

Ref: INS/L-5340/2020-2021(Y)

Date : 26/09/2020

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		Organ Bath (Specifications attached)		1.00	No.

Note : 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.

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
12/10/2020 till 5.30 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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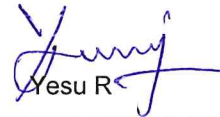
Date : 26/09/2020

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 Institute For Stem Cell
Science and Regenerative Medicine



Yesu R

GKVK, Bellary Road, Bangalore-560065,INDIA

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Fax : 91-80-23636662

Website : www.ncbs.res.in



2 PART TENDER FOR Organ Bath - Qty 01 No.

Ref No: INS/L-5340/2020-2021(Y)

Tender Specifications:

Four chamber tissue organ-bath: Made of clear perspective glassware. Provided with thermo regulated tissue chamber with 5 ml volume and other necessary accessories to perform the tissue contraction studies on 4 tissues at a time.
Amplifiers: Measuring forces under isometric conditions in dual range of 0 mg to 20 g wt, software controlled, automatic Zeroing and multi point calibration.
Force transducers: highly sensitive 87.5 $\mu\text{V/V/g}$ or better. Qty-02
Platinum Field Stimulating Electrode: should be able to provide a stimulus of, Frequency 0.1 Hz – 10 KHz, Duration of 1 μs – 999 mS, Train interval 0.1 – 999.9 S, Train duration 1 – 9999 mS. Stimulator should have both constant voltage (0 – 150 V) and constant current mode (0 – 100 mA). Setup should have provision for direct and field stimulus. Field stimulus electrode should be made of platinum material with dual rings (8 mm diameter & 20 mm spacing between the rings). Qty-02
Micromanipulator : should be supplied for precision preload adjustment
2-Channel Stimulator including 2 Pulse generators and 2 Power units: Capable of providing stimulation pulses of 1 Hz - 10 KHz (1 Hz step) and pulse duration of 1 - 9999 μs (1 μs step) or 1 - 9999 ms (1 ms step).
The System: software-controlled USB based four channel data acquisition system with minimum sampling rate of 400,000 samples (aggregate speed), 16 bit ADC resolution on all gain ranges and have variable sampling speed on each channel. Independent stimulator outputs with output resolution of 16 bits and software should provide Pulse, Step, Ramp etc. waveform generating options for stimulus. Should have an option for Electrical stimulation in the tissues. The system should have world-wide installation, acceptance and recognition in research publications globally. Performance certificates should be provided from the users using the system in India/abroad. System should have option to upgrade universal Bio amplifier to record ECG, EMG, EEG or any other bio potential signal, invasive blood pressure using fluid less micro-tip pressure sensor and non-invasive blood pressure preferably using Volume Pressure Recording.
Software: should be able to export the results in XML and tab-delimited text format for use in other applications, links displays in the Table View, Analysis View and chart view. Software should mark different dose levels and automatically add that to plotting / analysis. File saving programs should include Graph-Pad Prism, MatLab, IGOR, text, Binary, EDF etc. and should have 5 years of free upgrade on software.
Electrical equipment should have safety standard certification and allow a GLP upgrade option and GLP capability. Company should have direct office in India with dedicated staff for application support and also provide online support to reduce the downtime.
Warranty = 5 years



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 **“Organ Bath,”** and should reach **INSTEM on or before 12-10-2020 before 5.30 P.M.**. This should be addressed to the Purchase Officer, inStem, NCBS campus, 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 “Organ Bath -Qty 01 No.

Tender Specifications	Score
Four chamber tissue organ-bath: Made of clear perspective glassware. Provided with thermo regulated tissue chamber with 5 ml volume and other necessary accessories to perform the tissue contraction studies on 4 tissues at a time.	10
Amplifiers: Measuring forces under isometric conditions in dual range of 0 mg to 20 g wt, software controlled, automatic Zeroing and multi point calibration.	10
Force transducers: highly sensitive 87.5 μ V/V/g or better. Qty-02	10
Platinum Field Stimulating Electrode : should be able to provide a stimulus of, Frequency 0.1 Hz – 10 KHz, Duration of 1 μ S – 999 mS, Train interval 0.1 – 999.9 S, Train duration 1 – 9999 mS. Stimulator should have both constant voltage (0 – 150 V) and constant current mode (0 – 100 mA). Setup should have provision for direct and field stimulus. Field stimulus electrode should be made of platinum material with dual rings (8 mm diameter & 20 mm spacing between the rings). Qty-02	10
Micromanipulator : should be supplied for precision preload adjustment	10
2-Channel Stimulator including 2 Pulse generators and 2 Power units: Capable of providing stimulation pulses of 1 Hz - 10 KHz (1 Hz step) and pulse duration of 1 - 9999 μ s (1 μ s step) or 1 - 9999 ms (1 ms step).	10
The System: software-controlled USB based four channel data acquisition system with minimum sampling rate of 400,000 samples (aggregate speed), 16 bit ADC resolution on all gain ranges and have variable sampling speed on each channel. Independent stimulator outputs with output resolution of 16 bits and software should provide Pulse, Step, Ramp etc. waveform generating options for stimulus. Should have an option for Electrical stimulation in the tissues. The system should have world-wide installation, acceptance and recognition in research publications globally. Performance certificates should be provided from the users using the system in India/abroad. System should have option to upgrade universal Bio amplifier to record ECG, EMG, EEG or any other bio potential signal, invasive blood pressure using fluid less micro-tip pressure sensor and non-invasive blood pressure preferably using Volume Pressure Recording.	10
Software: should be able to export the results in XML and tab-delimited text format for use in other applications, links displays in the Table View, Analysis View and chart view. Software should mark different dose levels and automatically add that to plotting / analysis. File saving programs should include Graph-Pad Prism, MatLab, IGOR, text, Binary, EDF etc. and should have 5 years of free upgrade on software.	10
Electrical equipment should have safety standard certification and allow a GLP upgrade option and GLP capability. Company should have direct office in India with dedicated staff for application support and also provide online support to reduce the downtime.	10
Warranty = 5 years	10
Total	100
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.	

