COMSATS Institute of Information Technology

Lahore Campus, Defence Road, Off Raiwind Road, Lahore

Tender No. CIIT-TN-13-18-1037
Case # 2226

Single Stage Two Envelope Procedure

Title of Tender: Supply of IT Equipment for Data Center of CIIT-Lahore

TERMS AND CONDITIONS

1. **All pages of bidding documents are mandatory to be signed / stamped, meaning thereby bidder agrees to our terms & conditions mentioned herein, failing which the bid may be rejected.**

2. **Any addition, deletion or modification of any clause of the procurement terms & conditions/ BoQs of CIIT by any vendor will not be acceptable and may lead to rejection of the bid.**

3. **Only registered Suppliers, who are on Active Taxpayers List (ATL) of FBR, are eligible to participate in tender.**

4. The contract will be executed and handed over in satisfactory conditions up to the entire satisfaction of COMSATS Institute of Information Technology, Lahore Campus.

5. Documents along with Pay Order / Demand Draft amounting to **Rs. 1,000/-** as a tender documents fee (Non-Refundable) shall be submitted in favor of COMSATS Institute of Information Technology, Lahore to the address given below. No bid will be accepted without tender documents' fee.

6. Part / Advance payments is not allowed.

7. The exact completion/delivery time for **Sr. # 1-3 is 90 Days (start from the date of LC Opening) and 15 Days for Sr. # 4**. The handing over / completion time for this contract is of critical importance.

8. **The bid proposal must be quoted inclusive of all freight and packing charges in C&F and to be delivered at Karachi Port. COMSATS Lahore shall open the direct LC in favor of Original Manufacturer / Principal and shall also clear the shipment from Custom Authorities against Sr. # 1-3.**

9. **Transportation Charges and other relevant expenses shall be borne by local vendor from Karachi Seaport to CIIT Lahore.**

10. **The bid proposal must be inclusive of freight and all other taxes in Pak Rupees against Sr. # 4 and to be delivered at COMSATS Institute of Information Technology, Lahore Campus's premises.**

11. After opening of bids, COMSATS Institute of Information Technology, Lahore Campus will examine the bids for completeness as per tender document.

12. Purchase order (s) will be awarded to the successful bidder as per the evaluation criteria on the basis Grand Total / Turnkey wise as mentioned in BoQs.

13. The bid should be submitted in a sealed envelope up to **April 11, 2018** on or before **1400hrs** and will be opened on the same date **at 1430hrs** in the presence of available bidders.

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14. COMSATS Institute of Information Technology, Lahore Campus, will follow the PPRA rule of **single stage two envelope procedure;**

i. The bid shall comprise a single package containing **two separate envelopes.** Each envelope shall contain separately the **financial proposal** and the **technical proposal;**

ii. The envelopes shall be marked as **"FINANCIAL PROPOSAL" and "TECHNICAL PROPOSAL"** in bold and legible letters to avoid confusion**;**

iii. Initially, only the envelope marked **"TECHNICAL PROPOSAL"** shall be opened**;**

iv. The envelope marked as **"FINANCIAL PROPOSAL"** shall be retained in the custody of the procuring agency without being opened;

v. The procuring agency shall evaluate the technical proposal in a manner prescribed in advance, without reference to the price and reject any proposal which does not conform to the specified requirements;

vi. During the technical evaluation no **amendments** in the technical proposal shall be permitted;

vii. The financial proposals of bids shall be opened publicly at a time, date and venue announced and communicated to the bidders in advance;

viii. After the evaluation and approval of the technical proposal the procuring agency, shall at a time within the bid validity period, publicly open the financial proposals of the technically accepted bids only. The financial proposal of bids found technically nonresponsive shall be returned un-opened to the respective bidders;

ix. The bid found to be the lowest evaluated bid shall be accepted.

15. The envelope should be marked as under;

Secretary, Purchase Committee
COMSATS Institute of Information Technology, Lahore Campus
Defence Road, Off Raiwind Road, Lahore.
Tel: 042-111-001-007, Ext: 875

16. The envelope shall also bear the word **"CONFIDENTIAL"** and the Title of procurement of **"Supply of IT Equipment for Data Center of CIIT-Lahore".**

17. The bid form (BoQs) must be duly filled in, stamped and signed by the authorized representative of the bidder.

18. If the vendor fails to deliver the goods / services to CIIT-Lahore in time then the penalty will be charged as under:-
   a. 1% per day of the invoice price for 5 working days.
   b. 2% per day of the invoice price for further 5 working days.
   c. If the vendor fails to deliver the goods / services during the extended period then the purchase / work order may be cancelled, earnest money and payment may be forfeited.

