TENDER NOTICE

INTERNATIONAL ISLAMIC UNIVERSITY ISLAMABAD (IIUI) is a Public Sector University and invites sealed bids from the Original Manufacturer or Authorized Distributors (With Valid Authorization/Distribution Certificate) or registered with Income Tax and Sales Tax Departments and who are on the **Active Taxpayers List** (ATL) of the Federal Board of Revenue (FBR) for the lots for IIU as per following:

#	Items' Description	Tender Fee *(Non-Refundable)*	Earnest Money *(Refundable)*
1.	**"Purchase of 200 VDI Solution along with Servers & VDI Software for FMS/FOC/IT, IIUI":** Rack Mounted Servers, VDI Client, HCI/VDI Software & VDI Fat Client/Mini PC *(Detailed specifications mentioned in Tender Documents)*	**10,000/-**	**02% of the total quoted price of the each Lot.**
2.	**"Networking of Three Computer Labs (one each for FMS, Software Engineering and Computer Sciences)":** Cat-6 Cable Roll, Cat-6 Patch Panel 48 Port, Data Racks, AdamG Ducts, Corning OM3 8 Core Fiber Meters/OFDF 12 ports LC connectors/Pigtails MM LC, FB Dual Shutter, BB, IO, Corning Patch Cords 1M, Electrical Works And Installation. *(Detailed specifications mentioned in Tender Documents)*	**3,000/-**	
3.	**"Purchase of Computer Lab Furniture for FMS/FOC/IT, IIUI":** Steel Wood Double Coumputer Tables and Relax Back Computer Chairs. *(Detailed specifications mentioned in Tender Documents)*	**5,000/-**	
4.	**"Purchase/Installation of DC Inverters ACs for FMS/FOC/IT, IIUI":** *(Detailed specifications mentioned in Tender Documents)*	**3,000/-**	

2.   The Tenderers are required to quote/offer a **maximum discount rate** on the retail price of above said tenders and may access the Tender Documents containing detailed terms and conditions, Specifications, etc. on the websites of **IIUI** and **PPRA/EPADS (https://eprocure.gov.pk)** only.   International Islamic University, Islamabad will follow the PPRA rule of ***Single Stage – Two Envelope procedure;***

3.   The Tender Documents must be supported with a **Tender Fee** (non-refundable) and **Earnest Money** (refundable) as shown in the above table in the shape of CDR in favor of International Islamic University, Islamabad**.**

4.   The bids shall be prepared in accordance with the instructions in the bidding documents. The Tenderers must submit their bid(s) on **PPRA EPADS and also in hard form in the office of the undersigned** on or before the bid opening date and time. Any information regarding the procurement/technical issues may kindly be acquired from the following offices please:

For any Tender Documents-related queries;	For any Technical queries;
Muhammad Bilal, Asstt. Director-II (P&S) Phone No: 051-9019255 muhammad.bilal@iiu.edu.pk	**Mr. Shahid Mehmood,** Dy. Director (Networks) Phone No: 051-9019570 Email: **shahid**@iiu.edu.pk

5.   The bids received on EPADS on or before **Tuesday, July 29, 2025, at 10:30 A.M.** will be opened by the ***Tender Opening Committee*** on the same day at 11:00 A.M. in the Board Room/Council Hall, Admin Block in the presence of bidders/their representative(s) who may like to attend the bid opening. The Bidders are required to submit the Hard copies ***(Technical, Financial along with the original CDR of Earnest Money in a separate Envelope)*** of their Bids against the tender in the Office of the undersigned on or before the bid opening date/time.

6.   The International Islamic University Islamabad reserves the right to accept or reject any or all bid(s) in terms of Rule-33 of Public Procurement Rules 2004.

Muhammad Bilal, Asstt. Director-II,
Purchase & Store Section,
International Islamic University, Islamabad. Tel: 051-9019255

Tender No. 17/11/2025/P&S-13834-A

Sub: **TENDER DOCUMENTS FOR "PURCHASE OF 200 VDI SOLUTION ALONG WITH SERVERS & VDI SOFTWARE, NETWORKING OF THREE COMPUTER LABS, COMPUTER LAB FURNITURE AND DC INVERTERS ACS FOR FMS/FOC-IT, IIUI"**

"TERMS AND CONDITIONS"

1. Any addition, deletion or modification of any clause of the procurement terms & conditions of International Islamic University Islamabad (IIUI) by any vendor will not be acceptable and may lead to rejection of the bid.

2. Original Manufacturers OR Authorized Distributors (With Valid Authorization/Distribution Certificate) OR Suppliers registered with the Income Tax, Sales Tax Department and who are on the Active Taxpayers List (ATL) of FBR, are eligible to participate in the tender.

3. Documents along with CDR/Pay Order/Demand Draft amounting (as mentioned in tender notice) as a tender documents Fee *(Non-Refundable)* shall be submitted in favor of International Islamic University, Islamabad, to the address given below.

4. Part / Advance payments is not allowed.

5. **Delivery Time**: The exact completion/delivery time from the date of the purchase/work order will be a maximum of **15-45 days** (as per tender requirements) or as agreed.

6. After the opening of bids, International Islamic University Islamabad will examine the bids for completeness as per the tender document.

7. Purchase order will be awarded to the lowest evaluated/technically recommended bidder(s) on the basis of item-wise / subtotal-wise / total-wise according to the nature of BoQs/Compatibility requirements.

8. International Islamic University Islamabad, will follow the PPRA rule of **Single Stage – Two Envelope procedure;**

9. The bid proposal(s) should be inclusive of all taxes and duties prescribed by the government from time to time, on **"FOR Basis"** as per BoQs Format (Items deliverable to International Islamic University, New Campus, Sector H-10 Islamabad).

10. **Payment Terms**: Payment will be made after the successful delivery of the items, installation at respective places, and inspection by the Inspection Committee.

11. *Security Money @ 10% of the total value of the supply order shall be retained by the IIU till the successful completion of the warranty period (with a minimum one/two/three-year warranty,* including free maintenance and support*) of the goods/services/works.*

12. The Earnest Money of the successful bidder(s) will be released upon the deduction of Security Money from their invoice by the Finance Department, IIUI.

