

TENDER NOTICE

Sealed Bids are invited from GST registered reputable firms/suppliers/manufacturers for supply of following Equipment for International Islamic University, Islamabad:

Sr. #	Name of Item	Document Fee
1	Supply of Laboratory Equipments for Centre for Interdisciplinary Research in Basic Science (CIRBS), FBAS	Rs.1000/- (Specifications of the item(s) are mentioned in the tender documents.)

2. Tender documents can be downloaded from www.ppra.org.pk and www.iiu.edu.pk.
3. Tender fee i. e. Rs.1000/- (Non-refundable) will be deposited along-with bid/tender in shape of Call Deposit/Bank Draft in favor of IIUI.
4. Tenders valid for a period of 04 months on F.O.R basis along-with earnest money @2% (refundable) of total bid in the shape of Call Deposit/Bank Draft in the name of International Islamic University, Islamabad, must reach in the Office of undersigned on or before **Tender Closing Date i. e. 15-4-2015 up-till 10:30 A. M. which will be opened on the same date at 11:00 A. M.** in presence of the bidders/their representatives who may like to attend the opening ceremony.
5. The University reserves the right to accept or reject any/all bid(s)/tender(s) in terms of Section-33 of Public Procurement Rules, 2004.

Javaid Rabbani, Assistant Director (P&S), Room # 213, (2nd Floor) Administration Block, Sector H-10 International Islamic University, Islamabad, Phone # 9019255

**INTERNATIONAL ISLAMIC UNIVERSITY ISLAMABAD
(Purchase & Stores Section)**

No. 17/11/2015/P&S-

March 27, 2015

M/s _____

**SUBJECT: Tender Documents for Supply of Laboratory Equipments for
Centre for Interdisciplinary Research in Basic Science (CIRBS), FBAS**

Dear M/s,

You are invited to submit tender for supply of above item in accordance with the specifications enclosed at **Annex-I**.

2. Sealed tenders valid for a period of 04 months alongwith Earnest Money @ 2% of the total value of tender in shape of Call Deposit/Bank Draft in the name of "International Islamic University, Islamabad" **must reach the undersigned on or before 15-4-2015 up to 10:30 A. M.** The tenders will be opened on the same day **at 11:00 A. M.** in presence of the bidders/their representatives who may like to attend the opening.
3. Tenders received after the due date and time will not be entertained.
4. Amendments/alteration/cutting and overwriting etc. in the tender must be signed in full by the person who has signed the tender. Changes or revisions in rates after the opening of tender will not be allowed.
5. Tenders must be in a sealed cover and on the envelope, it must be written in bold letter **"TENDER FOR SUPPLY OF LABORATORY EQUIPMENTS FOR CENTRE FOR INTERDISCIPLINARY RESEARCH IN BASIC SCIENCE (CIRBS), FBAS"** to be opened on **15-4-2015** & should be sent in the name of Assistant Director-II(P&S), International Islamic University Administration Block New Campus, Sector H-10, Islamabad.
6. The General Sales Tax Registration No. issued by the Sales Tax Department must be quoted in the bid, otherwise, tender shall not be considered.
7. Bid (s) without required earnest money or for lesser amount will be rejected as non responsive.
8. The successful bidder shall have to supply the required items on F.O.R. basis strictly within the stipulated period mentioned in the Supply Order otherwise Earnest Money will be forfeited.
9. **For successful bidder(s), 05% of total value of Purchase/Supply Order will be held by IIU till the completion of Warranty Period of the items.**
10. The University reserves the right to reject all bids in terms of Section-33 of Public Procurement Rules, 2004.


