



RAMSADAY COLLEGE

(Affiliated to the University of Calcutta & Registered under 2f of UGC Act.)

(An Institution Re-accredited by NAAC 'Grade-B+')

P.O.- AMTA • DIST.- HOWRAH • PIN - 711401

Ref. No. 158/66/DST/SERB-SURE

Date. 23-02-2024

E-Tender for Source Measuring Unit along with Accessories under SERB-SURE Project (File No.: SUR/2022/003258 dt. 12/10/2023)

Quotation is hereby invited for the following items in two parts (Techno-commercial Bids) through E-Tender mode available at Ramsaday College, Amta, Howrah. website: https://ramsadaycollege.com/other_notice.php

Note: No manual bids will be accepted. All quotation should be submitted in the E-procurement portal only

Item description for the e-tender is given below:

Sl No.	Item Description
1.	DC power Supply (Source Measuring Unit)
2.	Low Noise Triax Cable
3.	I-V Characteristics App

Earnest Money Deposit: 14,000.00 (Fourteen thousand rupees only) should be paid through RTGS/NEFT.

The important date for the e-Tender is given below:

Sl. No.	Events	Date	Time
1.	Date of online Publication	15/03/2024	18:00 hrs
2.	Download of Tender	15/03/2024	From 18:00 hrs
3.	Bid submission start date	16/03/2024	From 18:30 hrs
4.	Bid submission close date	26/03/2024	Upto 17:00 hrs
5.	Opening Bids	29/03/2024	From 13:00hrs

Sukdev Saha
Principal
Investigator

Principal Investigator

SERB-SURE-SUR/2022/003258

dt.12/10/2023

Sandeep Mondal
Committee Member
(Internal)

Head of the Department
Ramsaday College
Head Dept. of physics
Ramsaday College
Amta, Howrah-711401

Principal
Ramsaday College
Principal
Ramsaday College
Amta, Howrah

The Specifications for these items are given below:

TENDER SPECIFICATIONS FOR SINGLE CHANNEL SMU

Sl. No.	Features	Specifications
1.	Voltage Range	Max: Upto 200V, Min: 20mV
2.	Voltage Resolution	Not less than 500nV at 10 nV measure range
3.	Current Range	Max: 1Amp Min: 10 nA
4.	Current Resolution	Not less than 500fA at 10 fA
5.	Voltage Accuracy	Not less than 0.100% +150 μ V @ 20 mV and Not less than 0.015% +10mV @ 200V
6.	Current accuracy	Not less than 0.10% + 50 pA @ 10 nA and Not less than 0.030% + 500 μ A @ 1A
7.	Sweep Feature	There should be Linear, log, Dual Linear, Dual Log, Custom, Source Memory mode. Time based measurement mode must be included
8.	Memory Buffer	Upto 250000 points
9.	Supported Interfaces	Supported USB, GPIB, TSP and Ethernet (LXI)
10.	Expansion Interface for Multichannel operation	TSP link –used for Trigger and communication with each other supporting Master Slave mode
11.	Dual Inputs	Front Panel-Banana Jacks Rear Panel- Triax Connectors
12.	Measuring Speed	≥ 3000 Reading/sec
13.	Source and measure resolution	At least 6.5 digit or more
14.	Mode of Measurement	Current, Voltage, Resistance, Power.
15.	Display & Control	i. Display must be 5" and Full Color Capacitive Touch Screen ii. Icon based control to setup measurement, source and graph display
16.	Storage And Export data	There should be front panel USB pen drive slot
17.	Warranty	12 Months or more
18.	I-V Characterizer App Software	Inbuilt Instrument Control Software for performing I-V measurements.
19.	Low Noise TRIAX Cable	2 NOS. TRIAX Cable should be provided with the Mainframe.
20.	Power Supply	220V AC, 50Hz

Sukdev Solai
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Sarfed Munsal
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Delivery Period:

The deliveries & installation must be completed within 45 days, after placement of procurement order. The time is the essence of the contract. It is mandatory for the bidders who respond to this bid to meet these expectations, as are tightly linked to Ramsaday College's plans of completing the project within the time frame.

Locations for the Supply / Services:

The Supply and Installation of Source Measure Unit (SMU) covered by this document is required to be done at Ramsaday College.

The Offer should comprise of the following:

- (i) The offer should be complete to indicate that all products and services asked for are quoted.
- (ii) The purpose of certain specific conditions is to get or procure best Equipment/service etc. for Ramsaday College, Amta, Howrah-711401, West Bengal. The decision of Purchase Committee shall be the guiding factor for selection of the responsive firms.
- (iii) Duly filled in Bid with proper seal and signature on each page of the bid should be submitted online and the same should accompany with complete specifications, Manufacturer's name, address and relevant Technical Literature / Brochures with warranty Terms.
- (iv) Agreements / Purchase Orders and Completion certificates if any, for similar works in other Institutes, the details of such supplies for the preceding three years should be given together with the prices eventually or finally paid.
- (v) Copy of GST No. and PAN Number allotted by the concerned authorities.
- (vi) The prices should be shown against each item for the purpose of Insurance claims / replacements if any.
- (vii) Compliance sheet with any deviation with reference to the terms and specifications.
- (viii) The item should be supplied with manuals and the manuals including technical drawings should be complete in all respects to operate without any problem.