13. Bidders can challenge the findings of the evaluation/ reasons for disqualification to the Grievance Redressal Committee (GRC).

14. The bid should be submitted in a sealed envelope up to **29-07-2025 (Tuesday)** on or before **10:30 a.m.** and Proposals/bids will be opened on the same date **at 11:00 a.m.** in the presence of available bidders in Board Room/Council Hall, Admin Block, IIUI.

15. The envelope should be marked as under;

Assistant Director-II (P&S)
Room No. 213, 2nd Floor, Admin Block, Sector H-10, New Campus
International Islamic University, Islamabad (Tel: 051-9019255)

16. The envelope shall also bear the word **"CONFIDENTIAL"** and the following identification quotation for **"PURCHASE OF 200 VDI SOLUTION ALONG WITH SERVERS & VDI SOFTWARE, NETWORKING OF THREE COMPUTER LABS, COMPUTER LAB FURNITURE AND DC INVERTERS ACS FOR FMS/FOC-IT, IIUI"** (as per lot/tender description).

17. If the vendor fails to deliver the goods to International Islamic University, Islamabad in time then the

penalty will be charged as under:

   a) Late Delivery Charges will be charged @ 02% per month of the total Purchase Order value and up to the maximum limit of 10%; LD Charges will be deducted from the invoice of the firm concerned.

   b) If the vendor fails to deliver the goods/services during the delivery time or extended time period *(if allowed)* then the purchase/work order may be cancelled, Earnest Money will be forfeited and the IIUI also reserves the right to blacklist the defaulter.

18. If the delivered goods/services are not according to the required quality standards/ specifications, the same shall be liable to be rejected after inspection. The bidder/vendor would be required to REPLACE as per requirements mentioned in our BoQs at no cost to the IIUI, otherwise, the purchase/work order will be canceled after the due date with confiscation of earnest money AND the bidder will bear all costs and expenses **thereof**.

19. All prices should be quoted on **FOR Basis (inclusive of all applicable taxes).**

20. All prices should be valid for at least **120 days** Withdrawal or any modification of the original offer within the validity period shall entitle IIUI to forfeit the earnest money in favor of the IIUI and/or put a ban on such vendor participation in IIUI tenders/works.

21. It is the sole responsibility of the bidder/agent/supplier/manufacturer to comply with the applicable laws, be national or international.

22. In case of any dispute, the decision of the Grievance Redressal Committee (GRC) will be final and binding upon the parties.

23. The IIUI reserves the right to modify the quantities of goods/services at any time before the award of purchase/ work order as per budget constraints.

24. **The bidder is required to furnish in form of "CDR" @ 02% (Re-fundable) as Earnest in favor of "International Islamic University Islamabad". Any bid not accompanied by Earnest Money shall be rejected without any right of appeal.**

25. International Islamic University Islamabad reserves the right to accept or reject the bid if;

    i. Received later than the date and time fixed for tender submission.

    ii. The tender is unsigned/ unstamped.

    iii. The offer is ambiguous.

    iv. The offer is conditional against tender documents/descriptions/specifications.

    v. Offer is made by the unauthorized agent/ supplier/service provider of the original equipment manufacturer.

    vi. The offer is from a firm, which is blacklisted by any Govt. Office.

    vii. The offer is received by telephone/telex/fax/telegram.

    viii. Any unsigned/ambiguous erasing, cutting/overwriting, etc. is made.

    ix. Authorization/Distribution Certificate, The Company Profile, client list and detail of similar projects/works is not attached.

26. The bidder should furnish a **CERTIFICATE** on judicial STAMP PAPER worth Rs.100 as worded below in token of acceptance of all the terms and conditions of the tender documents. Otherwise the tender will not be considered under any circumstances.

I / We

- **Company / Vendor Name:**_____
- **Postal Address:**_____ _____
- **Tel. No:** _____ **Mob No.** _____
- **NTN# :** _____GST#: _____

The undersigned certify that our above named Firm/Company is not blacklisted by any Govt. Office and the terms & conditions as contained in this document, viz "***Terms and Conditions***" are accepted unconditionally and in the event of selection of my/our bid; the agreement will be entered into.

_____
Sign & Stamp

Note:

1. Please quote the rates on our BoQs and clearly mention the quoted item(s) Make / Model / Country of Origin and Guarantee/Warranty, otherwise your bid / items may lead to rejection.
2. The quoted item(s) should be of the same specs, make/model or their equivalent.
3. In Addition to filling of the attached BoQs, supporting literature of the quoted model must be attached for verification & technical evaluation of the required specification by the bid evaluation committee. In case of any clash found between the quoted model and the literature model, the item/bid may lead to rejection.
4. Please also attach the Certificate supporting being Active Taxpayer as per requirement of FBR.

1.

