

*Tender Fee: Rs. 2,000/-
(Non-Refundable)*

TENDER FORM

Tender # PROJ/RC/02/22-23 Provide & Supply Cybersecurity Awareness Equipment

Date of Issue : March 28, 2023
Last Date of Submission : April 06, 2023 (11:00 AM)
Date of Opening of Tender : April 06, 2023 (11:30 AM)

Company Name: _____

NTN: _____, SRB Registration Number: _____

GST Registration Number: _____

Pay Order / Demand Draft # _____, Dated: _____

Amount of Rs. _____, Drawn on Bank: _____

Notice Inviting Tender (NIT) – Re-Tender

The Institute of Business Administration, Karachi (IBA) invites sealed bids from active taxpayers of firms/companies/distributors/suppliers registered with relevant tax authorities against the following tender for a donor-funded project namely “**Establishment of Cybersecurity Awareness Center**”:

Tender Title (Ref. No.)	Procedure	Bid Security
Provide & Supply Cybersecurity Awareness Equipment (PROJ/RC/01/22-23)	Single Stage One Envelope	2%
Laptop Computers		
Desktop Computers		
Monitor Screen		
Printers		
Projectors		
Keyboard & Mouse		
Mobile Phones		
Cameras		
Pentest Gadget		
Social Robot & IoT Kits		
General IT Accessories/Items		
Tender Fee & Dates		
Document Fee: Rs. 2,000/-		
Issuance start date: March 28, 2023, from 9 AM		
Issuance end date & time: April 06, 2023, till 11:00 AM		
Submission date & time: March 28, 2023, to April 06, 2023, from 9 AM to 11:00 AM		
Opening date & time: April 06, 2023, at 11:30 AM		

- Tender Documents may be downloaded FREE from the website. Alternatively, it can be collected after submission of paid Fee Challan from the Office of **Head of Procurement, IBA Main Campus, University Enclave, Karachi** on any working day (Monday to Friday).
- The Tender fee challan is to be generated from the IBA website <https://www.iba.edu.pk/tenders> which may be deposited in any branch of Meezan Bank Ltd.
- Sealed bids should be dropped at ReCyP:HER Project Procurement Committee at Library, IBA Main Campus, University Enclave, Karachi. Bids will be opened on the same date & venue in the presence of the bidders' representatives who may wish to attend. In case of a holiday, the tender shall be opened/received on the next working day at the same place and time.
- Bid Security in form of a Pay Order or Demand Draft has to be submitted in favour of “IBA Karachi” along with the Tender.

Special Conditions:

- Ready Stock is required, the supply must be completed at IBA within 14 days from Purchase Order.
- Payment will be made directly by the Donor in EUROS
- Itemized/categorized rates may be quoted

Kindly mention “Tender Number” at the top left corner of the envelope.

N.B. ReCyP:HER Project Committee at IBA Karachi reserves the right to reject any bid or cancel the bidding process subject to the relevant Rules.

ReCyP:HER Project Procurement Committee

IBA Main Campus Library, Main Campus, Karachi University Enclave, Karachi-75270

UAN: 111-422-422, Fax: (92-21) 99261508

Contact Person: Sr. Executive Procurement on 38104700, Ext: 2152

Email: recypher@iba.edu.pk, tenders@iba.edu.pk, IBA Website: <https://www.iba.edu.pk/tenders>

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1. Introduction

Dear Tenderer

Thank you for your interest in responding to the IBA's advertisement which floated on IBA website on March 28, 2023, to "Provide & Supply Cybersecurity Awareness Equipment" for ReCyP:HER Project.

The Institute of Business Administration, Karachi (IBA) is the oldest business school outside North America. It was established in 1955 with initial technical support provided by the Wharton School of Finance, University of Pennsylvania. Later, the University of Southern California (USC) set up various facilities at the IBA & several prominent American professors were assigned to IBA. The course contents, the curriculum, the pedagogical tools & the assessment & testing methods were developed under the guidance of reputed scholars from these two institutions. IBA has zealously guarded the high standards & academic traditions it had inherited from Wharton & USC while adapting and adjusting them over time.

We expect to avail services/works/items of high standards that meet our prime & basic specifications through this transaction.

Please contact Senior Executive Procurement on 38104700 ext: 2152 for any information or query.

Thank you.

