



SOUTH ASIAN UNIVERSITY

Rajpur Road, Maidan Garhi

New Delhi – 110 068

Phone: +91 -11-20862652, +91-11-20862806 www.sau.int

INVITATION FOR BIDS

Supply & installation of ULT freezer

Tender No. SAU/EP/FLSB/2023/21 dated 07.11.2023

The South Asian University (SAU) is an International University sponsored by the eight member countries of the South Asian Association for Regional Cooperation (SAARC) viz. Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and Sri Lanka.

Sealed quotations are invited from reputed manufacturer/authorized distributors/dealers, etc. for supply & installation of **ULT freezer** for South Asian University addressed to “Assistant Registrar (E&P), Room No. ES 203, South Asian University, Rajpur Road, Maidan Garhi, New Delhi 110068. The detailed specifications are attached at Annexure-I.

Conditions for Submission of Bids

1. Sealed quotation should reach the University latest by 24.11.2023 up to 3.00 p.m. Quotation(s) received beyond the last date of submission will be rejected. All received bids will be opened on the same day at 3:30 pm. No quotation(s) will be entertained by e-mail or fax.
2. In the event of the due date of receipt and opening of the tender being declared as a holiday for the University, then due date of receipt/opening of the tender will be the next working day at the same time.
3. Bidder shall be required to submit the Earnest Money Deposit (EMD) for an amount of Rs. 37146.00 for Ultra Low Temperature Freezer-80 degree in the form of Demand Draft Banker's Cheque/Bank Guarantee which is refundable drawn in favor of **South Asian University**, payable at New Delhi.
4. The University reserves the right to split the order in view of time constraint or select certain items in single or multiple units and reject the others or all as mentioned in the schedule and to revise or alter the specifications before acceptance of any tender and accept or reject any or all tenders, wholly or partly or close the tender without assigning any reason whatsoever.
5. The tenderer while sending their tender should enclose a copy of the conditions stipulated duly certified and attested by them in token of accepting the tender conditions that they understood and accepted them in full. Tenders received without the certified copy of the conditions shall be rejected summarily.
6. The loading, unloading at SAU and bringing the material up to the work location shall be responsibility of the contractor/supplier.
7. The rates shall be inclusive of transportation, loading, unloading & handling charges and nothing extra will be paid **(F.O.R Delhi Airport)**.



SOUTH ASIAN UNIVERSITY

Rajpur Road, Maidan Garhi

New Delhi – 110 068

Phone: +91 -11-20862652, +91-11-20862806 www.sau.int

8. **TERMS OF DELIVERY:** All the supplies should be delivered & installed at LSES Building, South Asian University, Rajpur Road, Maidan Garhi, New Delhi – 110068
9. **DATE OF DELIVERY:** The date of delivery shall strictly be adhered to, failing which the University reserves the right of not accepting the supplies and to charge suitable damages or to effect purchase at the supplier's cost and risk. If the supplier fails to supply the goods on or before the above mentioned delivery date, compensation may be recovered at the rate of 1% of the cost of order for every weeks delay or fraction thereof subject to a maximum of 10% of the cost of goods. If and when required, the extension for date of delivery should be obtained with proper justification
10. **DISCREPANCY OR OMISSIONS:** The payments are made strictly on the basis of the payment terms of the contract/work order which will be mentioned below and the contractor/supplier is advised not to change anything over and above the amount stipulated in the work order. In the event of there being any discrepancy, the matter should first be referred to the undersigned for examination and if necessary issue of necessary amendments to the supply order before submission of the bill.
11. **INVOICE:** Along with the supplies, the supplier shall submit the invoice in duplicate that is pre-receipted and affixed with stamps, where necessary. Bills not conforming to all clauses are liable to be returned to the suppliers and responsibilities of delay in payment would rest with them.
12. **PAYMENT:** Will be made 100% when all the items have been delivered & installed against a particular order to the satisfaction of the University
13. The South Asian University is an International Organization declared by the Central Government in pursuance of Section 3 of the United Nations (Privileges and Immunities) Act, 1947 (46 of 1947) and is therefore entitled to claim refund of Goods and Services Tax (GST) paid on the procurement of Goods and/or Services.