#	Items Description	Qty	Unit Price with applicable taxes (Rs.)	Total Price with applicable taxes (Rs.)
1.	**Rack Mounted Servers (HP/ DELL/ H3C/ Sangfor/ Huawei)/ Equivlent:** • 2 x Intel Xeon 24 cores, 2.1 GHz base frequency | Intel Xeon Gold 6252 up to 3.7 GHz with Intel Turbo Boost Technology, 35.75 MB cache • 6 x128GB of 2933MT/s DDR4 ECC Memory • 8x LFF 3.5-inch SAS/SATA drive bay backplane • RAID Controller with 8GB NV Cache • Intel X550-T4 4-Port 10GbE Network Daughter Card with SFPs • 2x 750W Platinum Hot Plug Power Supply • LC-LC, Multi mode, 5 meters. • Ball bearing pull-out slide rail kit, Cables Standard • Hardware warranty and support, repair and maintenance within warranty,RTF service (Maximum 5 years and free of charge for first 3 years).	03		
2.	**VDI Client, ARM A55 CPU 4 Cores 1.6GHz„2G memory,8G disk,USB2*5,USB3*1,VGA*1,HDMI*1,GE *1,Dual Audio port*1. /Equivalent**	100		
2.a	aDesk Monitor Attachment is used to attached aDesk Thin Client at back of the Monitor.	100		
2.b	Repair and maintenance within warranty, RTF service, (free for the first 3 years)	03		
2.c	Must support VMware Horizon, Citrix ICA/ HDX, Morpheus/ Sangfor/ Huawei VDI Client and RDP or equivalent			
2.d	Linux-based Thin OS			
2.e	Must support VMware Horizon, Citrix ICA/HDX,Morpheus VDI Client and RDP or equivalent			
2.f	HTML5 browser for web-based virtual access			
2.g	USB redirection control, lockdown mode, firmware protection,Compatible with centralized Cloud terminal management system			
3.	**HCI/VDI Software (Sangfor/ Huawei/ Morpheous/ Vmware/ Equivalent)**			
3.a	aSAN for aDesk license by number of CPU.	06		
3.b	Sangfor virtual desktop controller software basic edition, support concurrent user number maximum 300.	01		
3.c	VDI education basic version or silver perpetual license, charge by concurrent users (used for 2D desktop solution of education customer).	100		
3.d	VDI software license subscription & upgrade, upgrade license included for 1 year	01		
3.e	VDI 24*7 Technical Support Services for 1 year.	01		
4.	**VDI Fat Client/Mini PC/Equivalent:** • Processor Intel Quadcore Processor (Citrix Receiver / VMWare View / Microsoft RDP Compatible), • RAM SSD Storage • 8 GB (8 GB RAM DDR3L), 128 GB SSD Storage, Resolution 1366 X 786 @ 60 Hz, Networking 10 / 100 / 1000 Gigabit Ethernet Wi-Fi, • I/O Peripheral (1 DVI Port,5 USB 2.0 Ports,1 USB 3.0 Port), • Keyboard & Mouse (Keyboard and Mouse included) Power Consumption <15 W, Mounting Kit, Supported OS Mounting Kit Available • Windows 10 Operating system Supported • 1 Year Warranty	100		
5.	**LED Monitore 19" or higher**	200		
Total Price (with all applicable taxes):				
02% Earnest Money of the total quoted Price:				
Note: Required items must be new of the same specs/brand/model or equivalent.				

2.

#	Items Description	Qty	Unit Price with applicable taxes (Rs.)	Total Price with applicable taxes (Rs.)
1.	Corning/3M/Dlink/Equivalent Cat-6 Cable Roll	10		
2.	Corning/3M/Dlink/Equivalent Cat-6 Patch Panel 48 Port	01		
3	Corning/3M/Dlink/Equivalent Cat-6 Patch Panel 48 Port	02		
4	Data Rack 12 U	04		
5	Adam G Duct 16x38	100		
6	Adam G Duct 40x40	100		
7	Adam G Duct 6x60	150		
8	Corning OM3 8 Core Fiber Meters	400		
9	Corning OFDF 12 Ports LC Connectors	03		
10	Corning Pigtails MM LC	40		
11	Corning/Dlink/IO Set, FB Dual Shutter, BB, IO	120		
12	Corning Patch Cords 1 M	120		
13	Electrical Work, Multi Sockets, 3/29 Cable Rolls, 7, 29 Cable Rolls, 7/44 Cable Rolls, Distribution Boxes, Circuit Brakers Etc for 2 Labs Two Jobs	03		
14	Installation of Cat-6 Cable, IO Set, Duct, Fiber, Splicing, Patch Panel One Job	One Job		
Total Price (with all applicable taxes):				
02% Earnest Money of the total quoted Price:				
Note: Required items must be new of the same specs/brand/model or equivalent.				

3.

#	Items Description	Qty	Unit Price with applicable taxes (Rs.)	Total Price with applicable taxes (Rs.)
1.	**Steel Wood Double Computer Table** • Height:30 Inch • Width:72 Inch • Length:24 Inch • Cable Tray • Desktop Holding Space Steel Wood Double Computer Table	100		
2.	**Holo Cushioned Computer Chair** • Height:30 – 36 Inch • Width:19 Inch • Length:18 Inch Holo Cushioned Computer Chair	200		
	Total Price (with all applicable taxes):			
	02% Earnest Money of the total quoted Price:			
	Note: Required items must be new of the same specs/brand/model or equivalent.			

4. <mark>**BOQ's FOR PURCHASE/INSTALLATION OF OF SPLIT AIR CONDITIONER(S) FOR COMPUTER LABS**</mark>

#	Capacity (DC Inverter)	Qty.
1	2.0 ton	10

#	Description of Items	Capacity	Rate with all taxes					
			Gree	Haier	Dawlance	Midea	PEL	Equivalent
A.	*Split Air Conditioners*							
1.	Split AC (DC inverter)	2.0 ton						
B.	*Installation charges*							
2.	Installation charges included 10 RFT copper pipes, Insulation with raping tape and power cable (110/76) complete.	2.0 ton						
C.	*Extra Materials*							
3.	Standard Outdoor Frame for Split AC			2.0 ton				
4.	Extra Refrigerant pipe with aero flux insulation, raping tape & Control Wiring (RFT)			2.0 ton				
5.	Power Cable Single Phase 110/76 (3/C) (RFT) Pakistan cable or approved equivalent			2.0 ton				
6.	PVC duct for covering refrigerant pipe (Adamjee) in RFT			2.0 ton				
7.	Duct for covering of Power cable (Adamjee) in RFT			2.0 ton				
8.	Circuit Breaker MCB 20 A, Busch or approved equivalent			2.0 ton				
9.	Drain pipe UPVC ¾" in RFT			2.0 ton				
10.	Core cutting and Finishing Per hole			2.0 ton				
11.	Civil Works Groove RFT			2.0 ton				
12.	Any other equipment/extra Materials (if any)			2.0 ton				

Note:

i) *Five year compressor, one year parts/gas warranty and free complaint visits for one year are required.*

ii) *The bidder must own customer/Services center in Rawalpindi/Islamabad area and give complete detail of equipment, technicians which will be verified by the committee etc.*