-sd-

Registrar

2. Instructions

(a) **Sign & Stamp**

It is necessary to fill in the Tender Form meticulously and sign & stamp every page. Moreover, attach the required supporting documentation according to the requirement. The tender document will be accepted ONLY on the IBA's prescribed Tender Document available on IBA's Website.

(b) **Filling of Tender Form**

It is mandatory to fill the Tender Form in writing in ink or type. Do not leave any column/item blank. If you want to leave the item/column unanswered please, write 'Doesn't Apply/Doesn't Arise'. If you need more space, please attach a paper & clearly mention the item/column name or number etc that referred to the column/item of the Tender Form.

(c) **Collection of Tender**

You can collect the Tender Document from the office of the Head of Procurement, Ground Floor, Fauji Foundation Building, IBA Main Campus, University Enclave, Karachi from March 28, 2023, to April 06, 2023, from 9:00 AM to 11:00 AM.

(d) **Tender Number**

Please mention "Tender Number" at the top left corner of the envelopes. IBA, Karachi may reject any bid subject to the relevant provision of Rules and may cancel the bidding process at any time before acceptance of the bid or proposal.

(e) **Communication**

Any request for clarification regarding technical specifications should be submitted in writing to:

Contact Person (IBA): ReCyP:HER Projet Procurement Committee or
Senior Executive Procurement
Institute of Business Administration,
Main Campus, University Enclave,
Karachi
Tel #: 021 38104700; Ext 2152
Email: recypher@iba.edu.pk, tenders@iba.edu.pk

Stamp & Signature

(f) Submission of Documents and Address

Separate envelopes clearly labelled 'Original Document' and 'Bid Security' must be submitted on or before the last date to submit the tender documents. Tender Documents can be dropped at Procurement Office, IBA Main Campus, University Enclave, Karachi till 11:00 AM on April 06, 2023. **Tender Documents received by fax or email will not be accepted.**

(g) Rights

Competent authorities reserve the right to accept or reject any quotation/tender without any reason thereof.

(h) Point of Delivery

Supply will be delivered at IBA Store, Main Campus, University Enclave, University Road, Karachi. IBA is not liable to pay any Custom duty, Levies, Taxes, Demurrage or any other charges, Warehousing, Logistics etc.

(i) Clarification / Proof

Please submit copies of certificates of registration with the Sales Tax and Income Tax departments. The manufacturer/firms/companies/distributors/suppliers should also provide a copy(ies) of the certificate(s) etc as proof of their claim.

(j) Conditional / Optional / Alternate Bids

Such bids will not be accepted.

Stamp & Signature

3. Bidding Data

- (a) **Name of Procuring Agency:** ReCyp:HER Project at IBA, Institute of Business Administration, Karachi.
- (b) **Brief Description of Works:** Provide & Supply Cybersecurity Awareness Equipment.
- (c) **Procuring Agency's Address:** Main Campus, University Enclave, Karachi.
- (d) **Amount of Bid Security:** Bid Security of 2% of the total amount/cost will be submitted along with Tender Documents in the shape of PAY ORDER / DEMAND DRAFT only in the name of the Institute of Business Administration, Karachi.
- (e) **Period of Bid Validity (days):** Thirty (30) Days.
- (f) **Deadline for Submission of Bids along with time:** The last date for submitting the Tender Document in a sealed envelope is April 06, 2023, by 11:00 AM at ReCyp:HER Procurement Committee Office, Main Library, IBA Main Campus, University Enclave, Karachi. The Tender will be opened on the same day at 11:30 AM in the presence of representatives who may care to attend.
- (g) **The Venue, Time, and Date of Bid Opening:** The Tender will be opened on April 06, 2023, at 11:30 AM at ReCyp:HER Procurement Committee Office, Main Library, IBA Main Campus, University Enclave, Karachi in the presence of representatives who may care to attend.
- (h) **No extension shall be granted.** The delivery of all the equipment must be completed within 14 days of issuance of PO. The Institute may revoke the PO and accept no deliveries after the completion of 14 days and any cost incurred by the vendor shall be sole responsibility of it and the institute is not responsible for compensation of any kind.
- (i) **Liquidity damages:** Liquidity damages at the rate of 2% per month of the total contract amount will be imposed on delayed delivery.
- (j) **Deposit Receipt No:** _____ **Dated:** _____
Amount (in words and figures): _____
Pay Order / Demand Draft #: _____, **Amount: Rs.** _____
Drawn on Bank: _____, **Dated:** _____