19. 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 vendor would be required to supply as per requirements mentioned in our BoQs, otherwise the purchase / work order will be cancelled after due date with confiscation of earnest money.

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20. Deduction of Income Tax and any other tax will be deducted at source according to Government prevailing rules.

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

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

23. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.

24. The CIIT reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.

25. **The Successful/lowest bidder is required to submit the 05% of the total value of Purchase Order as a retention money in form of Call Deposit Receipt/ Local Bank Guarantee with the validity of Warranty Time Period i.e. (Five Year for Sr. 1-3) and (Three Year for Sr. # 4) in favor of COMSATS Institute of Information Technology Lahore Campus and it will be released after the completion of warranty period, which start from the date of completion of work / installation.**

26. **The bidder is required to furnish in form of Bank deposit/ CDR / Pay order equivalent to 2% of the total Bid price as Earnest Money crossed in favor of "COMSATS Institute of Information Technology, Lahore Campus". Any bid not accompanied by Earnest Money shall be rejected without any right of appeal.**

27. COMSATS Institute of Information Technology, Lahore Campus reserves the rights to accept or reject the bid if;
    i. Received without earnest money
    ii. Received later than the date and time fixed for tender submission
    iii. The tender is unsigned/ unstamped
    iv. The offer is ambiguous
    v. The offer is conditional
    vi. Offer is made by the unauthorized agent/ supplier of the original equipment manufacturer.
    vii. The offer is from a firm, which is black listed by any Govt. Office.
    viii. The offer is received by telephone/telex/fax/telegram.
    ix. Any unsigned / ambiguous erasing, cutting / overwriting etc. is made.

28. The bidder should furnish a certificate as worded below in token of acceptance of all the terms and conditions of the tender. Otherwise the tender will not be considered under any circumstances.

29. The undersigned affirm that the terms and conditions as contained in this document have been read and accepted and that in the event of selection of my/our rate the agreement in the prescribed form will be entered into:

- **Company / Vendor Name:**……..…….……...
- **Postal Address:**…….
- **Tel. / Mobile:**……..……**Email:**…….……...…

Signature & Stamp of Bidder

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- **NTN# :…….GST#:……..……**
- **Signature: ……..**
- **Please also attach the Certificate supporting being Active Taxpayer as per requirement of FBR.**

BoQs of Supply of IT Equipment for Data Center of CIIT-Lahore

Technical Portion (Please mention the quoted model/ brand in technical portion with no mention of price otherwise the bid will be rejected)

No change in the BoQs (Specs & Qty.) of CIIT, as detailed below, is allowed. Any additional information may be mentioned in the blank columns (i.e. model / brand or Price). Any modification in CIIT's BoQ may lead to rejection of bid (fully or partially).				**Quoted Model Brand with meeting the all specifications**
Sr.#	**Item Name**	**Details/Specifications**	**Qty**	
1	**Rack Mountable Server**	2x16 Core Intel Xeon Scalable Processor (Base Freq 2.1 GHz, 22M Cache)	**03 Nos.**	
		RAM:128GB DDR4 Type: RDIMM/LRDIMM/NVDIMM, Bus Speed 2666MT/s, DIMMS Dual Rank, Data Width 4x		
		HDD: 2x 300GB 10K SAS 12Gbps Hot-plug HDD: 8GB DualSD Card for Hypervisor(Raid 1)		
		Raid Controller : Raid Controller Card RAID Support levels 0, 1, 5, 6,10 Data Transfer Rates : 12Gbps per port Hard drives support: SATA, SAS, NL-SAS and SSD with mixing of different drive types Cache : 1 Gb or higher Non-Volatile / Battery Backed /Flash Back		
		Redundant Power Supply		
		Network Cards: 1x Dual Port 10G Base-T Network Card with backward compatible to 1 G Base-T		
		Network Cards: 1 x Dual Port 16Gb FC HBA with transceivers		
		Network Cards: 1 x Quad Port 1GbBase-T		
		Optical Drive: DVD+/-RW, SATA, Internal		
		Must include all related cables, Rack Rails and		