Request for Proposal

FOR
PROCUREMENT OF SUPPLY & INSTALLATION OF

VIRTUAL DESKTOP INFRASTRUCTURE SOLUTION

SCHEDULE

Name of Organization	International Islamic University, Islamabad
Open Tender Notice No. (IIUI)	
Tender Type (Open/Limited/EOI/Auction/Single)	Single Stage, Two Envelop
Tender Category (Services/Goods)	Goods & Services
Type/Form of Contract (Supply/Auction/ Service/ Buy/ Empanelment/Sell)	Service
Is Multi Currency Allowed	No (PK Rupees)
Date of Issue/Publishing	
Tender Start Date	
Tender End Date	
Date and Time of Opening of Technical Bids	
Tender Fee	**Rs.10,000/- (For Tender Fee)**
Bid Validity days	180 days (From last date of opening of tender)
Address for Communication	Office of Purchase & Stores Administration Block, 1stFloor, Sector H-10, International Islamic University, Islamabad. Ph: +91 51 9019255
Email Address for Technical Correspondence	shahid@iiu.edu.pk/9019570

International Islamic University, Islamabad invites Bids for supply of **"Virtual Desktop Infrastructure Solution"** as per specifications given in the ***Annexure-I*** to the Tender Form. All offers should be made in English and should be written in both figures and words. The bidders are requested to read the tender document carefully and ensure compliance with all specifications/instructions herein. Non-compliance with specifications/instructions in this document may disqualify the bidders from the tender exercise.

2.   The University reserves the right to select the item (in single or multiple units both in Hardware/Software) or to reject any quotation wholly or partly, without assigning any reason. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.

1.   **Eligibility criteria for intending bidders*:***

1.1.   Only manufacturer(s) / sole authorized distributor / service providers are eligible to bid.

1.2.   The bidder should have adequate documented experience in setting up installations and deployment of VDI/Virtualization supporting multiple simultaneous users on LAN. Copy of Purchase order must be attached with technical bid if desired so, bidder will facilitate the visit to such installations by IIUI representatives.

1.3.   Proposal must clearly reflect the competence and capability of the bidder in meeting the requirement.

1.4.   The tenderer shall be required to submit the Earnest Money Deposit 2% of total bid, which is refundable and a nonrefundable tender fee for an amount of Rs. 1,000/- (Rupees One Thousand only) by way of demand drafts only. Earnest money deposited in form 'Crossed Cheques' will be rejected without any processing. The demand drafts shall be drawn in favor of "IIUI" payable at Islamabad. The demand drafts for Earnest Money Deposit & tender fee must be enclosed in the envelope containing the technical bid.

1.5.   Closing balance till 30-06-2025 or bank guarantee must be enclosed with the technical bid.

1.6.   Signed & stamped compliance sheet of the technical specification of the goods with technical printed literature along with Bill of Material (BoM) mentioning all the terms & conditions clearly, must be enclosed with the technical bid.

1.7.   The tenderer should not have been debarred or blacklisted by any Central / State Government Departments of Pakistan. An affidavit to that effect on Non-Judicial stamp paper of Rs.100/- duly notarized must be enclosed with the technical bid in prescribed format. The proforma of the affidavit is attached with the tender as ***Annexure- V***.

1.8.   Signed & stamped guarantee / warranty declaration certificate must be enclosed with the technical bid in prescribed format as attached as ***Annexure –VI.***

PREPARATION OF BIDS

1.9.   Bidder should consider any corrigendum published on the tender document before submitting their bids.

1.10.   Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents must be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

1.11.   Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender.

2.   **SUBMISSION OF BIDS**

2.1.   The bids must be submitted on time and on or before the given date on the addressed mentioned either by post or by hand.

3.   **ASSISTANCE TO BIDDERS**

3.1.   Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

4.   **INVITATION FOR TENDER OFFERS**

(VIRTUAL DESKTOP INFRASTRUCTURE SOLUTION AS PER PRICE SCHEDULE)

The BIDDERs are requested to give detailed tender in one Envelope with two Bids i.e.

   a. Part - I: Technical Bid.
   b. Part - II: Financial Bid

Technical and Financial Bids (Following documents to be provided)			
S#	Documents	Content	
1.		Mandatory Eligibility Criteria Checklist *Annexure - A*	
2.		Technical Evaluation Criteria Checklist *Annexure-B*	
3.		Technical Compliance Sheet as per *Annexure - I*	
4		Manufacturer's/Service Provider Authorization Letter as per *Annexure-II*	
5.	**Technical Bid**	Declaration Sheet as per *Annexure – III*	
6.		List of Govt. Organization. As per *Annexure-IV*	
7.		Non-Blacklisting of Supplier on company letter head as per *Annexure-V*	
8.		Certificate of Guarantee/Warranty as per *Annexure-VI*	
9.	**Financial Bid**	Price bid should be submitted in BoQ format as per *Annexure-VII*.	

Bid documents should be submitted as per the above sequence with Index page and page numbers (including technical literature). Each page of the bid should be signed &stamped original. Unsigned bids will not be considered for evaluation.

4.1.   **TENDER FEE & EARNEST MONEY DEPOSIT DETAILS**

4.1.1.   **Tender Fee of Rs. 10,000/-(Rs. Ten Thousand only)** in the form of Demand Draft in favor of IIUI.

4.1.2.   **The bidder must be submitted 2% of total bid price as an earnest money.**

4.2.   The technical offer **should not contain any price information.**

4.3.   **SPECIFICATIONS:** Specifications are basic essence of the product. It must be ensured that the offers must be strictly as per our specifications. The Bid, which is not as per our tender enquiry, will be treated as non-compliant. University has the sole discretion to accept or reject tenders based on technical specifications.

4.4.   **"Financial Bid" shall contain:** Cost of all the items/List of deliverables/Bill of materials and services should be mentioned clearly and individually in the Financial Offer.

Note:
   (i)   No request for extension of due date will be considered under any circumstances.
   (ii)   Please insert 'Financial Bid" **(**prices quoted**)** in the bid envelope**.**

4.5.   IIUI may issue corrigendum to tender documents before due date of Submission of bid. The bidder is required to read the tender documents in conjunction with the corrigendum, if any, issued by IIUI. The bidder is not supposed to incorporate the amendment in the body of the tender document.