 Stamp & Signature

4. Terms & Conditions

a. Bid Security

Bid Security, in the shape of a bank draft/pay order in the name of “**Institute of Business Administration**” Karachi, equivalent to 2% of the total cost of the bid, should be submitted along with the tender documents.

b. Performance Security

The successful bidder should provide 5% Performance Security of the total value of the Purchase Order in the form of a Pay Order or bank guarantee before the signing of the Contract. The Performance Security shall extend at least three months beyond the Completion of the contract.

c. Validity of the Tender

All proposals and prices shall remain valid for a period of 30 days from the closing date of the submission of the proposal. However, the Manufacturers/firms/companies/distributors/ suppliers are encouraged to state a longer period of validity for the proposal.

d. Currency

All currency in the proposal shall be quoted in PKR and EURO (€).

e. Ownership

The ownership of all products and services rendered under any contract arising as a result of this tender will be the sole property of the ReCyP:HER Project at IBA.

f. Arbitration and Governing Law

This tender and any contract executed under this tender shall be governed by and construed in accordance with the laws of Pakistan. The IBA and all Manufacturers/firms/companies /distributors/suppliers responding to this tender and parties to any contract executed pursuant to this tender shall submit to the exclusive jurisdiction of the Pakistani courts. The arbitration proceeding will be governed by the Arbitration Act, of 1940, and Pakistan's substantive and procedural law. The venue shall be Karachi.

g. Acceptance of Tender

The IBA reserves the right not to accept the lowest and to annul the bidding process without assigning any reason whatsoever. IBA Karachi may ask to provide a demo unit that the supplier quoted in the tender. After the final inspection of the unit, the decision will be made.

Stamp & Signature

h. Support Capabilities

The Manufacturers/Firms/Companies/Distributors/Suppliers should indicate the support capabilities for all the hardware provided during the course of the warranty.

i. Compliance with specifications

The manufacturer/firms/companies/distributors/suppliers shall provide information as per requirements given in BoQ. However, manufacturers/firms/companies/distributors/suppliers can submit multiple solutions. Manufacturers/firms/companies/distributors/suppliers may not propose/supply any kind of refurbished hardware equipment/ components in their proposals except for the printer.

j. Bid Evaluation:

The bid will be considered as the Most Advantageous Bid on most closely conforming to evaluation criteria and other conditions specified in the bidding document and having the least evaluated cost.

k. Cancellation

IBA reserves the right to cancel any or all of the above items if the material is not in accordance with its specifications or if the delivery is delayed.

l. Delivery Time

Ready Stock. The supply should be completed at IBA within 14 days from Purchase Order.

m. Physical Inspection:

Physical Inspection at the manufacturer/distributor site will be carried out.

n. Invoice

The invoice/bill should be submitted to ReCyP:HER Project.

o. Stamp Duty

The Stamp duty of 0.35% against the total value of the Purchase Order will be levied accordingly.

p. Payment:

Payment will be made by the Donor in EUROS within 30 working days, after the complete supply of required items as per the Bill of Quantity and submission of the commercial invoice at ReCyP:HER Project, IBA, Main Campus, University Enclave, University Road, Karachi.

Stamp & Signature

5. Integrity Pact

- (a) Its intention is not to obtain the Provide & Supply work of any Contract, right, interest, privilege, or other obligation or benefit from the IBA or any administrative or financial offices thereof or any other department under the control of the IBA through any corrupt practice(s).
- (b) Without limiting the generality of the forgoing the Bidder represents and warrants that it has fully declared the charges, fees, commission, taxes, levies etc, paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within the IBA directly or indirectly through any means any commission, gratification, bribe, gifts, kickback whether described as consultation fee or otherwise, with the object of obtaining or including the Provide & Supply or service contract or order or other obligations whatsoever from the IBA, except that which has been expressly declared pursuant hereto.
- (c) The Bidder accepts full responsibility and strict liability for making any false declaration/statement, not making full disclosure, misrepresenting facts or taking any action likely to degrade the purpose of declaration, representation and warranty. It agrees that any contract/order obtained aforesaid shall without prejudice to any other right & remedies available to the IBA under any law, contract, or other instruments, stand void at the discretion of the IBA.
- (d) Notwithstanding any right and remedies exercised by the IBA in this regard, Bidder agrees to indemnify the IBA for any loss or damage incurred by it on account of its corrupt business practice & further pay compensation to the IBA in any amount equivalent to the loss of any commission, gratification, bribe, gifts, kickback given by the company/firm/supplier/agency/bidder as aforesaid to obtain or induce Provide & Supply/work/service or other obligation or benefit in whatsoever from the IBA.

