



TENDER DOCUMENTS

PROCUREMENT OF IT EQUIPMENT (ICT)- NUTECH

NUTECH/SCM/ IT Equipment (ICT) -2020/TD-105

NATIONAL UNIVERSITY OF TECHNOLOGY

TENDER NOTICE

National University of Technology (NUTECH)

NUTECH/SCM/ IT Equipment (ICT) - 2020/TD-105

Sealed bids are invited from Government / FBR Registered Firms for the procurement of IT Equipment for Data Centre NUTECH.

1. Tender documents containing terms & conditions and detailed specifications of items can be downloaded from NUTECH website "<https://nutech.edu.pk/d-p.php>" w.e f **10 Jan 2020**.
2. Quotations shall be submitted as per requirement of the tender documents.
3. Bidders will be required to submit bank draft/PO equal to 5% of quoted value as Bid Bond in favor of National University of Technology (NUTECH).
4. Sealed bids with detailed specification should reach on the following address latest by **1100 hours on 28 Jan 2020**. Late submission will not be entertained.
5. Bids will be opened at **1130 hours on 28 Jan 2020 at SCM Office**.
6. Project is to be completed in 30 days from the date of award of contract.
7. Submit Rs 1500/- as Tender fee in favour of NUTECH HBL account: **NUTECH Tendering and contracts, 5037- 7000210755**. Please attach bank receipt with technical offer. Offers will not be entertained without payment of processing fee.

Deputy Director (Supply Chain Management Office)
NATIONAL UNIVERSITY OF TECHNOLOGY (NUTECH) UPROAD,SECI-12,
ISLAMABAD
Tel: 0092-51-5476768, Ext :227



NATIONAL UNIVERSITY OF TECHNOLOGY

SUPPLY CHAIN MANAGEMENT OFFICE

INVITATION TO TENDER

Submission Date/Time 28 Jan 2020 at 1100 hours

1. NUTECH desires to procure the list of item(s)/Store(s) as per **Annexure-A**. Interested bidders are requested to send their bids through courier or deliver at NUTECH under two separate sealed envelopes (placed together in third envelope), marked clearly, "**Technical Offer**" and "**Commercial Offer**", respectively to the undersigned, latest by or before above mentioned due date. If due to any unforeseen circumstances, NUTECH establishment remains closed, then the last date of submission will be extended to next working day.

2. Please also note that Technical Offer should contain only Annexes-A & B duly filled in (supported with relevant technical literature /details/ catalogues etc) and receipt of tender processing fee. Commercial Offer will contain Annexure-C and bid bond (Dully mentioned and placed in separate envelop). Please ensure no space is left blank in the annexes.

3. Following must be noted for this IT (Invitation to Tender):-

- a. 1 x copy of technical offer are to be provided.
- b. Annexes A, B and C must be signed and stamped. Attach only relevant documents.
- c. Please complete all document as per given format. Do not use your format or letter head. Offer may be rejected if given format is not followed.
- d. Validity of offer will be 90 days.
- e. Delivery period will be 30 days from the date of award of contract.
- f. The firm should provide point to point acceptance of each clause of IT and special instructions attached with IT.
- g. Quote firm will render a certificate with technical offer that firm is neither defaulter nor blacklisted by any Government / Semi Government organization directly or indirectly.
- h. Tender(s) must be accompanied with a Bid Bond in agreement of faithful compliance of the conditions of Contract/Purchase Order. This amount will be equivalent to 5% of the total quoted value. In case of non-acceptance of any offer, the Bid Bond will be returned to the bidder by fastest possible means. The Bid Bond amount submitted by the successful bidder

will however be refunded on effective termination of Contract/ Purchase Order. (The Bid Bond will be forfeited in case of default by the bidder from his commitments made through his offer). Submission of Bid Bond is mandatory; otherwise your offer will be rejected.

- i. 1 year warranty against 5% bank guarantee will be required from the successful bidders from the date of commissioning.
- j. Rates should be quoted on Free Delivery basis at NUTECH Islamabad.
- k. Firms with previous pending business with NUTECH may not be considered for award of this tender.

4. We reserve the rights to accept or reject any or all tenders as a whole or in part without assigning any reason whatsoever. The decision in this regard will be firm, final and binding on all bidders.