4.6.   **TECHINICAL EVALUATION CRITERIA**

The evaluation criteria are given below:

1.   Evaluation of Technical bid as per eligibility criteria.
2.   University reserves the right to ask bidder for Proof of concept (POC) for technical approval.

4.6.1. Even though any bidder may satisfy the above requirements, he/she would be liable to disqualification if he/she has:

   i.   Made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the eligibility criteria document.
   ii. Record of poor performance such as abandoning work, not properly completing the contract, or financial failures/weaknesses etc.

4.7.   **BID EVALUATION:**

a) IIUI shall consider arithmetical errors on the following basis:

   (i)   If there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail, and the line item total shall be considered

   (ii) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail, and the total shall be corrected; and

4.8.   The IIUI reserves the right to accept the offer in full or in parts or reject summarily or partly.

AWARD OF CONTRACT

4.9.   **Award Criteria**

4.9.1. IIUI shall award the contract to the technically qualified eligible BIDDER whose bid has been determined as the lowest evaluated financial bid and approval of the sample by IIUI.

4.9.2. If more than one BIDDER happens to quote the same lowest price and sample of both bidders are technically approved, contract will be awarded to firm based upon quality of materials used, comfort level, ergonometric design, aesthetics and finish of the final product.

4.9.3. IIUI reserves the right to award the contract to more than one BIDDER or any BIDDER.

5.   **PURCHASER'S RIGHT TO VARY QUANTITIES AT THE TIME OF AWARD**

5.1.   IIUI reserves the right at the time of award of Contract to increase or decrease the quantity of items specified in the Schedule of Requirements without any change in price or other terms and conditions.

5.2.   Firms which have already supplied similar items to IIUI and have not completed required installation/after sales service/ warranty replacements etc. such firms offer will not be considered for further evaluation and no enquiries thereafter will be entertained.

6.   **CORRUPT OR FRAUDULENT PRACTICES**

IIUI requires that the BIDDERs who wish to bid for this project have highest standards of ethics.

6.1.   IIUI will reject a bid if it determines that the BIDDER recommended for award has engaged in corrupt or fraudulent practices while competing for this contract.

6.2.   IIUI may declare a vendor ineligible, either indefinitely or for a stated duration, to be awarded a contract if it at any time determines that the vendor has engaged in corrupt and fraudulent practices during the execution of contract

7.   **INTERPRETATION OF THE CLAUSES IN THE TENDER DOCUMENT / CONTRACT DOCUMENT**: In case of any ambiguity / dispute in the interpretation of any of the clauses in this Tender Document, **IIUI interpretation of the clauses shall be final and binding on all parties.**

8.   **CONDITIONS OF CONTRACT**

8.1.   **Prices:** The price quoted shall be considered firm and no price escalation will be permitted. The price criteria should be on Govt. Levies, if any, shall be paid at actual rates applicable on the date of delivery. Rates should be quoted accordingly giving the basic price, GST, if any. The actual GST if any, should be specified.

8.2.   **Delivery Schedule:** Items are to be supplied **within time frame given in 'Purchase Order'.**

8.3.   **Payment Terms:** Payment will be made to the supplier after completion of work

8.4.   **Delivery & Installation:** All the goods ordered shall be delivered and installed at IIUI Campus within **period specified in Purchase Order**

8.4.1.   **Penalty for Delayed Services:**

i   If the supplier fails to Supply and install the Virtual Desktop Infrastructure Solution as per specifications mentioned in the order within the due date, the Supplier is liable to pay 'Late Delivery Charges' as per Purchase Order.

ii   IIUI reserves the right to cancel the order in case the delay is beyond acceptable period. Penalties, if any, will be deducted from the Security Deposit.

8.5.   **Satisfactory Installation: Payment will made after 'Inspection Certificate' issued by officers to do so mentioned in Purchase Order. It is expected that it will take almost 15 days after confirmation of 'Successful Completion' by bidder.**

8.6.   **Training of Personnel:** The supplier shall provide the technical training to the team nominated for the purpose at the campus premises, after confirmation of successful installation to 'Inspection Officers' and before issuance of Inspection Certificate. **Operating Manual/Service Manual/User Manual:** It is specifically required that the bidders will supply all the operating manuals, service manuals and user manual along with the equipment and software.

9.   **Warranty/ Support: Standard Warranty** must be provided by the firm from the date of the satisfactory installation / commissioning of equipment against the defect of any manufacturing, workmanship and poor quality of components. In case, there is any variation in the warranty as per the specification of the item equipment, the warranty as specified in the specifications shall be final.

In case, supplier fails to repair / or rectify the equipment during the warranty / guarantee period, University may employ or pay other person/company for repairing the equipment, and all such damages, loss and expenses shall be recovered from the supplier.

9.1.   **Reference of supply:** Name and contact details of the organizations where the quoted equipment has been installed should be enclosed. Copies of at least two purchase orders may be attached. IIUI reserves the right to inspect the equipment for its actual performance in any of the listed organization.

9.2.   **Undertaking from the Bidders:** An undertaking will be submitted by the Bidder/firm/company/vendor that in the past they have never been banned/debarred for doing business dealings with Govt. of Pakistan or any other Govt. organization.

Note: The IIUI reserves the right to accept/reject any or all tenders without assigning any reasons thereof and to reject.

Bidders are required to make sure that the following mandatory requirements of eligibility are fulfilled and submitted within the stipulated time period. Non-submission of any one of the following applicable requirements shall result in disqualification.

