

Ref: INS/L-5582/2019-2020(Y)

Date : 26/10/2019

ENQUIRY

Dear Sirs,

Please let us have your lowest Quotation for the following :

| Sl.No | Cat.No | Item Description | Make/Model | Item Qty | UOM |
|-------|--------|---|------------|----------|-----|
| 1 | | Freezer Dryer (Specifications Attached) | | 1.00 | No. |

Remarks: 2 PART TENDER: The Technical and Financial / Price Bids shall be submitted simultaneously in two (2) cover (sealed) system. The proposals shall be evaluated in two stages: (1) Technical and (2) Price / Financial. Technical evaluation will be carried out and those Vendors who score minimum 75% will qualify for Price Bid opening. Thereafter, Financial Proposal shall be evaluated. The Commercially LOWEST BIDDER shall be the first preferred Vendor for award of Order.

Note :

1. The bids shall be enclosed in an envelope , and due date sealed duly marked "Tender for _____" Ref No : _____. The bids should be addressed and to be mailed to "**THE HEAD-PURCHASE**". The bids are liable to be rejected if the sealed envelope is not addressed to "**THE HEAD-PURCHASE**" with Tender Ref No and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier or mail , it should reach by submission Date and Time and inStem will not be responsible for the delay.

**2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS
13/11/2019 till 12.30 P.M.**

3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.

4. The Validity of your quotation should be for 60 days from the date.

5.All duties,taxes,surcharge and cess as currently applicable must be sated in your quotation,seperately.Otherwise your quote is liable to be rejected.

6.Your quotation should indicate delivery period & Warranty period.

7.Delivery to be made to our Stores.Please indicate charges,if any extra.Transit Insurance should be done upto inStem Stores.

8.If you are unable to supply the quality,specifications or brand as mentioned in our enquiry,Please state so and then offer alternative to quality/Specifications.

9.Payment :within one month after delivery & acceptance/satisfactory installation.

10.Please ensure that the enquiry number and the due date is superscribed on the envelope failing which your quotation is liable to be rejected.

11.Since we are a public funded research institution,we are exempted from paying Customs Duty(Except advolerum duty of 5% + 2% cess and CVD @4% vide Notification No.51/96 with latest amendments) and excise duty vide Notification No.10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments,technical instruments,equipments(including computers),their accessories,spares,consumables and software.Hence,please offer your prices taking this option into consideration.



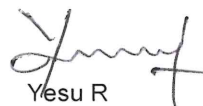
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12.If the item is covered under DGS&D rate contract,please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

13.Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees.The decision of the arbitrator shall be final and binding on the parties.The venue for arbitration shall be Bangalore.The provisions of the Arbitration and Concillation Act,1996 as amended from time to time shall apply.The Courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties.

Yours faithfully
For and on behalf of Insitute For Stem Cell
Biology and Regenerative Medicine



Yesu R



GKVK, Bellary Road, Bangalore-560065,INDIA

Phone No. : 91-80-23666343/344/345/346

Email Id: purchase@ncbs.res.in

Fax : 91-80-23636662

Website : www.ncbs.res.in

2 PART TENDER FOR Freezer dryer-Qty 01 No.

P.O. No: INS/L-5582/2019-2020(Y)

Tender Specification for Freezer dryer -Qty 01 No.