Note:

This integrity pact is a mandatory requirement other than auxiliary services/works.

Stamp & Signature

6. Bidder Qualification Criteria

Sr. No.	Mandatory Eligibility Criteria (attach supporting document)	Remarks Yes / No
1.	Minimum 3 years of similar or relevant experience.	
2.	Last 3 years' turnover with a minimum of 4 million (per year) as Annual Return and Financial Statement.	
3.	Sales tax registration certificate with last month's return copy both FBR and/or SRB and NTN certificates at the time of submission of the bid.	
4.	Verifiable warranty/warranty cards of all equipment with accessories and devices.	

Note: Bidder must submit all the Supporting Documents for evaluation

Stamp & Signature

7. Bill of Quantity:

a. Laptops

S. No.	Description	Quoted Model	Quoted Brand	Qty	Rate	Amount	18% GST (if applicable)	Total
1	<p>Laptop Brand: Asus or Equivalent Chipset: 12th Generation Intel Core i7-12650H Processor (10 Cores - 16 Threads) 2.3 GHz Turbo Boost up to 4.7 GHz (24 MB Cache) Memory: 32GB LPDDR5 4800, Storage: 2TB M.2 NVMe™ PCIe® 3.0 SSD Display: 15.6-inch, FHD (1920 x 1080) 16:9, anti-glare display, sRGB: 62.5%, Adobe:47.34%, Refresh Rate: 144Hz, IPS-level, Adaptive-Sync, MUX Switch + Optimus Graphics Chipset: NVIDIA® GeForce RTX™ 3070 Laptop GPU 1340MHz* at 105W (1290MHz Boost Clock+50MHz OC, 80W+25W Dynamic Boost) Audio: DTS:X Ultra surround sound, dual speakers Ports: 1 x Thunderbolt™ 4 support DisplayPort™ 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC 2x USB 3.2 Gen 1 Type-A), 1x HDMI 2.0b Wi-Fi 6(802.11ax), 1x RJ45 LAN Keyboard: 3-zone RGB keyboard (hotkey) or equivalent Mouse: Touchpad Battery: Lithium Ion 99.98 Watt Hour Battery AC Adapter: 2 x (One Extra OEM specs) Accessories: OEM Backpack, Service: 3 years comprehensive, parts & Labor Software: MS Office Windows 11, 64bit (English)</p>			5 units				

 Stamp & Signature

S. No.	Description	Quoted Model	Quoted Brand	Qty	Rate	Amount	18% GST if applicable	Total
2	Laptop Minimum Specifications: Brand: Dell Alienware or Equivalent Chipset: Intel® Core™ i7, 12700H, Memory: 32GB LPDDR5 Storage: 2TB PCIe Gen 4x4 SSD Display: 17" Audio: Stereo speakers, Adapter: 2 x (One Extra OEM specs) Accessories: OEM Backpack, Service minimum: 1-years comprehensive, parts & Labor Software: MS Office Windows 11, 64bit (English)			1 unit				
3	Laptop Brand: HP or Equivalent Chipset: Intel® Core™ i7 – 12th Generation (10 Cores 12 Threads) Memory: 16 GB, Storage: 1TB SSD Display: 15.6" Accessories: OEM Backpack Service: 1-years comprehensive, parts & Labor Software: MS Office Windows 11, 64bit (English)			15 units				

 Stamp & Signature

b. Desktop Computer & Monitor

S. No.	Description	Quoted Model	Quoted Brand	Qty	Rate	Amount	18% GST if applicable	Total
4	Desktop Computer High End PC or equivalent, Processor: Intel Core i9-13900K Desktop Processor 24 Cores 32 Threads - LGA1700 Socket - 13th Gen Motherboard: Z790 Motherboard Intel LGA1700 DDR5. Memory: RAM 64GB DDR5. 1TB NVMe SSD 4TB SATA HDD Graphics card: RTX3060 12GB Liquid Cooling 360XT and 3x Fans for good outflow Corsair RM 1200W 80 Plus Gold Fully Modular Lian Li Lancool Mesh II Casing Cable: System Power Cord. Network: Integrated Intel Gigabit Ethernet RJ45 Ports. Ports: Front: 1 headset connector; 2 USB 3.1 Type A and 2 Type C; Rear: 6 USB 3.1 Gen 1; 2 RJ-45(1GbE); 1audio-in; 1audio-out; 1PS/2mouse port; 1PS/2keyboard port Operating System: OEM Licensed Windows 11 Pro Service: 1 year comprehensive (parts & labour) With keyboard and mouse			1 unit				
5	Monitor Screen Size: 27" Brand: Samsung LCF390FH or Equivalent Desktop Monitor or equivalent Ports: HDMI, VGA, Resolution: 1920 x 1080, Aspect Ratio: 16:9, Service: 1-year comprehensive (parts and labor)			7 Units				