S#	Mandatory Eligibility Criteria Checklist	Enclosures attached (Yes/No)
1	Only manufacturer(s) / sole authorized distributor / service providers are eligible to bid. Authorization letter in the prescribed format (Annex –II) from Original Equipment Manufacturer (OEM) in favor of authorized Agent to bid/ negotiate/ conclude the order against this tender, must be enclosed with technical bid.	
2	The bidder should have adequate documented experience in setting up installations and deployment of VDI/Virtualization supporting multiple simultaneous users on LAN. Copy of Purchase order must be attached with technical bid.	
3	Proof of GST Registration	
4	The tenderer shall be required to submit the Earnest Money Deposit (EMD) for an amount of 2% of the total project cost. The demand drafts, for Earnest Money Deposit & tender fee, must be enclosed in the envelope containing the technical bid.	
5	Company letter that the Bidder is an active taxpayer and has submitted its tax return for the preceding fiscal year.	
6	Company letter that Bidder is not insolvent, bankrupt and is not blacklisted or debarred by PPRA, Government, Semi-Government, Private, Autonomous body or any other international organization must be enclosed with the technical bid in prescribed format. The proforma of the letter is attached with the tender as Annexure – V.	
7	Signed & stamped guarantee/ warranty declaration certificate on company letter head must be enclosed with the technical bid in prescribed format as attached as Annexure – VI.	

Note: Bidders are required to submit filled, signed & stamped copy of the above checklist along with the Technical Proposal.

Technical Evaluation Criteria (TEC)

Firms with adequate experience in this filed are required to submit TEC with documentary evidence under the mentioned aspects within the technical proposal envelope.

The following points will be used in the TEC to qualify the firm thereafter; the firm will be eligible to meet the Hardware Specification Criteria Section.

S#	Category	Maximum	Minimum
1	Total (Experience + Personnel)	100	70

The firms obtain below 70% (70 point) in TEC will be considered disqualify.
To be filled by the firm

S#	Criteria	Detail	To be fill by Firm and Ref. in Bid proper flags
	Years of Establishment of firm (Max 25 Points)	The firm having establishment and experience of 12 years in the field of hardware specifically in server equipment's will score 08 points and every experience of each additional two years will score 02 points.	
	Projects Completed (Max 25 Points)	Satisfactory completion of at least 03 Virtualization Solution of worth Rs 5 million will score 2 Points. Each additional same worth similar will score 2 additional points.	
	SLA Supports (Max 10Points)	Currently at least have 02 SLA with customers which include servers and storage on 8 x 5 support -AND- engaged with support activities for three firm about 200 or above thin client/desktops will score 4 points. Each additional project of any of the same will score 1 additional point.	
	VDI partner or equivalent (10 Points)	The bidder should be VDI Competent or equivalent product partner will score 10 points.	
	Server and Storage Certification (10 Points)	Should have 2 certified engineers of the proposed server and 2 certified engineers	

		of proposed storage will score 5 points (copies of certificates attach)	
	Network Certification (5 Points)	Should have 01 certified engineers in CCNP -OR- Certified CCNA will score 5 points (copies of certificates attach)	
	IT Projects Completed (Documentary proof or reference are required) (Max 10 Points)	Firm has completed two or more IT related public-sector projects within Pakistan.	
	Reputable clientage list (Max 5 Points)	Names and addresses of clients for Virtualization Solutions should be included will score 05 points. IIU reserves the right to contact the clients with respect to this bidding doc.	
	Total Marks 100		

<div align="right">**Annexure – I**</div>

Technical Specification

Total Number of Users	100 Concurrent Users (Windows and Linux) in ONE CLUSTER The system should be able to support all Windows users or all Linux users or any mix of the two.
Total Number of VDI Clients	200

	VDI Platform	Technical Compliance (Yes/No)
S#	**Description**	
	VDI solution should provide freedom to use combination of multiple hardware (both Rack & Blade x86 servers) for future expansion and scalable to support up to 5000 concurrent user connections in future. Multiple clusters should be managed from the same management console.	
	The proposed VDI solution should be 100% software defined.	
	The proposed VDI solution should be listed and mentioned in market survey or research reports.	
	The proposed solution should run on industry standard x86/x64 servers and it should leverage Virtual Storage Appliance to have truly Software defined Storage or better technology.	
	Proposed solution should support for increasing capacity by adding CPU, Memory or any other devices to virtual machines on an as needed basis without any disruption in working VMs running windows and Linux operating system.	

			Technical Compliance (Yes/No)
	Proposed solution should provide live Virtual Machine migration between different generations of CPUs in the same cluster.		
	Proposed solution should provide a single unified management console for the management of the entire environment including the virtualized environment as well as software defined storage environment to simplify the manageability of the entire solution.		
	Proposed solution should provide solution to automate and simplify the task of managing hypervisor installation, configuration and upgrade on multiple physical servers.		
	The proposed solution must have capability to support all industry drives available (SSD & SAS/SATA)		
	Proposed solution should include bare metal hypervisor with functionality of High Availability, hot Add (CPU, Memory, Storage & Network).		
	Proposed solution should provide enhanced visibility into storage throughput and latency of hosts and virtual machines that can help in troubleshooting storage performance issues.		
	Proposed solution should support Raid across disks and nodes.		
	All the software components should have unlimited incident support with L1, L2, L3 level technical support (Email, Phone & Web) directly from the bidders. The support should be available in office timing with upgrades during the complete tenure of the project without any additional cost during the tenure of the complete project.		
	The bidder shall provide minimum 3 references of past similar project deployment.		
	The bidder shall provide onsite warranty of 3 years on Servers and 1 year on remaining items like VDI software solution, VDI clients, LED screens, Mouse and Keyboards.		

			Technical Compliance (Yes/No)
S#	Component	Description	
1	**Desktop and Application Virtualization**	The proposed VDI solution (Citrix/VMWare/Open stack/Sangfor/Huawei/Morpheus etc.) shall be scalable to support up to 5000 concurrent user connections in future.	
		The solution should provide Unified client for consistently great experience across devices and locations for: -Optimized access across the LAN through an HTML browser -Good performance of multi-media streaming and graphics -Fully optimized unified communications and real-time audio and video support. -Intuitive and contextual user experience across devices making it easy to run Windows on mobile. -Access to local devices, USB and device peripherals	
		Support different versions of Windows & Linux desktops like Windows 7, Windows 10, Ubuntu and CentOS.	
		Support USB, printer redirection and Audio IN and Out	
		Support SSO with Linux desktops when added to AD/LDAP infrastructure integration.	