(Javaid Rabbani)

Assistant Director-II (P&S)
051-9019255

**Sub: SPECIFICATIONS OF LABORATORY EQUIPMENTS FOR CENTRE FOR
INTERDISCIPLINARY RESEARCH IN BASIC SCIENCE (CIRBS), FBAS**

Sr.	Item	Technical Specifications	Qty	Unit Price incl. of GST (Rs.)	Total Amount (Rs.)
1	Top loading Balance	Readability: 0.1 mg. Capacity: Approx 4100g Repeatability: ± 0.1 mg. Tare Range (Subtractive): Full of Capacity. Provided with Weighing chamber and AC Adaptor.	01		
2	Analytical Balance	Digital Microprocessor Controlled Capacity: 210g Readability: 0.0001g Tare range: 210g Display; LCD	01		
3	Laboratory Freezer	Temperature Range (Freezer) -10 to -40°C Voltage 220V – Visual/Acoustic alarm Digital Microprocessor Controlled	01		
4	Autoclave	Capacity minimum liters: 60L - 85L Cooling fans included Temperature range : 45 to 135 C Temperature accuracy : +_ 1 C Interior: Stainless steel Safety: Yes	01		
5	Laminar Flow Hood	Display Digital microprocessor controlled Filter efficiency 99.999% Air flow velocity Average 0.3~0.5m/s Noise level <60dB UV light Yes Fluorescent light Yes Front sash Tempered glass, anti ultraviolet radiation Interior Stainless steel	01		
6	Normal Temperature Shaking Incubator	Controller Digital PIC controlled Temp range ±05~60C Temp controlled accuracy +0.1C Temp display accuracy +0.1C Temp fluctuation +1C Temp controlled method Fuzzy logistic PID controlled Material Stainless steel Rotation Speed: 20 to 300rpm Optional spring racks	01		
7	Hot Plate Magnetic Stirrer	Ceramic Coated steel Temperature range: Ambient – 340C Speed range: 0-1500rpm Heating rate (1 liter water): 6K/min Motor type: Brushless Stirring capacity: 20L Preferably multi position	01		

Item	Technical Specifications	Qty	Unit Price incl. of GST (Rs.)	Total Amount (Rs.)
	Vertex Mixer Speed range: 250 to 2500rpm Shaking movement: Orbital, Motor type: Oilless bearings Built-in safety features regarding current overload	01		
9	Spectrophotometer Optical Design: Dual beam— internal reference detector Spectral Bandwidth: 1.5nm to 1.8 nm Wavelength: Range: 190 to 1100 nm Wavelength Accuracy: $\pm 0.3\text{nm}$ to $\pm 1.0\text{nm}$ Repeatability: $\pm 0.5\text{ nm}$ Slew Speed: 11,000 nm/min Scanning Speed 10, 100, 200, 400, 800, 1200, 2400, 3600nm/min Response: Fast, standard, slow Display: Graphical with LCD backlight Connectivity: USB type A port for USB stick Photometric range: -0.5 to 5.0 A ; -1.5 to 125 %	01		
10	Ice Machine Production capacity: upto 120kg/day With storage bin Air-cooled type	01		
11	PH Meter Display Type: Adjustable color graphic LCD Number of Channels: 1 (preferably 2) Measurement Range: -2.00....16.00 pH mV Range: -1999...+1999mV Accuracy pH: $\pm 0.01\text{ pH}$ pH Calibration: upto 3 points	01		
12	Single Distillation Apparatus Capacity: upto 4 Liters/hour Water pH: 5.0-6.5 Temperature: less than 35C Water distiller with storage tank Fully automatic operation with microprocessor control system	01		
13	Research Microscope with Camera and Fluorescent attachment Standard optical range: 20 to 1000 X Double layer mechanical stage Spectrum range of the exciting light : 350-550um For Fluorescent: 420-650um Cut off filter With multi objective fluorescent ICO Plan 4x, 10x, 40x, 100x. Minimum 15 mega pixel camera with min. 5 mega pixel camera for Fluorescent attachment	01		
14	Bench top centrifuge Complete with angel head of 8 tubes or places Max speed: 500-13000rpm Fitted with timer: 1-99 min Fitted with locking device Emergency lid lock released	02		
15	Micro Centrifuge Max speed 500 to 16000 rpm Speed increment 100rpm Max RCF: 17008 xg Max Capacity: 4 \times 100ml Timer: 1 to 99 min	01		

