



SUPPLY AND INSTALLATION OF IT EQUIPMENTS FOR GOVERNMENT COLLEGE UNIVERSITY FAISALABAD UNDER THE PARF PROJECT

Purchase Price: Rs. 1,000/-

Sealed tenders / bids are invited from the well reputed firms / importers / suppliers, registered with Sales Tax and Income Tax Departments as Active Tax Payers for **SUPPLY AND INSTALLATION OF IT EQUIPMENTS**. Details & Specifications of which are separately attached as Appendix "A".

GENERAL TERMS & CONDITIONS

1. Tender Opening Date & Procedure:

- 1.1 The procurement shall be completed in accordance with Punjab Procurement Rules 2014, on **Single Stage - Two Envelope** Bidding Procedure.
- 1.2 A single package containing two envelopes, separate Technical and Financial Bids, duly completed, signed, stamped, sealed and in complete conformity with terms and conditions as described in Tender Documents should be dropped in Tender Box placed at Directorate of Procurement & Inventory Control (DP & IC) of the GCUF, not later than **10:00 Hrs on 05-06-2018**.

Note: Tender Number must be mentioned on the envelopes.

- 1.3 Technical Bids will be opened first on **05-06-2018 at 10:30 Hrs** for evaluation by the "Technical Evaluation Committee".
- 1.4 Financial Bids will be opened (as per schedule issued later on) for only those successful technical bids which will be acceptable to the Technical Evaluation Committee.
- 1.5 Financial Bids of Unsuccessful Bidders will be returned un-opened.

2. Tender Fee, Bid Security and Performance Security:

- 2.1 Technical Bid must be accompanied by the Tender Fee of Rs. 1,000/- in shape of Call Deposit Receipt (CDR) in original on the name of "Treasurer, GCUF".
- 2.2 Financial Bid must be accompanied by Bid Security (refundable) of **Rs.392,800/- (@2% of the estimated price of Rs.19,640,000/-)** for whole tender OR Bid Security (refundable) @2% of the total quoted price of quoted item(s), in shape of Call Deposit Receipt (CDR) in original on the name of "Treasurer, GCUF"
- 2.3 Performance security @5% of the total bill shall be either retained by the University at the time of payment as per PPRA Rules, 2014 from the final bill of the successful bidder or will have to be submitted as a Call Deposit Receipt (CDR) / Bank Guarantee on the name of "Treasurer, GCUF" in original before the release of payment, which will be refunded / released after satisfactory performance / after sales service and termination of warranty period.

3. Validity of Offers and Mode of Import:

- 3.1 Offers shall be valid for 180 days from the closing date of submission of bids.
- 3.2 Withdrawal / modification of the original offer within the validity period shall entitle the University to forfeit Bid Security.
- 3.3 Sales Tax Number and NTN Number must be mentioned clearly on the letter head / cover letter / bidding documents.
- 3.4 The GCUF reserves the right to delete or decrease quantities as well as cancel whole tender or any part of it.
- 3.5 The University reserves the right to reject all bids / proposals at any time prior to the acceptance of bids or proposals as provided under Rule-35 of Punjab Procurement Rules, 2014. However, upon bidder's request the grounds for rejection will be communicated to the concerned but no justification will be given as per PPRA Rule 35(2).

4. Failures and Terminations:

No offer of a supplier / firm will be considered if:-

- 4.1 Bid received is either without Bid Security / CDR or with Bid Security / CDR less than the required.
- 4.2 Bid received is not in accordance with Tender Document, Tender Notice or Tender Specifications.
- 4.3 Bid received later than the date and time fixed for tender.
- 4.4 Bid / offer received is incomplete in any respect.
- 4.5 Bid / offer received is ambiguous and / or conditional.
- 4.6 Bid / offer received from a firm which is black listed at any level.
- 4.7 Bid in which any erasing / cutting / overwriting etc. is observed.
- 4.8 The vendor / supplier fails to deliver the consignment within specified delivery period strictly in accordance with the terms and conditions as laid down in the Tender Document / Purchase Order.
- 4.9 If situation warranted, then University is authorized to forfeit the Bid Security and the firm may also be black listed.
- 4.10 For acceptance of bids for equipment, bidders shall meet the Mandatory Requirements and Technical Specifications.

5. Other Special Conditions:

Following requirements define the scope of work of this Tender:

- 5.1 In case of any conflict, the decision of the Vice Chancellor of Government College University, Faisalabad, would be final & binding on both the parties.
- 5.2 The vendor must ensure that the supplied equipment is fully operational, new, perform properly and meet the technical specifications.
- 5.3 The vendor must ensure that the proposed hardware and software components should operate smoothly without any compatibility issues.
- 5.4 The vendor / supplier shall be responsible of providing services for operation and maintenance of the equipment provided, without any extra cost or hidden charges within warranty period.
- 5.5 The vendor shall provide any up-gradation of the software without any extra cost or hidden charges during warranty period.
- 5.6 Warranty period will be at least one year or standard warranty (whatever is more). Warranty period will be considered from the date of equipment commissioning (not from date of delivery).