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		cable arms		
		Storage Protocols Support : iSCSI and FC		
		Remote Management		
		Warranty and Support : 5 Years on site Next Business day for complete product warranty including all accessories.		
2	**Unified 3 -Tiered Storage Solution**	Unified storage with dual Active – Active Controllers or more	**01 No.**	
		Total 64 GB Cache/Memory (Battery backed/ flash back) per System		
		Connectivity: 2 x 10GbE iSCSI SFP+ ports per controller with 4x10M 10Gb DAC / Twinax cables		
		Connectivity: 2 x 16Gb FC ports per controller		
		Redundant Hot swappable Power Supply		
		200 Drives or more (SSD+SAS+NLSAS) Support		
		Should support Raid 0, 1, 5, 6, and 10		
		Should Support mix RAID configuration within a single Tier		
		No Single Point of Failure and components must be hot pluggable in storage		
		Storage backend Must be 12Gbps SAS		
		Capacity Requirement: Tier 1 (SSD): At least 2TB usable capacity with 2 Hot spare SSD with Raid-5		
		Capacity Requirement: Tier 2 (10K SAS): At least 6TB usable capacity with 2 Hot spare HDD with Raid-5		
		Capacity Requirement: Tier 3 (7K NLSAS): At least 10TB usable capacity with 2 Hot spare HDD with Raid-6		
		All Extra HDD bays fillers should be included.		
		Built-in Support: Thin provisioning, Auto Tiering, Re-direct on write snapshot, VLAN tagging, Data Reduction(Deduplication / Compression/ Zero Detect/Inline Compression) ,iSCSI ,FC, NFS, SMB.		
		software upgrade must be covered under warranty		

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		Support Application consistent snapshot/Recovery which support VMware, Hyper-V, MS SQL.		
		Reporting tool/s that cover all major features including license if required		
		Must include all related cables, Rack Rails and cable arms.		
		Should Support any combination of drives (SSD, SAS, NLSAS)		
		OS Support, Windows, Linux, VMware.		
		Software & Licenses: All Necessary software / licenses for operations and above mentioned features.		
		5 Years on site complete product warranty including all accessories and 24/7 Technical Support & Assistance		
		Remote Management		
3	**SAN Switch**	12 x 16Gb FC Active Ports Fiber Channel Switch	**02 Nos.**	
		12 x 15M LC/LC MM OM4 FC cables		
		Scalable to 24 Ports upon licenses activation		
		Rack Mount Kit		
		Redundant power supply		
		Warranty and Support : 5 Years on site Next Business day for complete product warranty including all accessories.		
Purchase Order will be awarded on Sub Total Basis for Sr. # 1-3.				
4	**Professional Laptops**	Type: Professional Laptop	**03 Nos.**	
		CPU: 7th Gen. Quad Core Intel Core i5 (Min 2.4GHz & Min 6MB cache)		
		RAM: 2 x 4GB DDR4 Memory		
		HDD: 500GB (7200 RPM) Hard Drive		
		SSD: SSD mSata / M.2 Sata 64GB or higher (WWAN /PCIe/M.2 Sata)		
		Screen: 14.0" HD (1366 x 768) Anti-glare		
		Web Cam: HD camera		
		LAN: 10/100/1000 Ethernet		
		Wireless: Dual-Band Wireless- AC(2x2) + BT 4.2 Wireless Card (2x2)		
		Ports / Interfaces: 2x 3.0 USB (1x with Power share), HDMI, RJ45.		

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		Key Board: International US-English Qwerty Backlit Keyboard.		
		Security: Finger Print sensor based		
		Wireless Mouse: yes		
		Battery : Long Backup Battery		
		Storage technology: Intel Rapid/Smart Storage Technology		
		Bag /Pouch: Premier Slim Backpack for 14"		
		Warranty: 3 Years Comprehensive warranty.		