| |
|---|
| · Benchtop Freeze Dryers are designed for lyophilizing light to moderate sample loads it should be compact and consume less bench space. |
| · The upright stainless steel PTFE coated collector coil should be able to hold 4.5 liters of ice before defrosting. |
| · Two 1/2 hp HCFC/CFC-free refrigeration systems cool the collector to -105° C (-157° F) at 60 Hz or -102° C (-152° F) at 50 Hz, suitable for low eutectic point samples including acetonitrile and dilute methanol and ethanol. |
| · Full color, 5" capacitive touch screen |
| · Real time display of collector temperature, vacuum level, |
| Start-up mode for collector cool-down and vacuum pull-down (automatic or manual). |
| Operating mode (standby or run). |
| Vacuum set point, alerts, diagnostic tests, user manual, defrost control, and optional drying accessory parameters. |
| Data logging stores and displays data in table or chart format, and may be exported via USB or Ethernet. |
| Alerts are programmable to send via Ethernet connection to user-entered email addresses. |
| Display settings include brightness, touch sounds (on/off), and screen time out in minutes (on/off). |
| Maintenance alert settings include vacuum pump oil change, refrigeration cleaning, total operating hours and line voltage offset. |
| Level-specific security lock-out prevents changes to programs and other system parameters. |
| Hot gas defrost with auto shut off at +65° C (+149° F). |
| On/standby switch. |
| Moisture sensor that prevents refrigeration or vacuum start-up when moisture is detected in the drain line. |
| Vacuum control valve that maintains vacuum level set point. |
| Vacuum break valve that bleeds air into the system when power to the freeze dryer or vacuum pump is shut off. If a power outage less than approximately 5 minutes occurs, the freeze dryer will restart and the refrigeration and vacuum system will resume operation once power is restored. If the power failure is more than approximately 5 minutes and the collector warms above safe limits, the freeze dryer will not automatically restart. |
| Side-mounted USB port and rear-mounted Ethernet connection. |
| Side-mounted, quick-disconnect drain hose fitting and lanyard with hose connector. 18", 1/4" ID silicone tubing and clamp included. |
| Rear-mounted electrical receptacle for vacuum pump connection. |
| 3-wire electrical cord with plug. |
| 3/4" OD vacuum connection, 50" of 3/4" ID vacuum hose and two clamps. |
| A combination hybrid vacuum pump designed for use with acids and other harsh chemicals including TFA, TFA by-products, acetonitrile, HBe and HNO3 present in samples such as HPLC prepared and peptide purified materials. |
| Should have a 304 Stainless Steel Drying Chambers. Acrylic lid with neoprene gasket and valves and plastic moulded knobs. For 1/2" and 3/4" flask adapters. |
| Should be supplied with the glassware flask of 150ml,300 ml,600ml and 750 ml 2 sets with suitable adopters |
| Should have many optional drying chambers for multiple user requirements and quoted optionally to select if required. |
| System must have an upgradation option to connect to concentrator which has the option to concentrate samples from 2ml to 50ml samples |
| Quoted with a cart which is Powder-coated steel. 5.0" dia. casters. Bottom shelf accommodates a vacuum pump. 23.3" between shelves. Load capacity of 450 lbs. (204 kg).28.0" w x 28.0" d x 31.3" h. Shipping weight 120 lbs. (54 kg) |
| System must be supplied with 3-year warranty . A Bangalore based engineer should be available for installation, training and rectify any issue (in 2 working days) occurring within warranty period. |



Terms and Conditions:

1. The Technical and Financial / Price Bids shall be submitted simultaneously in two (2) cover (sealed) system. The proposals shall be evaluated in two stages: (1) Technical and (2) Price / Financial. Technical evaluation will be carried out and those Vendors who score minimum 75% will qualify for Price Bid opening. Thereafter, Financial Proposal shall be evaluated. The Commercially LOWEST BIDDER shall be the first preferred Vendor for award of Order.
2. **first sealed cover – Cover I**, and super scribed as **“Techno-commercial Bid”** and should contain Complete Technical details of the Instrument offered (Specifications, Technical Parameters, Advantages, etc.,)
3. The **second sealed cover – Cover II** super scribed **'Price Bid'** should contain **only rates** (should be duly signed with seal and filled with date wherever necessary)
4. THESE TWO COVERS SHALL BE AGAIN PUT INTO A SINGLE WAX SEALED COVER super scribed **“Freezer dryer -Qty 01 No.”** and should reach INSTEM on or before 13-11-2019 before 12.30 P.M”. This should be addressed to the Purchase Officer, inStem, NCBS, GKVK Post, Bellary Road, Bangalore – 65.
5. The tender to be quoted in foreign currencies & any other currencies approved/traded by RBI-USD/Euro/JPY/GBP/SGD/CAD/INR.
6. If the items as per specifications in our P.O. is not supplied (shipped) within the specified delivery schedule, then liquidated damages (not in terms of penalty) will be imposed automatically and shall be deducted from the bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.
7. **Original Equipment Manufacturer or Authorised Dealers should provide Authorized Distribution Certificate along with the Quotation.**



INFORMATION TO TENDERERS

The Tender shall be evaluated under 2 (Two) Bid System

I Technical Bid

II Financial Bid

TECHNICAL SPECIFICATIONS & EVALUATION CRITERIA WITH MARKS FOR 2

PART TENDER FOR "Freezer dryer -Qty 01 No.

| Specification for Freezer dryer | Score |
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| · Real time display of collector temperature, vacuum level, | |
| Start-up mode for collector cool-down and vacuum pull-down (automatic or manual). | 25 |
| Operating mode (standby or run). | |
| Vacuum set point, alerts, diagnostic tests, user manual, defrost control, and optional drying accessory parameters. | |
| Data logging stores and displays data in table or chart format, and may be exported via USB or Ethernet. | |
| Alerts are programmable to send via Ethernet connection to user-entered email addresses. | |
| Display settings include brightness, touch sounds (on/off), and screen time out in minutes (on/off). | 25 |
| Maintenance alert settings include vacuum pump oil change, refrigeration cleaning, total operating hours and line voltage offset. | |
| Level-specific security lock-out prevents changes to programs and other system parameters. | |
| Hot gas defrost with auto shut off at +65° C (+149° F). | |
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| System must be supplied with 3 year warranty. A Bangalore based engineer should be available for installation, training and rectify any issue (in 2 working days) occurring within warranty period. | |
| Total | 100 |
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