We have been allotted UIN: **0717UNO00175UNQ**

Please ensure that our UIN is mentioned on all invoices raised on us for the goods and services supplied. The invoice raised should be in conformity with the various provisions of respective GST Acts and should include the following-

- The Invoice should be Tax Invoice;
- Name, address and GSTIN of the supplier;
- Invoice Number;
- Date of issue
- Name, address UIN of the recipient;
- HSN code of goods or Accounting Code of services (SAC);
- Description of goods or services;
- Quantity in case of goods and unit or Unique Quantity Code thereof;
- Total value of supply of goods or services or both;
- Taxable value of supply of goods or services or both considering discount or abatement, if any;
- Rate of tax (central tax, State tax, integrated tax, Union territory tax or cess);



SOUTH ASIAN UNIVERSITY

Rajpur Road, Maidan Garhi

New Delhi – 110 068

Phone: +91 -11-20862652, +91-11-20862806 www.sau.int

- Amount of tax charged in respect of taxable goods or services (Central Tax, State Tax, Integrated Tax, Union territory Tax or cess);
 - Place of supply along with the name of State, in case of a supply in the course of inter-State trade or commerce;
 - Address of delivery where the same is different from the place of supply;
 - Signature or digital signature of the supplier or his authorized representative.
14. **PERFORMANCE SECURITY:** The successful bidder shall be required to furnish a Performance Security of 5% of the total value of the contract within 14 days of the purchase order. Performance security may be furnished in the form of an Account Payee Demand Draft/ Fixed Deposit Receipt/ or a Bank Guarantee from any Scheduled Commercial Bank in an acceptable form to the University drawn in favour of “South Asian University”, New Delhi. Performance security shall remain valid for a period of sixty days beyond the date of successful installation of the equipment and warranty period. No interest will be payable by SAU on the Performance Security.
15. **DAMAGES / ACCIDENTS:** If some major or minor damage happens to the given property under this work order during the period of execution, the contractor/supplier is liable to rectify the damage / damages at his own cost and cannot charge from the University. The contractor/supplier is liable for the safety of his own staff/labors while executing the work, if any accident happens to any of them the contractor will be responsible for that.
16. **ORDER CONFORMITY:** The items of works which are not found to be not up to the quality expected by the South Asian University & do not conform to the description/specifications laid down in the work order, will be rejected at the contractor/supplier’s cost and risk.
17. **DISPUTES:** In case of any disputes, differences or objections connected with or arising out of the works awarded with this work order or the meaning or operation of any part of the terms, the matter shall be referred for arbitration to any officer appointed by the President of the South Asian University and whose decision shall be final and binding.

Yours faithfully,

Asst. Registrar (E&P)

Contractor/supplier’s seal & Signature



SOUTH ASIAN UNIVERSITY

Rajpur Road, Maidan Garhi

New Delhi – 110 068

Phone: +91 -11-20862652, +91-11-20862806 www.sau.int

Annexure I

ULT freezer

SPECIFICATION FOR ULTRA LOW TEMPERATURE -80 ULT FREEZER:

1. Deep freezer should have Programmable operating temperature from -50°C up to -86°C with 1°C increment at 32°C Maximum ambient operating temperature. Fully programmable microprocessor controlled with membrane keypad and eyelevel control panel.
2. Capacity should be of 570 or more.
3. Freezers should have an automated vent port for quick re- access to samples as part of the eye level display and also Compressor fan air filter conveniently located on the front panel for ease of access.
4. System should be highly energy efficient, with energy consumption around 8.3 KWh/day (0.413 KWh/ft^3) when freezer is at -80°C and 5.7 KWh/day (0.284 KWh/ft^3) when freezer is at -70°C or better.
5. Insulation should be of advanced PolyUrethane Foam (PUF) to maintain highest heat insulation.
6. System Exterior should be made up of powder coated Steel to resist scratch and rust and the interior should be of Polished Stainless-Steel grade 304 2B for easy cleaning and to eliminate potential for oxidation.
7. Should have At least 5 Inner compartments with 5 inner doors with tight sealing to prevent temperature loss. Outer door should have reinforced tight sealing.
8. Ambient ($20^{\circ}\text{C} \pm 1^{\circ}\text{C}$) to -80°C Pull down time should be 3 hrs 50 min or lesser; with freezer being maintained empty
9. Warm up time (freezer 2/3 full, from -85°C to 0°C) of at least 40 hrs or longer; 9 hrs for Warm up from -85°C to -50°C , freezer 2/3 full or longer
10. Should have security keyed locks with option to lock the ergonomically designed door handle with a in-built padlock; no third party padlock to be supplied with ULT.
11. System should have Heavy duty castors wheels to easily move the freezer easily.
12. Freezer should have Cabinet uniformity (freezer set to -80°C) of $+7.2^{\circ}\text{C}/-0.0^{\circ}\text{C} [\pm 3.6^{\circ}\text{C}]$ or better with Enhanced shelf design for efficient and consistent air circulation in the chamber and rounded metal rims of shelf edges for enhanced safety of users' fingers.
13. System should have Silence level/Noise level (at -80°C) 58 dBA or lesser
14. Freezer must have battery back-up and password protection security for unauthorized tampering of freezer settings.
15. System should have Option for RS-485 interface and option for online connectivity via box-internet for online monitoring.
16. System should have battery powered back-up circuit; in event of a main/power outage the battery should supply power to the alarms and display for up to 72 hrs. at least.
17. Audible and visible alarms for temperature, power failure, system failure, battery low etc.
18. Freezer must have HFC-free, CFC-FREE, HCFC-FREE non-flammable refrigerants, and should have Green Natural HC, Gas based refrigeration system (High stage: R290; Low stage: R170).
19. It must be energy efficient and hermetically sealed two stage cascade refrigeration system.
20. Freezer must have ISO 9001 standard quality test requirements and IEC 61010 Electrical safety CE certified.
21. Freezer should have electric supply of 230v/50hz, 10 amps. Single phase.
22. Optional Back Up for CO₂ and LN₂ are available.
23. Freezer should have electric supply of 230v/50hz, 10 amps. Single phase.
24. Technical bid should contain at least 5 letters in official letterhead from Scientist or Faculty members from Government funded research Institute or Universities who are using the same model for at least two years.