Vendor Qualification Criteria

Vendor Qualification	Document Needed	Item #	Required Yes /No
Authorized Tier 1/Level-I Partnership/Authorized service provider	**Certificate from Principal/Manufacturer**	**1,2,3 & 4**	**Yes**
Associate Period with Principle/Manufacture 3 Years	**Letter from Principal/Manufacturer**	**1,2 & 3**	**Yes**
Project Participation Authorization from Principal/Manufacturer	**Letter from Principal/Manufacturer**	**1,2 & 3**	**Yes**
Proof of Same level/Class project deployment No of 3 Projects	**Copy of Purchase Order with Delivery challan OR Letter from Customer**	**1,2 & 3**	**Yes**
Warranty Coverage from Manufacturer/Principal	**Letter from Principal/Manufacturer OR Email from Manufacturer**	**1,2,3 & 4**	**Yes**
Product Support Period No of 5 Years	**Letter from Principal/Manufacturer OR Email from Manufacturer OR Online from Manufacture Website**	**1,2 & 3**	**Yes**
Product Support Period No of 3 Years	**Letter from Principal/Manufacturer OR Email from Manufacturer OR Online from Manufacture Website**	**4**	**Yes**

Product Qualification Criteria (All Items)

- If the product offered by vendor, failed to meet the specifications / standards mentioned in the BOQ, it will be rejected straightaway along with its and no further consideration will be given. Also if the offered product has better specifications than the requirement of BOQ it will be accepted.

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Financial Portion (Price and Brand/Model to be mention only in Financial Proposal in a separate sealed envelope)

No change in the BoQs (Specs & Qty.) of CIIT, as detailed below, is allowed. Any additional information may be mentioned in the blank columns (i.e. model / brand or Price). Any modification in CIIT's BoQ may lead to rejection of bid (fully or partially).				Quoted Model / Brand	Rates to be quoted in C&F with all freight & packing charges at Karachi Seaport	
Sr.#	**Item Name**	**Details/Specifications**	**Qty**		**Unit Price (C&F Karachi Seaport) with mentioning of Quoted Currency**	**Total Price (C&F Karachi Seaport) with mentioning of Quoted Currency**
1	**Rack Mountable Server**	2x16 Core Intel Xeon Scalable Processor (Base Freq 2.1 GHz, 22M Cache)	**03 Nos.**			
		RAM:128GB DDR4 Type: RDIMM/LRDIMM/NVDIMM, Bus Speed 2666MT/s, DIMMS Dual Rank, Data Width 4x				
		HDD: 2x 300GB 10K SAS 12Gbps Hot-plug HDD: 8GB DualSD Card for Hypervisor(Raid 1)				
		Raid Controller : Raid Controller Card RAID Support levels 0, 1, 5, 6,10 Data Transfer Rates : 12Gbps per port Hard drives support: SATA, SAS, NL-SAS and SSD with mixing of different drive types Cache : 1 Gb or higher Non-Volatile / Battery Backed /Flash Back				
		Redundant Power Supply				
		Network Cards: 1x Dual Port 10G Base-T Network Card with backward compatible to 1 G Base-T				
		Network Cards: 1 x Dual Port 16Gb FC HBA with transceivers				
		Network Cards: 1 x Quad Port 1GbBase-T				
		Optical Drive: DVD+/-RW, SATA, Internal				
		Must include all related cables, Rack				

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		Rails and cable arms					
		Storage Protocols Support : iSCSI and FC					
		Remote Management					
		Warranty and Support : 5 Years on site Next Business day for complete product warranty including all accessories.					
2	**Unified 3 -Tiered Storage Solution**	Unified storage with dual Active – Active Controllers or more		**01 No.**			
		Total 64 GB Cache/Memory (Battery backed/ flash back) per System					
		Connectivity	2 x 10GbE iSCSI SFP+ ports per controller with 4x10M 10Gb DAC / Twinax cables				
			2 x 16Gb FC ports per controller				
		Redundant Hot swappable Power Supply					
		200 Drives or more (SSD+SAS+NLSAS) Support					
		Should support Raid 0, 1, 5, 6, and 10					
		Should Support mix RAID configuration within a single Tier					
		No Single Point of Failure and components must be hot pluggable in storage					
		Storage backend Must be 12Gbps SAS					
		Capacity Requirement	Tier 1 (SSD): At least 2TB usable capacity with 2 Hot spare SSD with Raid-5				
			Tier 2 (10K SAS): At least 6TB usable capacity with 2 Hot spare HDD with Raid-5				
			Tier 3 (7K NLSAS): At least 10TB usable				