- 5.7 Warranty should be directly provided by the principal or its authorized supplier in Pakistan and a 24x7 online support should be available.
- 5.8 The vendor will maintain an emergency on-call team of skilled technicians and engineers equipped with the necessary tools for emergency fault remediation within warranty period.
- 5.9 During repair / maintenance within the warranty period, stop gap arrangements will be the sole responsibility of the vendor.
- 5.10 The bidder shall quote single option of each equipment which may be equivalent to or higher than the required specifications. No alternative / multiple options will be accepted.
- 5.11 The bidder may quote price of one item or more than one item at his own choice.
- 5.12 The bidder shall provide Company profile, Authorization with Principal firm(s), Company experience in related field, Project completed (within last three years), Major clients' list (within last three years) & sites with same size or higher and "Equipment Technical Details (brochures, etc.)" by clearly mentioning the specifications, Country of Principal Manufacturer (make), model, origin (Country of manufacturing), part number, manufacturer's authorization form (MAF), manufacturing year etc.
- 5.13 Experience of similar project execution for last three years along with documentary evidences such as PO (Purchase Order) or equivalent is required.
- 5.14 The vendor shall provide comprehensive documentation of system deployed including diagrams, configuration and manuals etc at the time of installation and commissioning.
- 5.15 For acceptance of bids, bidders shall meet the mandatory requirements and Technical specifications. Therefore, the bidder should read carefully "Equipment Description and Specifications" before preparing Technical and Financial Proposals.
- 5.16 The technical proposal should be prepared in such a way that the comparison between specifications mentioned in the tender and the specifications quoted by the vendor can be possible.
- 5.17 Any condition written in technical or financial offer that is in conflict / contrary to the terms and conditions laid down in the said tender document will be considered null and void.
- 5.18 The Bidders are required to submit their financial proposals in Pak Rupees inclusive of all applicable tax, carriage charges etc till delivery of equipment(s) at GCUF Campuses.
- 5.19 All Government taxes will be deducted at the time of payment as per applicable Government rules.
- 5.20 In case of equipment against which only one financial bid receives / matures, market survey as per PPRA guidelines will be carried out.
- 5.21 Quoted equipments must be of companies from European Economic Countries/USA/Canada/Japan origin. In Passive Equipment Category, items at Sr # 14 - 18 may be quoted regardless of origin.
- 5.22 The quoted brand should have local presence with liaison office for last five years.
- 5.23 The quoted brand should have at least one part's replacement hub in Pakistan.
- 5.24 The GCUF reserves the right to suspend / cancel supply order (complete or any part of it) without assigning any reason thereof and without any obligation what so ever.
- 5.25 **Additional Requirements for Passive Networking:**
 - I. Samples of all items have to be submitted along with the technical bids.
 - II. Job execution qualification criteria:
 - i. Verifiable record of job equivalent or more than 1000 nodes at any industry.
 - ii. Presence of manufacturer / principal in Pakistan from at least last three years is mandatory.
 - III. Conformance of the installation to specification. The vendor will:
 - i. Install all the cable in accordance with the manufacturer's guidelines.
 - ii. Provide all the cable report to ensure that the cabling meets the required specifications.
 - iii. Ensure that the patch cables or cross connections must have the same impedance

