Pan Card of the Applicant/Organization	
6	GST Registration Certificate with copy of the submission of latest return	
7	Partnership Deed /Registration or Incorporation Certificate if Applicable	
8	Valid & up to date Trade License	
9	ITR details of last three years	
10	Professional Tax Registration Certificate with up-to-date Challan Copy	
11	Past Experience Certificate from the Govt. Educational Department/Organization for same nature of order	
12	Declaration/undertaking that the bidder is not blacklisted by any Govt. Organization	
13	Declaration/undertaking that the bidder is agreed to attend/rectify/replace the defected equipment from the College within 48 hours of the distress call during the warranty period.	
14	Signed Copy of All Annexure and Compliance Statement as per Tender	

**Date:****Seal & Signature of the Bidder**

**UNDERTAKING  
AFFIDAVIT-Y**

[TO BE GIVEN ON NON-JUDICIAL STAMP PAPER]

**NIT NO. WITH DATE:** \_\_\_\_\_

I, \_\_\_\_\_ (NAME OF THE SIGNATORY), \_\_\_\_\_ (DESIGNATION)  
of \_\_\_\_\_ (NAME OF COMPANY/FIRM) \_\_\_\_\_  
\_\_\_\_\_ (REGISTERED ADDRESS) hereby undertake the following:

- 1) My organization/ constituent or any personnel associated with it, neither have abandoned any work nor any of our contract have been rescinded during the last 5 (five) years.
- 2) Our Company/Firm have never been blacklisted by any Govt. Organization or by any others statutory body.
- 3) I have read the tender documents and understood the all terms and conditions and the scope of the works and abide by them.
- 4) The undersigned understand that Tender Inviting authority reserve the right to make amendment of the scope of works or terms and condition and also has the right to cancel the tender or bid without assigning any reason:

**Name of Authorized Signatory:****Designation:****Contact Number:****Signature & Seal of the Bidder**