Item	Technical Specifications	Qty	Unit Price incl. of GST (Rs.)	Total Amount (Rs.)
	Refrigerated Centrifuge	01		
	Temperature range: -20 to + 40 Timer: 1 to 99 min Max speed 15000 rpm Max RCF: 21382 xg Max Capacity: 4 × 100ml			
17	Gel Documentation System	01		
	Excitation light source UV light-312 nm Blue light-470 nm Camera: Resolution 1280 (H) x 1024 (V); 1.3 megapixels Exposure time USB connection Optics Super bright lens F/1.4 fixed lens Optional: 16 mm Field of view 11 x 14 cm for 16 mm lens Emission filter Orange filter (ethidium bromid Green filter (Fluorescein, SYB With latest operating system and software Red filter (Qdot® 625)			
18	Digital Waving Rotator	01		
	Digital Speed Control: 8 to 100rpm Adjust tilt angle: 0° to 13° Compact design for placing in incubators (non-CO ₂), chambers, and refrigerators (up to 60°C) Timer Range: Continuous or 1min to 99hrs 59min			
19	Water Bath	01		
	Capacity: minimum 18 liters Temperature range: Ambient +5 °C to 99.9 °C Oscillations per Minute : 30 to 200 Temperature Uniformity at 37 °C ±0.05 °C Temperature Sensitivity ±0.05 °C			
20	Colony Counter	01		
	Digital Screen upto 999 counts Reversible interior back ground in light or dark Removable plates With magnifying glass support With adjustable height and rotation			
21	Pipette sets	04 sets		
	Adjustable volume micropipettes. Complete set ranging 0.1 to 1000 ml ml: 0.1 – 2.5 ml: 0.5 – 10 ml: 2 – 20 ml: 10 – 100 ml: 20 – 200 ml: 100 – 1000			

Item	Technical Specification	Qty	Unit Price incl. of GST (Rs.)	Total Amount (Rs.)
Western blot complete set	Complete set of all accessories for western blot analysis	01		
CO ₂ Incubator	With variable oxygen control • in-chamber HEPA filtration, automated high temperature decontamination • Choice of oxygen control ranges 1-21% or 5-90% for application flexibility • Water jacket or direct heat temperature management • Advanced oxygen sensor technology • With segmented inner doors	01		
24 Microwave Oven	Mechanical Rotatory control Speed defrost Multi power levels	01		
25 Media Suction pump	Small size pump for laboratory Vacuum(max) : 450mmHg Peak Free airflow : <20L/min Disposable container volume : 300ml	01		
26 Elisa Microplate Reader	Wavelength range : 300-800nm Temperature control: 5-50 C Dual wavelength With computer and software	01		
27 Inverted Microscope	Magnification: 4-100X With camera	01		
28 Homogenizer	With Direct Controller Permissible ambient temperature: 5-45C Speed range: 5000-35000rpm	01		
29 Hotplates	Temperature range: ambient to 150C Minimum for 50 samples	01		
30 Dry Oven for laboratory glassware	Temperature range: Ambient Temperature +5°C to 250°C Timer : 1 minute to 99.9 hours and hold position Interior chamber : Stainless steel Automatic audible and visual over-temperature alarm	01		
31 Incubator	Useful volume : 55 liters Temperature range : Ambient Temperature +5° C to 99,9°C Interior chamber : Stainless steel Programmable PID microprocessor control system Digital displays for temperature and time Timer : 1 min. to 100 hours and hold position With insulation Adjustable safety thermostat Internal glass door Two shelves	01		

Item	Technical Specifications	Qty	Unit Price incl. of GST (Rs.)	Total Amount (Rs.)
	Manual Rotary Microtome	Universal Cassetter block holder Self-contained level Thickness 0.5-60 μ m	01	
33	Clean bench	Local made Designed for tissue culture	01	
34	Fume hood	Local made For standard laboratory conditions	01	
35	Refrigerator	Preferably double door with glass front Temperature range: 0 – 7 C	02	
36	Light chamber	Standard condition as required for Plant tissue culture Local made	01	
Total Amount				
Amount of Earnest Money				

In Words: (Rupees _____)

Note:

Please give all the available technical details of the items offered by you, supported with the technical literature, brochure, drawings and pictures, client list details, warranty, authorization certificates, etc.

For any further query, please contact with Dr. Imran Khan, Assistant Prof. (CIRBS) at his office telephone # 9019937