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			capacity with 2 Hot spare HDD with Raid-6				
		All Extra HDD bays fillers should be included.					
		Built-in Support: Thin provisioning, Auto Tiering, Re-direct on write snapshot, VLAN tagging, Data Reduction(Deduplication / Compression/ Zero Detect/Inline Compression) ,iSCSI ,FC, NFS, SMB.					
		software upgrade must be covered under warranty					
		Support Application consistent snapshot/Recovery which support VMware, Hyper-V, MS SQL.					
		Reporting tool/s that cover all major features including license if required					
		Must include all related cables, Rack Rails and cable arms.					
		Should Support any combination of drives (SSD, SAS, NLSAS)					
		OS Support, Windows, Linux, VMware.					
		Software & Licenses: All Necessary software / licenses for operations and above mentioned features.					
		5 Years on site complete product warranty including all accessories and 24/7 Technical Support & Assistance					
		Remote Management					
3	**SAN Switch**	12 x 16Gb FC Active Ports Fiber Channel Switch		**02 Nos.**			
		12 x 15M LC/LC MM OM4 FC cables					
		Scalable to 24 Ports upon licenses activation					
		Rack Mount Kit					

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		Redundant power supply				
		Warranty and Support : 5 Years on site Next Business day for complete product warranty including all accessories.				
Sub Total Amount (C&F) with mentioning of Quoted Currency for Sr. # 1-3						

No change in the BoQs (Specs & Qty.) of CIIT, as detailed below, is allowed. Any additional information may be mentioned in the blank columns (i.e. model / brand or Price). Any modification in CIIT's BoQ may lead to rejection of bid (fully or partially).				**Quoted Model / Brand**	**Rate to be quoted Inclusive of all (applicable) Taxes**	
Sr.#	**Item Name**	**Details/Specifications**	**Qty**		**Unit Price (Rs.)**	**Total Price (Rs.)**
4	**Professional Laptops**	Type: Professional Laptop	**03 Nos.**			
		CPU: 7th Gen. Quad Core Intel Core i5 (Min 2.4GHz & Min 6MB cache)				
		RAM: 2 x 4GB DDR4 Memory				
		HDD: 500GB (7200 RPM) Hard Drive				
		SSD: SSD mSata / M.2 Sata 64GB or higher (WWAN /PCIe/M.2 Sata)				
		Screen: 14.0" HD (1366 x 768) Anti-glare				
		Web Cam: HD camera				
		LAN: 10/100/1000 Ethernet				
		Wireless: Dual-Band Wireless-AC(2x2) + BT 4.2 Wireless Card (2x2)				
		Ports / Interfaces: 2x 3.0 USB (1x with Power share), HDMI, RJ45.				
		Key Board: International US-English Qwerty Backlit Keyboard.				
		Security: Finger Print sensor based				
		Wireless Mouse: yes				
		Battery : Long Backup Battery				
		Storage technology: Intel Rapid/Smart Storage Technology				
		Bag /Pouch: Premier Slim Backpack for 14"				

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		Warranty: 3 Years Comprehensive warranty.				

Special Term and Condition:

Term and Conditions	Item #	Required Yes /No
Complete Installation and Configuration will be the responsibility of the bidder with in the 15 days of the delivery of the equipment.	**1,2,3**	**Yes**
Hardware racking, virtualization/OS, SAN mounting and volume assignment /Installation should be done by OEM or by the bidder under the supervision of OEM.	**1,2 &3**	**Yes**
Integration of quoted hardware with the existing hardware to be done (if required) by the vendor without any additional charges.	**1,2,3**	**Yes**
Vendor will be required to provide training and certificates of participation to relevant administrators on provided equipment.	**1,2 & 3**	**Yes**
Vendor will be required to quote only models which will not EOL (End of Life) / EOS (End of Support) in next five years etc.	**1,2,3&4**	**Yes**
Faulty/ Dead part will be replaced during the warranty period instead of repairing.	**1,2,3 & 4**	**Yes**

Note:

1. **Please quote the rates on our BoQs and clearly mention the quoted model / brands, otherwise your bid / items may be rejected.**
2. **Purchase / work order (s) will be awarded on Sub Total Basis for Sr. # 1-3 and Item Wise Basis for Sr. # 4 as mentioned in BoQs.**
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 technical committee. In case of any clash is found between the quoted model and the literature model. So the item/bid may be rejected.**
4. **Kindly attach the Tender fee with Technical Bid and Bid money / CDR with Financial Bid.**
5. **Please submit the technical and financial bid (s) on our prescribed BoQs and clearly mention the quoted model / brands, otherwise your bid (s) may be rejected and also attach the terms and conditions (signed, stamped) with both bids.**
6. **Multiple rates of an item may also lead to the rejection of bid / item.**

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