DD (Supply Chain Management)



NATIONAL UNIVERSITY OF TECHNOLOGY

SUPPLY CHAIN MANAGEMENT OFFICE

TECHNICAL OFFER

Annex A

User Reference No **NUTECH/SCM/ IT Equipment (ICT) - 2020/TD-105**

Technical Specification

LOT A									
Ser	Items	Description	Country of Origin	A/U	Qty Req	Bidder Compliance		Tech Scrutiny to be done by user	
						Yes	No	Accepted	Rejected
								Reason of rejection	
1	Multi-Media Projector	Number of pixels 1024x768 (XGA), 1280x800 (WXGA), 3200 lumens, Size, Aspect ratio 0.55 type, 4:3 0.65 type, 16:10, Projection distance W: 2.4 - 7.2 m or T: 2.6 - 7.9 m, Projection distance for 100" 3.97 - 4.37 m, Lamp type Super-high pressure lamp for projectors, Lamp power *2 210/170 W, Contrast Ratio 10000:1, Analog PC input , Digital PC input, MHL input 1080p/1080i/720p/576p/480p/576i/480i, Component video input Video input/S-video input NTSC/PAL/SECAM/NTSC4.43/PAL-M/PAL-N/PAL-60, Terminals, Mini Dsub15 x2 Analog PC / Component video input, HDMI (MHL) Digital PC/Digital video/MHL input, Mini DIN4 S-video input, RCA Video input Mini jack x2 Audio input x1, Audio output x1, Dsub9 RS-232C connection, RJ-45 Network connection (100BASE-TX / 10BASE-	European/US A	Nos.	15				

		T), USB type B Service port, Mechanics, Adjustable feet Front: 1, Rear: 1 (the angle of elevation of up to 6), Built-in speaker 10 W Monaural, Network Aware, along with 2x HDMI cables, 2x VGA cables, 2x HDMI DP port cable with min 30M length each, along with motorized wall mount display sheet with remote control, along with iron ceiling mount stand and its installation as well.							
LOT B									
Ser	Items	Description	Country of Origin	A/U	Qty Req	Bidder Compliance		Tech Scrutiny to be done by user	
						Yes	No	Accepted	Rejected
								Reason of rejection	
1	CAT6 UTP Cable Roll	Cat6 UTP 23AWG solid cable – 305M/Roll,	European / USA	Roll	10				
2	RJ45 Connector	Good quality RJ45 connector, plastic body	Any	No.	1,400				
3	Cable Manager	Imported Cable Managers	European / USA	No.	10				
4	Patch Panel	24 port patch panel, branded Cat6 UTP, patch panel with detachable I/Os	European / USA	No.	10				
5	Network Patch Cords	UTP CAT6 patch cords, 1 meter long	European / USA	No.	100				
6	Network Patch Cords	UTP CAT6 patch cords, 3 meter long each	European / USA	No.	100				
7	RJ45 Cable Extender	RJ45 modular Female/Female couplers	Any	No.	200				
8	Face Plates with dual I/O	Good quality network face plates with dual I/O (2x Network Ports) with back box	Any	No.	100				
9	Ducts (40*40)	Good quality, duct size (40*40), 10 ft long Brand: adamjee or popular	Any	No.	50				
10	Ducts (16*25)	Good quality, ducts size (16*25)	Any	No.	100				

		Brand: adamjee or popular						
11	Ducts (25*25)	Ducts Size (25*25) Brand: adamjee or popular	Any	No.	100			
12	Cable Ties (6 no)	Cable ties size of 6 inches (100 ties in each packets)	Any	Packet	30			
13	Cable Ties (8 no)	Cable ties size of 8 inches (100 ties in Packets)	Any	Packet	40			
14	Cable Ties (12 no)	Cable ties size of 12 inches (100 ties in Packets)	Any	Packet	20			
15	Rawal Plug	6no (15 Box) & 8no (5x Box), 100 rawal plug in each box	Any	Box	20			
16	Screws	10x1 inch, 10x 1.5 inch, 10x 2 inch, 5x 2.5 inch Boxes, 100 screws in each box	Any	Box	35			
17	Insulation Tape	Insulation tape roll (10x Pieces in each roll), 5x black color, 5x red color and 5x white color	Any	Roll	15			
18	Transparent Tape	Transparent tape roll, width 2 inches	Any	No.	15			
19	Transparent Tape	Transparent tape roll, width 1 inch	Any	No.	20			
20	Back Boxes	PVC Back Box 3x3	Any	No.	30			
21	Double Tape	Double Tape 1"	Any	No	20			
22	Console Cable	USB to RJ45 console cable, 6 feet long, RS232 standard compliance, supports all networking equipment	Any	No.	3			

