

## TENDER NOTICE

Sealed Bids are invited from only active registered Tax Payer Suppliers/authorized Dealers/manufacturers with FBR 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	<b>Rs.1000/-</b> (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. 10-11-2015 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. Only registered Suppliers /authorized Dealers/manufacturers who are active taxpayers in FBR List (ATL) are eligible for participation.
6. 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, (2<sup>nd</sup> 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-

October 19, 2015

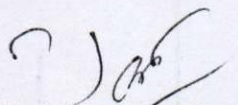
M/s \_\_\_\_\_

**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 10-11-2015 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 **10-11-2015** & 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's Description	Qty	Unit Price incl. of GST (Rs.)	Total Amount (Rs.)
1	<p><b><u>Fluorescent Microscope:</u></b></p> <p>Standard magnification Range:40x - 1000x</p> <p><b>Microscope Body:</b> Sturdy, 300 x 270 mm base</p> <p><b>Head:</b> TrinocularArctype, rotatable, interpupillary distance 48 - 75 mm</p> <p><b>Stage:</b> Double layer mechanical stage with low position, coaxial coarse, Size of table: 150x133mm</p> <p><b>Condenser:</b> Abbé multisystem condenser with aperture iris and filter tray, slot in condenser for PC and DF attachments. (3 sliders for BF/DF, BF/PC and BF/DF/PC. attachments available as option)</p> <p><b>Eyepieces:</b> EW 10x/20 Wide field.</p> <p><b>Objectives:</b> Objective ICO2 Plan 4x/0.10, WD 17.3mm, CC. 0.17 Objective ICO2 Plan 10x/0.25, WD 10.2 mm, CC 0.17 Objective ICO2 Plan 40x/0.65, spring loaded, WD 0.5 mm, CC 0.17 Objective ICO2 Plan 100x/1.25 oil, spring loaded, WD 0.13mm, CC 0.17.</p> <p><b>Fluorescent Attachment:</b>Equipped with 100W HBO burner and focusing/centering screws.Light-filter system with 1 slider included with these lgt waves:B (blue light), G (green light) and O (transmitted light). Excitation filter (EX) (B) EX490, (G) EX545. With UV filter.Double direction dichroic mirror (B) DM510, (G) DM580. Cut-off filter (BA) (B) BA530, (G) BA590. Power Supply 220V 50Hz. Accessories included in the set:2 pcs!Super high pressure spherical mercury lamp HBO100W.2 pcs. Fuse 250V: 8A. 1 pc. Screen for eye protection. 1 pc.Special oil for fluorescence. Objective FL ICO2 Plan 4x/0.10, WD 17.3mm, CC. Objective FL ICO2 Plan 10x/0.25, WD 10.2 mm, CC 0.17. Objective FL ICO2 Plan 40x/0.65, spring loaded, WD 0.5 mm, CC 0.17. Objective FL ICO2 Plan 100x/1.25 oil, spring loaded, WD 0.13mm, CC 0.17. Optional: With phase contrast, darkfield attachment, simple polarization set.</p> <p><b>Camera:</b>With 5 Mega Pixel CCD camera for fluorescence and 18 Mega Pixel SLR series camera</p> <p><b>Make:</b> Olympus, Micros, Nikon, Leica, Zeiss</p>	01		



	Item's Description	Qty	Unit Price incl. of GST (Rs )	Total Amount (Rs.)
2	<p><b><u>CO2 Incubator:</u></b></p> <p>Air jacket system, Temperature range from 7 °C above ambient up to 50 °C. Hot air sterilization at 180 °C (DIN 58947)</p> <p>Drift-free infrared CO2 measurement system. Microprocessor with LED display for temperature and CO2 concentration. Various alarm and status displays. Monitoring Lockable controller keyboard via 3-digit password. Independent temperature safety device class 3.1 (DIN 12880) with optical and audible temperature alarm, Patented Gas mixing nozzle. Inner glass door. Door lock. Door hinged right or left. Units are stackable with stacking adapter. 3 perforated shelves, stainless steel, Two BINDER CO2-incubators, stacked. Temperature variation at 37 °C (<math>\pm</math> K): 0.4. Temperature fluctuation (<math>\pm</math> K): 0.1. Recovery time after door opened: 30 sec. at 37 °C (min) 1): 5. O2 range (Vol.-% CO2). 0-20. Setting accuracy (Vol.-% CO2): 0.1. Recovery time after door was opened for 30 sec. 5 vol. % (min.) 1) 2): 7. CO2 measurement. IR. Connection hose nozzle for CO2 DN 6 for hose with internal diameter (mm): 6. Humidity (average values) (<math>\pm</math> 2 % RH). &lt;95. Hot air sterilization at: 180C. Capacity: 120 - 180 Liters</p> <p><b>Make:</b> Memmert, HT company, Shellab</p>	01		
3	<p><b><u>Microplate Reader With Software:</u></b></p> <p>Designed to meet the 98/79/EC IVD-D directive and the FDA 21 CFR part 11 regulation for data integrity. Full qualitative and quantitative analysis functionality including all major curve fits. Fully flexible data exporting options including Excel®, ASCII and ASTM. Comprehensive QC features including plate to plate QC. Comprehensive kinetic data reduction capability. Supplied on USB flash drive for easy installation on notebooks, laptops or desktop computers. Light source: LED, self calibrating</p>	01		



<p>Detectors: Silicon photodiodes. Measurement channels:8 + 1 reference. Wavelength range 400 – 750 nm. Wavelength selection Filter: (8 filter positions). Supplied filters: 405, 450, 492 and 620 nm. Plate formats: 96 well (including strip microplates). Measurement range: 0 – 4 OD. Resolution: 0.0001 OD. Accuracy at 450 / 492 nm: 0.000 – 2.000 OD <math>\leq</math> (0.5% + 0.010 OD) typical. 2.000 – 3.000 OD <math>\leq</math> (1.0% + 0.010 OD) typical. Precision / Reproducibility at 450 / 492 nm.0.000 – 2.000 OD <math>\leq</math> (0.5% + 0.005 OD) typical. 2.000 – 3.000 OD <math>\leq</math> (1.0% + 0.005 OD) typical. Linearity.0.000 – 2.000 OD <math>\leq</math> 1.0%. 2.000 – 3.000 OD <math>\leq</math> 1.5%. Computer Interface USB 1.1/2.0./ Shaking Liner 4 Modes. With Software</p> <p><b>Make:</b> Biogen technology, Thermofischer, Biotech</p>			
<b>Total Amount</b>			
<b>Amount of Earnest Money</b>			

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 Prof. Dr. Abdul Hamid, CIRBS at his office telephone # 9019721