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c. Printers

S. No.	Description	Quoted Model	Quoted Brand	Qty	Rate	Amount	18% GST if applicable	Total
6	Color LaserJet Duplex Printer HP M554dn or equivalent Monthly Page Volume: 4000 Resolution: 600x600dpi and 1200x1200dpi Print speed: 40ppm Duplex: Automatic (default) Connectivity: Wireless / Ethernet OS Support: Windows and Mac Warranty: 1 year comprehensive (parts, principal)			01 Unit				
7	Color Laser printer HP6015 or equivalent, 20 ppm minimum, with non-chip toners.			01 Unit				

d. Projector

8	Pico Projector Brand & Model: WEMAX Go Ultra Portable Laser Projector or Equivalent 300 ANSI Lumens, Pocket Pico Projector ALPD Laser Technology Connection: USB Resolution: 1080p, Max: 1920 x 1080 Pixels Display: DLP Auto vertical keystone correction, Wireless Casting, HDMI port, USB port, and 3.5mm audio jack, reflected light projection technology, Support – Wireless Mirror Screening for Android iOS Service: Minimum 1 years comprehensive (parts, principal) Accessories: charger, 1x Type-C cable, 1x carrying case			02 Units				
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 Stamp & Signature

e. Mobile Phones

S. No.	Description	Quoted Model	Quoted Brand	Qty	Rate	Amount	18% GST if applicable	Total
9	Mobile Phone (PTA APPROVED) Brand & Model: Google Pixel 7 Pro or Equivalent Memory: 128GB 12GB RAM, UFS 3.1 Battery: Li-Ion 5000 mAh, non-removable Fast charging 30W, 50% in 30 min Fast wireless charging 23W Reverse wireless charging, USB Power Delivery 3.0 All Accessories OEM provided in the box: Charger, headphones USB cable etc. Additional Accessories (OEM recommended): Screen protector, Back cover			01 Unit				
10	Mobile Phone (PTA APPROVED) Brand & Model: Samsung A73 or Equivalent Memory: 256 GB, 8GB RAM: UFS 3.0 - 256GB Battery: Li-Po 5000 mAh, non-removable Fast charging 33W, USB Power Delivery 3.0 All Accessories OEM provided in the box: Charger, USB cable etc. Additional Accessories (OEM recommended): Screen protector, Back cover			01 Unit				

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S. No.	Description	Quoted Model	Quoted Brand	Qty	Rate	Amount	18% GST if applicable	Total
11	Mobile Phone (PTA APPROVED) Brand & Model: Huawei Nova 9 SE or Equivalent Memory: microSDXC (uses shared SIM slot), 128GB 6GB RAM, 128GB 8GB RAM, 256GB 8GB RAM Battery: Li-Po 4000 mAh, non-removable, Fast charging 66W, 75% in 20 min (advertised), JLN-LX1, JLN-LX3, JuliaQNL01B, JuliaQN-L21B, JuliaQN-L23A All Accessories OEM provided in the box: Charger, headphones USB cable etc. Additional Accessories (OEM recommended): Screen protector, Back cover			01 Unit				
12	Mobile Phone (PTA APPROVED) Brand & Model: Infinix Hot 12 or Equivalent Memory: microSDXC (dedicated slot), 128GB 6GB RAM Battery: Li-Po 5000 mAh, non-removable Back cover All Accessories OEM provided in the box: Charger, headphones USB cable etc. Additional Accessories: Screen protector, Back cover			01 Unit				