LOT C

Ser	Items	Description	Country of Origin	A/U	Qty Req	Bidder Compliance		Tech Scrutiny to be done by user	
						Yes	No	Accepted	Rejected
								Reason of rejection	
1	Slide Changer	Logitech intuitive controls and red laser pointer make presentations a snap, even in the darkest auditoriums. Intuitive slideshow controls, Battery indicator Plug-	Any	No.	10				

		and-play wireless receiver, Up to 50-Foot (15-Meter) Range WARRANTY 12 Months Brand Warranty						
2	Portable DVDs RW	USB based portable DVD RW, Ultra-slim, sleek design with rounded edges – just 13.9mm thick, Compatible with CD-R/RW, DVD±R, DVD±RW, DVD±R DL, M-DISC, DVD-RAM media, USB 2.0 interface for high-speed data transfer, Reads and writes Dual Layer discs, USB powered - No external power adapter needed, Anti-slip rubber feet, Includes free Cyber Link Media Suite 10 (Power 2Go and Media Show) media writing software download	Any	No.	10			
3	Battery Recharger	9V battery recharger, auto safety feature, over charge protection. (batteries to be charged are mentioned in serial 4)	Any	No.	2			
4	9 Volt Battery	Rechargeable Energizer Max Alk 9V Battery	Any	No.	10			
5	VGA cables	Good quality, length of 25 meters for each cable	Any	No.	10			
6	DP Cables	Length of 1.5 meters for each cable	Any	No.	30			
7	HDMI Cables	Length of 1.5 meters for each cable	Any	No.	50			
8	RS 232 to USB Converter (aten uc232a)	Support the RS232 Serial interface, Full compliance with the USB Specification, Up to 921.6 Kbps data transfer rate, Works with cellular phones, PDAs, digital cameras, modems or ISDN terminal adapter OS Compatibility: Windows, Mac, Linux	Any	No.	2			

LOT D

Ser	Items	Description	Country of Origin	A/U	Qty Req	Bidder Compliance		Tech Scrutiny to be done by user	
						Yes	No	Accepted	Rejected
								Reason of rejection	

1	Power Extension boards	5M in cable length, High Quality Power extension boards with 1 year Warranty	Any	No	50			
2	Power Cable	1.5mm 2 Core Cables , 90meter/coil Pakistan Cable / Fast Cable	Any	Coil	3			
3	Output Loop Cable C13/C14	Output Loop Cable C13/C14 250V/15A Power Extension Cord, for 1KVA & 2KVA, length 5M	Any	No.	75			
4	Output Loop Cable C13/C14	Output Loop Cable C13/C14 250V/15A Power Extension Cord, length 2M	Any	No.	200			
5	Power Sockets	Light Plug with back box	Any	No.	30			

Special Instructions IT Equipment

Description	Bidder			Tech Scrutiny to be done by User		
	Yes	No	Alternate Offer	Accepted	Rejected	Reasons of Rejection
LOT a. Each LOT is packaged deal b. Any firm participating must provide all items mentioned in LOT A, B, C or D, However a firm can participate in all LOTs or individually.						
Operations Training a. Operational training of equipment will be carried by the supplier						
Installation and Commissioning a. Commissioning of the equipment (Software & Hardware) will be carried out by OEM rep at his own cost and risk at designated place at NUTECH. b. Any Special requirement must be specified in the offer by the supplier.						
Standard & Compliance. Bidder must submit specification compliance in their bids, non-compliance (if any) against the product specification and general terms & conditions of the tender will lead to the disqualification of the bidder.						
Support Services a. 24x7x365 Support Services including public holidays b. Suppliers to have in-country spares/Technical support and ensure spares and technical support/Assistance for next 2 years.						
Warranty Period a. 1 Year Comprehensive warranty for all items from the day of commissioning. b. A Warranty sticker is to be pasted on each item by the supplier/ OEM highlighting name of Firm, Contract No and Date, Description of Store and warranty validity.						
Physical Inspection Criteria <ul style="list-style-type: none"> • 100% Physical inspection of store will be carried out before commissioning of the equipment for following details <ul style="list-style-type: none"> a. For physical damage, scratches and deformity. b. Accessories/ Components as per contractual Specifications 						

c. Brand name and country origin.						
Improvement and Safety Measures. Any improvement and safety measures suggested by NUTECH during commissioning are to be resolved by the supplier manufacturer at no extra cost.						
Liability of Supplier a. OEM certificate of authorized dealership. Supplier is to provide original OEM certificate of subject equipment bought directly from the manufacturer and being an authorized dealer. b. In Case the equipment supplied is not compatible with specifications, the supplier will be obliged to call his representatives at his own cost for consultation and corrective action						
Special Notes a. Additional requirements for the maintenance of equipment (if any) must be intimated by the supplier in technical offer. b. Equipment must be a standard product of OEM available at web address of OEM. c. In case of premature failure of the equipment, OEM has to replace / rectify the item free of cost. Required transportation charges would be borne by the supplier.						