- characteristics at both end of the cable.
- iv. Not place any distribution cabling alongside power lines, share the same conduit, channel or sleeve with electrical apparatus.
- v. Use correct cable basket or tray work according to IEC 50174-1.
- vi. Use appropriate installation equipment, specified by the equipment manufacture, or equivalent, to install all cables, panels, and patch cords.
- IV. Installation handing over:
 - i. The cabling system will be handed over to IT Services designated staff.
- V. System tests. The following parameters of the link shall be verified:
 - i. Wire map
 - ii. Resistance
 - iii. Link length
 - iv. Insertion loss
 - v. Return loss
 - vi. Near end crosstalk (NEXT)
 - vii. Power sum near end crosstalk (PSNEXT)
 - viii. Equal level far end crosstalk (ELFEXT)
 - ix. Power sum equal level far end crosstalk (PSELFEXT)
 - x. Attenuation to crosstalk ratio (ACR)
 - xi. Power sum attenuation to crosstalk ratio (PS ACR)
 - xii. Delay Skew
 - xiii. Impedance
 - xiv. DC loop resistance
 - xv. Continuity
 - xvi. The link length does not exceed the authorized maximum value.
 - xvii. Radius of curvature of the cables conforms to values in the design guide.
 - xviii. Cable preparation and the assembly of the jacks are to the manufacturer's instructions.
 - xix. Cable ties and confinement are tight enough without squeezing the cable.
 - xx. The insulation of the copper wires is continuous.
 - xxi. The earthing and bonding of all metallic pathway systems is undertaken according to the installation specification.
 - xxii. The metal racking, distribution panels and patch panels are bonded at both ends.
 - xxiii. All cables and cords, distribution frames and outlet locations must be labeled according to industry standards. Labels should be computer generated or typewritten.
- VI. On completion, the vendor will provide final cabling documentation which will include:
 - i. Site plans to include the identifications and locations of nodes, pathways, cables, termination points, closures, patch panels, protection devices.
 - ii. As-built information to include nodal, route and cable connectivity, closures (in a schematic or report based format).
 - iii. Installed cabling acceptance test records.
 - iv. Handover certification.
- VII. System Requirements:
 - i. This will support analogue and digital applications, data, local area network, and video on a common platform including Ethernet, Token Ring, Fast Ethernet, and Gigabit Ethernet.
- VIII. Commissioning:
 - i. After handover the installation will be commissioned and brought into service.
 - ii. A probationary period may be defined, during which the installer will be expected to correct any defects appearing in the installation.
- IX. Final Sign Off:
 - i. After the probation period, the installer will carry out any new acceptance tests and demonstrate the conformance to specification of the system and hand over the final

report.

- ii. The sign off of this report will constitute the transfer of responsibility for the new installation and the starting point of the contractual guarantee.
- iii. If there remain minor imperfections, they must be rectified in a time mutually agreed between the owner and the installer.
- iv. If required, the installer will provide staff training for the owner on care and maintenance of the system.
- X. Warranty:
 - i. All workmanship and cabling must be warranted against manufacturing defects for a minimum of one year.
 - ii. A 20-year manufacturer's warranty on the passive cabling system, including the sockets, cable, outlets and patch panels (excluding patch cords) must be available from the principal based in Pakistan.

6. Terms of Payment:

- 6.1 No payment shall be made in advance to the successful bidder.
- 6.2 Payment will be made in Pak rupees after deduction of all applicable taxes through crossed cheque within 30 days after timely delivery, inspection and/ or installation of equipment as per GCUF rules.
- 6.3 Delivery time will be within 90 days from the issuance of Purchase / Supply Order. For extension in delivery time, the request by the vendor should be submitted 15 days before the expiry of delivery time as per Purchase / Supply Order, explaining the reasons of delay. Any such request will be considered after due deliberation and any additional charges alongwith penalty will be payable by the vendor.
- 6.4 No claim of payment for any additional charges than the supply order, on the name of change in Govt. duties, provincial revenue / taxes, transportation, installation charges will be entertained.
- 6.5 Stamp paper duty will be payable by the vendor as per Government rules.

7. Liquidated Damages:

- 7.1 2% penalty per month (not exceeding 10%) of the cost of item(s) will be imposed if not supplied within stipulated period.
- 7.2 For the determination of LD charges, the duration between the last date of delivery as per supply order and the day equipment has received at GCUF campuses will be considered.
- 7.3 The supplied items and their accessories should be as per bid specifications otherwise it will be rejected and returned at vendor's cost.

Officer Incharge

Directorate of Procurement and Inventory Control
Allama Iqbal Road Faisalabad, Phone: 041-9201468 & 9201030

TENDER NOTICE No. 527/110/2018 Annexure-A
SUPPLY AND INSTALLATION OF IT EQUIPMENTS FOR GOVERNMENT
COLLEGE UNIVERSITY FAISALABAD UNDER THE PARF PROJECT

1- Passive Network Components

Note: The companies have to submit the samples of passive network components along with the technical bids.