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f. Camera & Accessories

S. No.	Description	Quoted Model	Quoted Brand	Qty	Rate	Amount	18% GST if applicable	Total
13	Camera Brand & Model: SONY A7IV or equivalent With Standard OEM Asseccories & Warranty			01 Unit				
14	Camera Lens 50 mm- F 1.8, Brand: Sony or same as the above quoted Camera			01 Unit				
15	Camera Lens 1.4F 35mm Brand: Sony GMaster or same as the above quoted Camera			01 Unit				
16	Charger Kit: Multi-Battery Kit Brand: Sony NPA-MQZ1K or same as the above quoted Camera			01 Unit				
17	Ring light: 2" (30cm) outer diameter, 8.5" (22cm) inner diameter with: a) bottom centre cold shoe mount and two 1/4"-20 female threads for mounting accessories b) 6" (15cm) Reversible mirror (standard/magnified) swivels 360° and includes shoe mount c) Expandable phone holders d) Fanless design Tripod			01 Unit				
18	Camera Strap Heavy-duty neoprene construction Seamed edges for long-lasting durability Fully adjustable Quick release feature Brand: For Sony Camera A7IV or same as the above quoted Camera			01 Unit				

 Stamp & Signature

S. No.	Description	Quoted Model	Quoted Brand	Qty	Rate	Amount	18% GST if applicable	Total
19	Tripod Manfrotto 058B Aluminum Triaut Tripod Supports 26.46 lb Maximum Height: 85.43" Minimum Height: 17.32" Geared Center Column Folds Down to 37" or equivalent			01 Unit				
20	Wireless Mic Brand & Model: Rode GO II GO II 2+1 or equivalent			01 Unit				
21	Tripod For Video Liback Model no 650 - Mid level Weight			01 Unit				
22	Camera Kit Bag Manfrotto or equivalent Multiple Pockets & Soft Case for Camera & Lens			01 Unit				
23	Screen protector for Sony A7 IV Camera Sony PCK-LG2 screen protector for Sony A7 IV			01 Unit				
24	Baseplate SmallRig Baseplate 3666 for Sony A7 IV			01 Unit				
25	Gimbal for Sony A7 IV 3-Axis Gimbal Stabilizer for DSLR and Mirrorless Camera, 3kg (6.6 lbs) Payload, Automated Axis Locks. DJI RS 3 or equivalent			01 Unit				
26	Airborne Drone Camera Brand & Model: DJI Mini 3 Pro (DJI RC-N1) or Equivalent Accessories: Fly More Kit Plus or Equivalent 2 x Intelligent Flight Battery Plus Two-Way Charging Hub 4 x Propellers (pair), Shoulder Bag, USB 3.0 Type-C Data Cable, DJI 30W USB-C Charger			01 Unit				

 Stamp & Signature

g. Pentest Gadget

S. No.	Description	Quoted Model	Quoted Brand	Qty	Rate	Amount	18% GST if applicable	Total
27	Pentest Gadget Brand & Model: Hak5 WiFi Pineapple or Equivalent Connectivity: Wireless IEEE 802.11 b/g/n / ac (2.4 and 5 GHz) Memory: 256 MB RAM and 2 GB EMMC Accessories: 2 x USB-C, Anti-static & antidust case			02 Units				
28	Pentest Gadget Brand & Model: HAK5 Rubber Ducky or Equivalent Chipset: 60MHz 32-bit processor Expandable Memory: Micro SD Connector: USB Accessories: 64 GB Micro SD card			02 Units				
29	Pentest Gadget Brand & Model: HAK5 Bash bunny or Equivalent Chipset: 1.3Ghz Quad-core processor Mode: 3-position mode Connector: USB			02 Units				
30	Pentest Gadget Brand & Model: HAK5 Screen Crab Plunder bug LAN tap or Equivalent Video Capture: MPEG 4 with Full HD Connectivity: Wireless WiFi Accessories: 64 GB Micro SD card			02 Units				

 Stamp & Signature

S. No.	Description	Quoted Model	Quoted Brand	Qty	Rate	Amount	18% GST if applicable	Total
31	Pentest Gadget Brand & Model: HAK5 Key Croc or Equivalent Connectivity: Auto negotiating 10/100 Base-T Fast Ethernet Ethernet Chipset: ASIX AX88772C USB Ethernet Interface: USB- C			02 Units				
32	Pentest Gadget Brand & Model: HAK5 Shark Jack or Equivalent Interface: Fast Ethernet Ports: USB-C and OTG Software Interface: SSH and Web			02 Units				
33	Pentest Gadget Brand & Model: HAK5 Packet squirrel or Equivalent Interface: Fast Ethernet Ports: USB-C, 2 x Ethernet and 1 x USB Power Port			02 Units				
34	Pentest Gadget O.MG PROGRAMMER USB A+C			02 Units				
35	Pentest Gadget Omg Plug			02 Units				
36	Pentest Gadget Hak5 Notebook Morale Organizer			02 Units				