2	**Performance**	The solution should support all browser based and installer-based applications on windows and Linux OS for use in the virtual application and virtual desktops.	
		The solution should be able to support mechanisms to optimize network bandwidth utilization.	
		The solution should be able to provides VM DRS (Distributed Resource Scheduler) load balancing by automatically migrating VMs from a heavily loaded host to another host that has enough computing resources.	
		The solution should be able to provides Storage DRS (Distributed Resource Scheduler) load balancing by automatically perform space load balancing among datastores within all hosts in cluster.	
3	**Security**	The solution has the ability to restrict access to applications and desktops based on the client IP, client network and client name.	
		The solutions should authenticate users based on their LDAP and active directory credentials	
		The solutions should have the ability to provide access to certain applications without any authentication prompt	
4	**Management**	The solution should have a single console for desktop/application virtualization management and user support	
		Connection broker software should allow to deliver virtualized or remote desktops and applications through a single virtual desktop infrastructure (VDI) platform and support end users with access to all of their desktops and applications through a single unified workspace.	
		Desktop virtualization management software should have desktop management capabilities such as automatic suspend and resume which reduces the memory and processing poser required to host virtual desktops.	
		It should have an ability to use centralized smart pooling and auto provisioning capabilities.	
5	**User Experience**	End Users get flexible access to a virtual desktop that behaves just like their PC desktop in a complete, managed, secure computing environment.	
		End users get flexibility to access their virtual desktop/application on device of their choice. Below are the devices: - PC - VDI Client/Thin Client	
		End users can connect USB devices that can be locally connected to clients and accessed through a virtual desktop.	
		End users can use printers to access their virtual desktops.	
		End users can connect/use the video camera for video chat-based application.	
6	**Monitoring**	Monitoring software for VDI should allow IT to easily troubleshoot, manage and monitor your end-user computing environment with a single pane of glass from datacenter to devices. Solution should automatically track the health of your virtual desktop infrastructure	

		Stack to optimize performance. Monitor all storage, compute and network resources	
7	License	VDI education basic version or silver _**perpetual license**_, charge by concurrent users (used for 2D desktop solution of education customer).	

Server Requirement Rack Mounted (Dell/HP/Huawei/Cisco/ Sangfor/ Lenovo/H3C/Equivalent	Technical Compliance (Yes/No)
SN. **Sample Specification (Qty=03)**	
1 **2U Branded Server with Minimum 8 HDD Chassis** **2 x Intel Xeon 24 cores, 2.1 GHz base frequency	Intel Xeon Gold 6252 up to 3.7 GHz with Intel Turbo Boost Technology, 35.75 MB cache** **Minimum 6x 128 GB of 2933MT/s DDR4 ECC Memory** **3x 12TB SAS 12G Midline 7.2K** **3x 960GB SATA 6G Mixed Use LFF SCC SSD** **2x 240GB SATA 6G Read Intensive M.2 2280 SSD** **4x Ethernet 1G port 1G Base-T** **4 x 10G SFP+, Adapter with 5m cables** **12Gb SAS Expander Card Kit with Cables** **Universal SATA 6G AIC HHHL M.2 SSD Enablement Kit** **Smart Array 12G SAS Modular Controller** **2x 750W Platinum, Hot Plug Power Supply Kit** **2U Cable Management Arm for Easy Install Rail Kit** **2U Bezel Kit** **2U Large Form Factor Easy Install Rail Kit** **03 Years Comprehensive Standard Warranty**	

VDI Client (VDI Client/Thin Client) (Qty=100)	Technical Compliance (Yes/No)
SN. **Minimum Specification**	
1 VDI client to be Citrix/VMware/OpenStack/Sangfor/Huawei/IGEL or equivalent Certified hardware	
2 VDI client should support both virtualized Windows and Linux OS	
3 VDI Client, ARM A55 CPU 4 Cores 1.6GHz	
4 RAM (DDR3L): 2GB	
5 Storage (SSD): 8 GB	
6 VGA Intel HD Gen 7 7 x USB 2.0 + 1 x USB 3	
7 LAN: 1 (10/100/1000 Mbps, RJ45), WIFI: Built-in WIFI	
8 USB 2.0: 3, USB 3.0: 1	
10 VDI Protocol Clients: Multiple major VDI clients	
12 Standard Keyboard & Mouse, Warranty: 1 Year, On-Site	

VDI FAT Client (VDI Client/Thin Client) (Qty=100)	Technical/Compliance (Yes/No)
SN.	**Minimum Specification**	
1	VDI client/Mini PC to be Citrix/VMware/OpenStack/Sangfor/Huawei/IGEL or equivalent Certified hardware	
2	VDI client support both virtualized Windows and Linux OS	
3	Processor Intel Hexacore Corei5 Processor (Citrix Receiver / VMWare View / Microsoft RDP Compatible), RAM SSD Storage	
4	RAM (DDR3L): 8 GB	
5	Storage (SSD): 256 GB	
6	VGA Intel HD Gen 7 7 x USB 2.0 + 1 x USB 3	
7	LAN: 1 (10/100/1000 Mbps, RJ45), WIFI: Built-in WIFI	
8	USB 2.0: 3, USB 3.0: 1	
10	VDI Protocol Clients: Multiple major VDI clients	
12	Standard Keyboard & Mouse , Warranty: 1 Year, on-site	

VDI LED Screen, Keyboard & Mouse (Qty=200)	Technical/Compliance (Yes/No)
SN.	**Minimum Specification**	
1	LED 19.0" 200x Monitor and Thin Client must be attached with LED Properly	
2	USB Keyboard and Optical Mouse (Standard)	

	HCI/VDI Software (Sangfor/Huawei/Morpheus/VMware/Equivalent)	
a	aSAN for aDesk license by number of CPU.	6
b	Sangfor virtual desktop controller software basic edition, support concurrent user number maximum 200.	1
c	VDI education basic version or silver perpetual license, charge by concurrent users (used for 2D desktop solution of education customer).	100
d	VDI software subscription & upgrade, upgrade license included for 1 year (optional)	1
e	VDI 24*7 Technical Support Services for 1 year.	1

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name: _____

Designation: _____

Organization Name: _____

Contact No.: _____

FORMAT FOR MANUFACTURER'S AUTHORISATION LETTER TO AGENT (on letter head)

Ref. No.   Date:

To,
Deputy Director (P&S)
International Islamic University, Sector H-10,
Islamabad.