Firm Name _____
Signature _____
Name _____
Designation _____



NATIONAL UNIVERSITY OF TECHNOLOGY
SUPPLY CHAIN MANAGEMENT OFFICE

TECHNICAL OFFER

Annex B

User Reference No **NUTECH/SCM/ IT Equipment (ICT) - 2020/TD-105**

Please fill in the following essential parameters:

1. Validity of Offer: _____ Days (Should not be less than 90 days)
2. Delivery Period: _____ Days (After Placement of order)
3. Country of Origin: _____
4. Warranty/Guarantee: _____ Months from the date of final acceptance of the stores.

General

GST No: _____ (Please enclose copy)

NTN/CNIC: _____ (if exempted, please provide valid exemption certificate)

Payment Terms:

1. 50 % advance payment (Against valid bank Guarantee)
2. 50% Payment after delivery, installation /commissioning, user satisfaction certificate

Details of Payment Recipient

(1) Name/Title: _____

(2) Address: _____

OEM Name:	Firm Name:	Signature:
OEM Focal Person:	Firm Focal Person:	Official Seal:
OEM Phone Number:	Firm Phone Number:	Name:
OEM Email Id:	Firm Email Id:	Designation:



NATIONAL UNIVERSITY OF TECHNOLOGY
SUPPLY CHAIN MANAGEMENT OFFICE

FINANCIAL OFFER

Annex C

User Reference No **SCM/ IT Equipment (ICT) -2020/TD-105**

LOT A

Ser	Items	Description	A/U	Qty Req	Unit Price (Rs) (Excluding GST)	GST (Rs)	Total Unit Price (Rs)	Total Price for Total Qty (Rs)
1	Multi-Media Projector	Number of pixels 1024x768 (XGA), 1280x800 (WXGA), 3200 lumens, Size, Aspect ratio 0.55 type, 4:3 0.65 type, 16:10, Projection distance W: 2.4 - 7.2 m or T: 2.6 - 7.9 m, Projection distance for 100" 3.97 - 4.37 m, Lamp type Super-high pressure lamp for projectors, Lamp power *2 210/170 W, Contrast Ratio 10000:1, Analog PC input , Digital PC input, MHL input 1080p/1080i/720p/576p/480p/576i/480i, Component video input Video input/S-video input NTSC/PAL/SECAM/NTSC4.43/PAL-M/PAL-N/PAL-60, Terminals, Mini Dsub15 x2 Analog PC / Component video input, HDMI (MHL) Digital PC/Digital video/MHL input, Mini DIN4 S-video input, RCA Video input Mini jack x2 Audio input x1, Audio output x1, Dsub9 RS-232C connection, RJ-45 Network connection (10BASE-TX / 10BASE-T), USB type B Service port, Mechanics, Adjustable feet Front: 1, Rear: 1 (the angle of elevation of up to 6), Built-in speaker 10 W Monaural, Network Aware, along with 2x HDMI cables, 2x VGA cables, 2x HDMI	No.	15				

		DP port cable with min 30M length each, along with motorized wall mount display sheet with remote control, along with iron ceiling mount stand and its installation as well.						
LOT B								
Ser	Items	Description	A/U	Qty Req	Unit Price (Rs) (excluding GST)	GST (Rs)	Total Unit Price (Rs)	Total Price for Total Qty (Rs)
1	CAT6 UTP Cable Roll	Cat6 UTP 23AWG solid cable – 305M/Roll,	Roll	10				
2	RJ45 Connector	Good quality RJ45 connector, plastic body	No.	1,400				
3	Cable Manager	Imported Cable Managers	No.	10				
4	Patch Panel	24 port patch panel, branded Cat6 UTP, patch panel with detachable I/Os	No.	10				
5	Network Patch Cords	UTP CAT6 patch cords, 1 meter long	No.	100				
6	Network Patch Cords	UTP CAT6 patch cords, 3 meter long each	No.	100				
7	RJ45 Cable Extender	RJ45 modular Female/Female couplers	No.	200				
8	Face Plates with dual I/O	Good quality network face plates with dual I/O (2x Network Ports) with back box	No.	100				
9	Ducts (40*40)	Good quality, duct size (40*40), 10 ft long Brand: adamjee or popular	No.	50				
10	Ducts (16*25)	Good quality, ducts size (16*25) Brand: adamjee or popular	No.	100				
11	Ducts (25*25)	Ducts Size (25*25) Brand: adamjee or popular	No.	100				