Sr #	Item Description Clipsal/3M or Equivalent	Qty	Unit Price Including Tax	Total Price
1	Patch Panel Black 24 Ports fully loaded CAT6 with rear cable management	114		
3	Patch cord CAT6 1m machine punched	400		
5	CAT6 UTP Cable Roll (305m)	241		
6	CAT6 I/O Jack	2650		
7	Faceplate dual-port for standard CAT6 jack	2675		
8	RJ45 Connectors CAT6	3000		
11	6U Data Rack Double Section with FAN - Steel Black Color	20		
12	27U Data Rack Floor Standing with Fan Steel Black Color 2 Fix, 1 Movable Tray	10		
13	42U Server Rack 600x1000mm Floor Standing – Steel Black Color 5 Fix Trays Ventilated Top, Powder Coating Glass Door	5		
14	Duct 2" (Adamjee or Equivalent) PVC Conduit	19390 ft		
15	Duct 4" (Adamjee or Equivalent) PVC Conduit	10000 ft		
16	Front Cable Manager	10		
17	Cable Tester Multi-purpose (imported)	3		
18	Crimping Tool Multi-purpose (imported)	5		
19	Professional I/O Puncher with Punch Grip and Built-in Cutter	5		
20	Tool Kit (Pliers set, Screwdrivers set, Volt Meter, Amp Meter, L-Key set, Screw ranch medium and small sizes, Drill Machine, Drill bits, Hammer, Inches Tape, Soldering iron kit, Solder sucker, Screw Gun with bits, Tool Bag	2		
21	Walkie Talkie Set (2km range) Kenwood/Motorola or equivalent	6		
24	Network point installation by manufacturer trained and endorsed installers with performance warranty of at least 20 years and complete system tested by DTX-1800 or higher. Complete tagging with tag printer, proper structured cabling with manufacturer hosted training session to end user. Note: Read 5.25 closely	1500		

2- Generator 30KVA

Sr #	Item Description	Qty	Unit Price Including Tax	Total Price
1	30KVA Prime Rating, 400Volts, 0.8PF, 50Hz, Diesel Generator Set (OEM)	02		

	▪ Weather Proof & Sound Attenuated Canopy 80-85dBA@1m subject of 5m clearance around the Genset ▪ ATS Panel with dual WAPDA power source ▪ Separate Earth Pits (Body & Neutral upto water level) ▪ RCC Foundation Pad ▪ Installation ▪ Power Cable 3.5C-35mm² ▪ Control Cable 2.5mm² x 4C ▪ Earth Cable 1C-25mm² ▪ Standard Warranty ▪ Vendor must attach proof of at least 5 installations in Faisalabad with client contacts.			
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3- Telephone Exchange PABX

Sr #	Item Description	Qty	Unit Price Including Tax	Total Price
1	Type of PABX: Hybrid PBX (VoIP + TDM) ▪ 100 Analog Lines ▪ Ability to extend upto 200 lines support at least ▪ Analog, digital, IP, SIP extensions, Analog Trunks support ▪ WLAN phones, PRI (30B+2D) Trunks, BRI (2B+1D) Trunks support ▪ Call Forwarding, CLI, Conference Call, Call Restriction ▪ Extension over mobile phones support ▪ PTA Type Approval to be acquired by the vendor (PABX and IP Phones) ▪ G.711 voice encoding, G.723, G.729 compression algorithm, SIP, DHCP, 802.1p, 802.1q, VPN Support ▪ 4 Digital Set ▪ 20 x Analog Telephone Set with CLI Facility (Panasonic KX-T7703 or equivalent) ▪ 8 Trunk Lines ▪ 8 Channel Connectivity (site-2-site) ▪ 8 IP Set (2 ports 10/100) with power supply ▪ 1 Operator Console ▪ 1 Accounting Application (OEM) ▪ 2-3 hrs battery backup ▪ 02 x 27U Cabinet (4 fans, 2 fix trays, 1 moving tray, front glass door, black, external gauge 18, floor standing) ▪ Installation and Commissioning of the PABX system on site ▪ Comprehensive Customer Training for 3 days (local) Vendor is to quote separately for the following items: ▪ PABX Main Unit Price ▪ IP Set Price ▪ Battery Backup Price (as per above specs) ▪ Floor Mount Cabinet Price ▪ Analog Set price	02		

4- Scanner

Sr #	Item Description	Qty	Unit Price Including Tax	Total Price
1	Scanner ▪ Scan Type: Flatbed, ADF ▪ Colour Scanning: Yes ▪ Scan Speed: 20ppm/40ipm (black & white, grey and colour, 300 dpi) ▪ Scan Resolution Hardware: 1200x1200dpi ▪ Scan File Format: PDF, JPEG, PNG, BMP, TIFF, TXT, RTF and searchable PDF ▪ Grayscale Levels/Bit Depth: 256 ▪ Bit Depth: 24-bit ▪ Duty Cycle (daily) Up to 1,500 pages (ADF) ▪ Duplex ADF Scanning: Yes Standard Connectivity: Hi-Speed USB 2.0	06		

5- Accessories

Sr#	Item Description	Qty	Unit Price Including Tax	Total Price
1	RACK ATS APC AP4434 or Equivalent ▪ 20A/208V, 16A/230V, C20 IN, (8) C13 (1) C19 OUT ▪ Standard Warranty	3		
2	APC External Battery Pack or Equivalent ▪ Required for already installed APC UPS SRT10KXLI ▪ Standard Warranty	4		

6- Licensing

Sr#	Item Description	Qty	Unit Price Including Tax	Total Price
1	Oracle 11g License ▪ 1 Socket	1		

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