Subject: Authorization Letter

Dear Sir,

We,_____, who are established and reputed manufacturers
of_____, having factory at_____, hereby authorize
M/s._____ (name & address of Pakistan distributor /agent) to bid,
negotiate and conclude the order with you for the above goods manufactured by us.

We shall remain responsible for the tender / contract / agreement negotiated by the said   M/s.
_____, jointly and severely.

We ensure that we would also support / facilitate the M/s _____on regular basis
with technology / product updates for up-gradation / maintains / repairing / servicing of the supplied goods
manufactured by us, during the warranty period.

In case duties of the Pakistan agent / distributor are changed or agent / distributor is changed it shall be
obligatory on us to automatically transfer all the duties and obligations to the new   Pakistan Agent failing
which we will ipso-facto become liable for all acts of commission or omission on the part of new Pakistan
Agent / distributor.

Yours faithfully,

[Name & Signature]
for and on behalf of M/s. _____ [N*ame of manufacturer*]

Note: This letter of authorization should be on the letterhead of the manufacturing concern and should be
signed by a person competent and having the power of attorney to bind the manufacturer. A copy of
notarized power of attorney should also be furnished.

DECLARATION SHEET

We, _____ hereby certify that all the information and data furnished by our organization with regard to this tender specification are true and complete to the best of our knowledge. I have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

This is certified that our organization has been authorized (Copy attached) by the OEM to participate in Tender. We further certified that our organization meets all the conditions of eligibility criteria laid down in this tender document. Moreover, OEM has agreed to support on regular basis with technology / product updates and extend support for the warranty. The prices quoted in the financial bids are subsidized due to academic discount given to IIUI.

1 Phone	
2 Fax	
3 E-mail	
4 Contact Person Name	
5 Mobile Number	
6 GST Number	
7 Kindly provide bank details of the bidder in the following format: a) Name of the Bank	
b) Account Number	
c)Kindly attach scanned copy of one Cheque book page to enable us to return the EMD to unsuccessful bidder	

(Signature of the Tenderer)

Name: _____

Seal of the Company

List of Organizations

List of Organizations for whom the Bidder has undertaken such work during last three years (must be supported with work orders)		
Name of the organization	Name of Contact Person	Contact No.

Name of application specialist / Service Engineer who have the technical competency to handle and support the quoted product during the warranty period.		
Name of the organization	Name of Contact Person	Contact No.

Signature of Bidder

Name: _____

Designation: _____

Organization Name: _____ Contact No.

: _____

FORMAT FOR NON-BLACKLISTING OF SUPPLIER

I/ We _____Manufacturer/partner/Authorized Distributor/Agent (strike out which is not applicable) of (Supplier) _____ do hereby declare and solemnly affirm that the individual/firm/company is not black-listed by the Union/State Government/Autonomous body.

Deponent

Address _____

I/ We hereby solemnly declare and affirm that the above declaration is true and correct to the best of my knowledge and belief. No part of it is false and nothing has been concealed.

Deponent

Dated: _____

(Note: To be furnished on non-judicial stamp paper duly attested by the Oath Commissioner.)

Certificate of Guarantee/Warranty (on Letter Head)

I / We certify that the guarantee / warranty shall be given for a period of one (01) year for VDI client/Thin Client and three (03) years for server starting from the date of the satisfactory installation, commissioning and handing over of the equipment and the work completed under the contract. During the guarantee / warranty period, I / we shall provide the "after sale service" and the replacement of defective / or any part(s) of the equipment or rectification of defects of work of the equipment will be free of cost. The replacement of the parts shall be arranged by us, at our own cost and responsibility. We undertake that the above guarantee / warranty shall begin only from the date of successful installation. The benefit of change in dates of the guarantee / warranty period shall be in the interest of the user / your organization.

I / We shall try to repair the equipment at University premises. However, in case it is not possible to repair the equipment at University premises, we will take out the equipment to our site on our own expenses. We shall take the entire responsibility for the safe custody and transportation of the equipment taken out for repairs till the equipment is rehabilitated to the University after repair. If any loss of equipment occurred during our custody, we will restore it / compensate to University for such losses.

I / We guarantee that in case we fail to carry out the maintenance work within the stipulated period, the University reserves the right to get the maintenance work carried out at our risk, cost and responsibility after informing us. All the expenses including excess payment for repairs / maintenance shall be adjusted against the Performance Bank Guarantee. In case the expenses exceed the amount of the Performance Bank Guarantee, the same shall be recoverable from us with / without interest in accordance with the circumstances.

I / We undertake to perform calibration after every major repair / breakdown / taking the equipment out for repair from the University premises. We guarantee that we will supply spare parts, when required on agreed basis for an agreed price. The agreed basis could be an agreed discount on the published catalogue price.

I / We guarantee to the effect that before going out of production of the spare parts, we will give the adequate advance notice to University so that University may undertake to procure the balance of the lifetime requirements of the spare parts.

Signature of Bidder

Name: _____

Designation: _____

Financial Bid Template

A- VDI Server Hardware

	Item Description	Qty	Unit Price	Total Price	Total Price with GST
1.					
2.					
3.					
4.					
	Total Cost for A				

B-VDI Clients Hardware

	Item Description	Qty	Unit Price	Total Price	Total Price with GST
1.	VDI Thin Client	100			
2.	VDI FAT Clients/Mini PC 100	100			
3.	19" LED Screen	200			
4.	Keyboard	200			
5.	Mouse	200			
6.	Any Other required Hardware Items				
7.	Any Other required Hardware Items				
	Total Cost for B				

C- VDI Software

	Item Description	Qty	Unit Price	Total Price	Total Price with GST
1.					
2.					
3.					
4.					
	Total Cost for C				

Total Cost of the Solution: A+B+C