



INDIAN INSTITUTE OF TECHNOLOGY,
KANPUR GT ROAD, KALYANPUR, KANPUR
– 208016 UTTAR PRADESH, INDIA

TENDER REFERENCE NO. : IITK/BSBE/JGR/2020-21/01

BID SUBMISSION END DATE- 22.01.2021

[extended to 29.1.2021]

TENDER DOCUMENTS

FOR

“PURCHASE OF DEEP FREEZER -80°C”

Tender document

Department of Biological Sciences and Bioengineering
Indian Institute of Technology Kanpur
Kanpur (UP) 208016 India

Enquiry date: 11.01.2021

Enquiry No: IITK/BSBE/JGR/2020-21/01

Sealed quotations are invited for Purchase of Deep Freezer (-80°C). The detailed specification of the instrument required is given:

SPECIFICATION FOR ULTRA LOW TEMPERATURE -86 DEEP FREEZER

1. Freezer should be of 570 Liters or more capacity.
2. System should have Programmable operating temperature from -50°C up to -86°C .
3. Fully programmable microprocessor controlled with membrane keypad and eye level control panel.
4. Construction should be of Polyurethane insulation combined with a highly efficient cooling system.
5. System should have quick door opening possibility & improved temperature uniformity with an Automatic vent port located within the user interface panel at eye level & with easily accessibility.
6. System should have reduced energy consumption with high efficiency fan, with associated washable front-mounted panel air filter which can be easily accessed without tools, for periodic cleaning & maintenance. It should also have a high efficiency compressor & condenser which would also reduce energy consumption.
7. System should be made up of 18 gauge Steel, 1.2 mm thick with powder coated paint to resist both scratch and rust and the interior should be polished and fabricated with 304 Stainless Steel (SS) for easy cleaning and which also eliminates any potential cause/reason for oxidation (rusting).
8. Inner door should have silicone seal for improved temperature insulation & to prevent temperature loss with state of art magnetic closures for easy access and robust usage.
9. Outer door should have safe silicone triple point seal for improved insulation & to prevent temperature loss with an ergonomically designed handle that requires minimal force to operate & also with minimal risk of injury to users for improved user comfort.
10. Freezer should have five Compartment with four adjustable height stainless steel shelves and five inner doors with magnetic closures & silicone seal for improved thermal protection of samples and robust usage of the system.

11. System should be able to pull down the temperature from ambient temperature to -85°C (degree Centigrade) in 5.1 hrs. .
12. Should have security keyed locks on the outer door handles to keep out unauthorized users
13. Freezer must have battery back-up for the display in case power outage and 4 PIN security lock to prevent unauthorized tampering.
14. Audible and visible alarms for temperature, power failure, system failure, battery low etc.
15. Freezer must use CFC-FREE, HCFC-FREE nonflammable refrigerants, and refrigeration
16. System must be energy efficient and hermetically sealed two stage cascade refrigeration system.
17. System should emit minimal noise during operation (upto 60dB) for user comfort.
18. Freezer must have ISO 9001 standard quality test requirements and IEC 61010 Electrical safety CE & UL certified. System should have Quality Certificates.
19. Should be supplied with 5 KVA Servo Voltage Stabilizer.

Terms and Conditions:

1. Quotations must be valid till February 28th, 2021.
2. Warranty & Support: 03 years comprehensive warranty.
3. Rack holders of stainless steel to hold individual cryobox (12 x 12 x 5 cm)- 12 nos.
4. IIT Kanpur is Partially exempted from payment of GST(@ 5%, only) IIT Kanpur.
Will provide GST Exemption Certificate for the same.
5. Tender Specific Manufacturer Authorization Form from OEM Required.
6. The Institute reserves the right of accepting or rejecting any quotations without assigning any reason thereof.
7. Installation by OEM is preferred

Dr. Jayandharan G Rao,
Professor,
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Indian Institute of Technology Kanpur
Kanpur 208 016, India

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

Date: _____

To,

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: - _____

Dear Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:

_____ as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organisation too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.

5. I / We do hereby declare that our Firm has not been blacklisted/ debarred/ terminated/ banned by any Govt. Department/Public sector undertaking.

6. I / We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,
(Signature of the Bidder, with Official Seal)