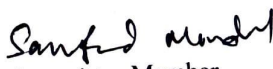


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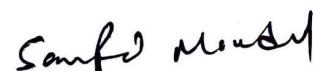
(ix) Duly filled in checklist should be submitted along with tender.


(x) The Bidders are requested to quote for Educational Institutional Price for Equipment's, since we are eligible for the same.

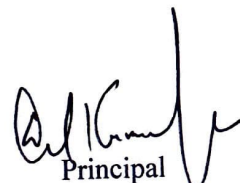
Warranty / Support:

1. The items covered by the schedule of requirement shall carry minimum One year of comprehensive warranty from the date of acceptance of the equipment by Ramsaday College, Amta, Howrah-711401, West Bengal. Warranty shall include free maintenance of the whole equipment supplied including free replacement of parts. The defects, if any, shall be attended to on immediate basis but in no case any defect should prolong for more than 7 working days. The comprehensive warranty includes onsite warranty with parts.
2. The defects, if any, during the guarantee/warranty period are to be rectified free of charge by arranging free replacement wherever necessary. This includes cost, insurance, freight, GST duties if any should be borne by the beneficiary. A clear confirmation should be given for this item.
3. The warranty on the associated software should cover providing of upgraded version/s, if any, released during the warranty period free of cost.
4. The vendor will have to arrange for all the testing equipment & tools required for installation, testing & maintenance etc.


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Payment:

PAYMENT TERMS-No advance payments are allowed under any circumstances.

A) INDIGENIOUS

Payment will be made directly to the suppliers by **Cheque book** after receipt of the goods, tested /inspected and found satisfactory with regard to quality, quantity, and specifications ordered for and after satisfying that the terms and conditions of supply have been fulfilled.

B) IMPORT

i) Payment will be made directly to the suppliers by wire transfer for 100% of the Invoice value after receipt of the goods in our Stores, tested /inspected and found satisfactory with regard to quality, quantity, and specifications ordered for and after satisfying that the terms and conditions of supply have been fulfilled.

Techno-Commercial Bid:

The techno commercial bid contains following documents.

- 1) Registration Certificate By Bidder.
- 2) Previous Supply Order Format.
- 3) Manufacturer's Authorization Certificate
- 4) Bidder Information.
- 5) No Blacklist/No criminal certificate.
- 6) List of deliverables.

Sukdev Solari

Principal
Investigator

Principal Investigator

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Sande Mondal

Committee Member
(Internal)

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- 7) Self-Attested copy of GST Number (as applicable)
- 8) Tender Terms & Conditions Acceptance signed with official seal is attached
- 9) Price bid should be submitted in PDF Format along

Terms and Conditions for the Bidder:

1. Ramsaday College reserves the right to award / reject the order to any particular bidder without assigning any reason thereof.
2. Bidders should not be under a declaration of ineligibility for corrupt and fraudulent practices.
3. Bidders should QUOTE strictly in accordance with the requirements.
4. Bidders shall adhere to the procedure and processes laid down in this document and shall follow fair and ethical practices of trade.
5. Based on the list of installations provided by the bidder, Ramsaday College will have its option to obtain details of the installations, their performance, after sales services etc. for evaluation of the tender, directly from the concerned organizations
6. Firms which have already supplied to RAMSADAY COLLEGE, AMTA, HOWRAH and have not completed required installation/after sales service/warranty replacements etc. such firms offers will not be considered for further evaluation and no enquiries thereafter will be entertained.
7. Conditional Offers will not be considered.
8. RAMSADAY COLLEGE, AMTA, HOWRAH, will not provide any accommodation/transportation for the engineers/ representatives for attending installation. It is the absolute responsibility of the supplier to make their own arrangements.
9. The authorized person who signs the tender is required to indicate his e-mail ID, mobile No. and also general e-mail ID for easy and faster communication.
10. Quotations must be submitted in Indian rupees.
11. **Earnest Money Deposit (EMD):** The tenderer should submit an EMD amount through through RTGS/NEFT as per schedule to the **Account Holder Name: Ramsaday College General Fund, Account Number: 917010028123178, IFSC code- UTIB0002782, Bank Name-Axis Bank, Branch- Amta.** The Technical Bid without EMD would be considered as unresponsive and will not be accepted. The EMD will be refunded without any interest to the unsuccessful interest to the unsuccessful bidders after the award of contract.

Gurdeep Sotiari
Principal
Investigator
Principal Investigator
SEPA-SURE-SUR/2022/003258
07/10/2023

Sanjay Kumar
Committee Member
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Head Dept. of physics
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Principal
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Goods and Services Tax (GST) Deduction


a. Central Goods and Services Tax (GST) Deduction: 1%


b. State Goods and Services Tax (GST) Deduction: 1%


Or, Integrated Goods and Services Tax (GST): 2%

As per Section 51(1) of the Goods and Services Tax Act, appropriate deductions will be made from the total bill amount.


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Committee Member
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