SOUTH ASIAN UNIVERSITY

Rajpur Road, Maidan Garhi

New Delhi – 110 068

Phone: +91 -11-20862652, +91-11-20862806 www.sau.int

25. There must be at least 50 installations of the same item in Universities or Research Institutes in India. A user's list should be submitted along with the quotation.

26. **5 years comprehensive warranty on freezer covering all manufacturing defects.**

27. To be supplied along with freezer:

a. 5 KVA Servo voltage stabilizer

b. A Thermo-static device with wide temperature control and application range (from 30 °C below RT upto 110 °C), Temperature setting -10 to 110 °C, with 1° C increment and Selectable "time" and "temp" controls , Peltier element controlled heated thermo Top/Lid for prevention of formation of condensation in the vessel top, thus to provide, Thermo block 24X 1.5ml should be provided with exchange option. CE certified in accordance to European standards or US FDA approved. One year warranty covering all manufacturing defects.



SOUTH ASIAN UNIVERSITY

Rajpur Road, Maidan Garhi

New Delhi – 110 068

Phone: +91 -11-20862652, +91-11-20862806 www.sau.int

PRICE SCHEDULE

(Financial bid)

S. No.	Description of Items	Qty.	Unit Price (INR)	Tax	Total price with taxes (INR)
1	ULTRA LOW TEMPERATURE -80 ULT FREEZER				
	Total				

DECLARATION

1. This is certified that the rates quoted above are not more than the rates charged from any other Institution / Department / Organization.
2. I / We have gone through the terms & conditions stipulated in the tender document and confirm to abide by the same.
3. Price shall be inclusive of all; cost of material, supply, transportation, etc., no other charges would be payable by the University.

Full Name of the Bidder:

Signature of the Bidder: Date:

Official Seal



SOUTH ASIAN UNIVERSITY

Rajpur Road, Maidan Garhi

New Delhi – 110 068

Phone: +91 -11-20862652, +91-11-20862806 www.sau.int

DECLARATION REGARDING BLACKLISTING / DEBARRING FOR TAKING PART IN TENDER

- (I) We are not involved in any litigation that may have an impact of affecting or compromising the delivery of the services as required under this tender.
- (II) We are not black-listed by any Central/State Government/Public Sector/Educational Institute Undertaking in India.
- (III) I/we undertake that the documents submitted are genuine/authentic and nothing material has been concealed there from and that I/we are not debarred by any Government organization and are competent to have the contract. I/we understand that the contract is liable to be cancelled, if found to be having obtained, through fraudulent means/concealment of information.

(Signature of Authorized Signatory)

Date:

Name of the bidder: _____

Complete Address : _____

Contact Nos. _____



SOUTH ASIAN UNIVERSITY

Rajpur Road, Maidan Garhi

New Delhi – 110 068

Phone: +91 -11-20862652, +91-11-20862806 www.sau.int

Check List for Submission of Bid

1. Earnest Money Deposit of Rs. 37146.00
2. Self-declaration to the effect that the company has not been black listed
3. Company Registration Number (Attach attested copy of certificate)
4. GST Registration No. (Attach attested copy of certificate)
5. Manufacturers' authorization letter in case of a dealer
6. Bid document have been duly completed and signed as per instructions
7. Bid is enclosed in a sealed cover with reference to the Tender No. and Tender Name