12	Cable Ties (6 no)	Cable ties size of 6 inches (100 ties in each packets)	Packet	30				
13	Cable Ties (8 no)	Cable ties size of 8 inches (100 ties in Packets)	Packet	40				
14	Cable Ties (12 no)	Cable ties size of 12 inches (100 ties in Packets)	Packet	20				
15	Rawal Plug	6no (15 Box) & 8no (5x Box), 100 rawal plug in each box	Box	20				
16	Screws	10x1 inch, 10x 1.5 inch, 10x 2 inch, 5x 2.5 inch Boxes, 100 screws in each box	Box	35				
17	Insulation Tape	Insulation tape roll (10x Pieces in each roll), 5x black color, 5x red color and 5x white color	Roll	15				
18	Transparent Tape	Transparent tape roll, width 2 inches	No.	15				
19	Transparent Tape	Transparent tape roll, width 1 inch	No.	20				
20	Back Boxes	PVC Back Box 3x3	No.	30				
21	Double Tape	Double Tape 1"	No.	20				
22	Console Cable	USB to RJ45 console cable, 6 feet long, RS232 standard compliance, supports all networking equipment	No.	3				

LOT C

Ser	Items	Description	A/U	Qty Req	Unit Price (Rs) (excluding GST)	GST (Rs)	Total Unit Price (Rs)	Total Price for Total Qty (Rs)
1	Slide Changer	Logitech intuitive controls and red laser pointer make presentations a snap, even in the darkest auditoriums. Intuitive slideshow controls, Battery indicator Plug-and-play wireless receiver, Up to 50-Foot (15-Meter) Range WARRANTY 12 Months Brand Warranty	No.	10				

2	Portable DVDs RW	USB based portable DVD RW, Ultra-slim, sleek design with rounded edges – just 13.9mm thick, Compatible with CD-R/RW, DVD±R, DVD±RW, DVD±R DL, M-DISC, DVD-RAM media, USB 2.0 interface for high-speed data transfer, Reads and writes Dual Layer discs, USB powered - No external power adapter needed, Anti-slip rubber feet, Includes free Cyber Link Media Suite 10 (Power 2Go and Media Show) media writing software download	No.	10				
3	Battery Recharger	9V battery recharger, auto safety feature, over charge protection. (batteries to be charged are mentioned in serial 4)	No.	2				
4	9 Volt Battery	Rechargeable Energizer Max Alk 9V Battery	No.	10				
5	VGA cables	Good quality, length of 25 meters for each cable	No.	10				
6	DP Cables	Length of 1.5 meters for each cable	No.	30				
7	HDMI Cables	Length of 1.5 meters for each cable	No.	50				
8	RS 232 to USB Converter (aten uc232a)	Support the RS232 Serial interface, Full compliance with the USB Specification, Up to 921.6 Kbps data transfer rate, Works with cellular phones, PDAs, digital cameras, modems or ISDN terminal adapter OS Compatibility: Windows, Mac, Linux	No.	2				
LOT D								
Ser	Items	Description	A/U	Qty Req	Unit Price (Rs) (excluding GST)	GST (Rs)	Total Unit Price (Rs)	Total Price for Total Qty (Rs)
1	Power Extension boards	5M in cable length, High Quality Power extension boards with 1 year Warranty	No.	50				

2	Power Cable	1.5mm 2 Core Cables , 90meter/coil	Coil	3				
3	Output Loop Cable C13/C14	Output Loop Cable C13/C14 250V/15A Power Extension Cord, for 1KVA & 2KVA, length 5M	No.	75				
4	Output Loop Cable C13/C14	Output Loop Cable C13/C14 250V/15A Power Extension Cord, length 2M	No.	200				
5	Power Sockets	Light Plug with back box	No.	30				
Total								

Bid Bond Ref _____

Total Gross Value _____

*Custom duty is to be quoted separately.

**Bid Bond to be attached with Annex C. Copy of Bid Bond be attached with

Technical offer without showing its value. Exposure of bid bond in tech bid may result in rejection of offer.

Firm Name _____
Signature _____
Name _____
Designation _____