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h. IoT Kits

S. No.	Description	Quoted Model	Quoted Brand	Qty	Rate	Amount	18% GST if applicable	Total
37	IoT Kit Brand & Model: Arduino MKR 1010 or equivalent Main Board Processor: 32 or 64bit low power ARM MCU Accessories: 2 x MicroUSB to USB Cable, Acrylic box for the main board, 4 x Plug and play connectors for each kit/module/ sensor, Kit Storage Box, 2 x Anti-static pouches for each kit/sensor/module and anti-static & anti-dust travel case/bag Complete Main Board Compatible Kits/ Modules/Sensors			02 Units				
38	IoT Kit Raspberry Pi 4 Model B- Model: EBRP-B-14 (Warranty 1 Year)			02 Units				

i. General IT Accessories/Items

S. No.	Description	Quoted Model	Quoted Brand	Qty	Rate	Amount	18% GST if applicable	Total
39	NAS drive with SSD - NVMe (with 4x 2TB SSD Included) Brand: Synology or equivalent DiskStation DS620slim iSCSI NAS Server with Intel Celeron Up to 2.5GHz CPU, 6GB Memory, 8TB (4 x 2TB) SSD Storage, DSM Operating System: Windows and Mac			01 Unit				
40	USB Hub Ports: 2 x USB 3.0, 1 x SD/TF Card Reader, 1 x HDMI 4k, 1 x USB-C, Support: Windows and Mac			05 Units				

 Stamp & Signature

S. No.	Description	Quoted Model	Quoted Brand	Qty	Rate	Amount	18% GST if applicable	Total
41	USB Hub Brand: Anker or Equivalent Ports: 4 x USB 3.0 Support: Windows and Mac			05 Units				
42	Speakerphone Brand: Logitech or Equivalent Microphones: Omni directional 360-degree coverage (50Hz-8KHz), support wideband and narrowband speech Loudspeaker: Wideband speech with HiFi audio (140Hz-16Khz) Port: 3.5mm jack, USB Connectivity: Bluetooth, wireless Service: 2 years comprehensive (Hardware)			01 Unit				
43	WiFi Router Brand: Archer AX11000 or equivalent Coverage: 5000 sq. ft. Antennas: 8 x internal antennas with high-power amplifiers Processor: Quad-Core 2.2 GHz Ports: 1 x 2.5 Gbps WAN port and 4 x LAN Gigabit Ethernet ports Memory: 512 MB Flash and 1GB RAM Connectivity: Tri-Band 6Gbps WiFi Service: 1 year comprehensive (Hardware)			02 Units				

 Stamp & Signature

S. No.	Description	Quoted Model	Quoted Brand	Qty	Rate	Amount	18% GST if applicable	Total
44	Headset Brand: Logitech G335 or Equivalent Headphone Frequency Response: 20 – 22000 Hz Headphone Sensitivity: 98dB Headphone Volume Controls: Ear Cup Microphone Frequency Response: 100- 10000Hz Lightweight 240 Grams Comfortable Suspension Headband Multi-Platform Compatible with PC, console and mobile 3.5 mm Audio Jack Plug and Play.			05 Units				
45	Earbuds Brand: Anker Soundcore R100 True Wireless Earbuds Black A3981H1110mm Dynamic Drivers with BassUp Technology Fast Charge - 25H Playtime Bluetooth 5.0 - Secure Fit - Easy Pairing IPX5 Waterproof - 2 Mics for Clear Calls			10 Units				
46	Memory Card Brand: SanDisk or equivalent 32 GB microSDHC Storage Card: Class 10			04 Units				
47	Memory Card Brand: SanDisk or equivalent 128 GB microSDHC Storage Card: Class 10			04 Units				

 Stamp & Signature

S. No.	Description	Quoted Model	Quoted Brand	Qty	Rate	Amount	18% GST if applicable	Total
48	Memory Card Brand: SanDisk or equivalent 256 GB microSDXC Storage Card: Class 10 - UHS-II			04 Units				
49	Memory Card Brand: SanDisk or equivalent 128GB Extreme PRO UHS-II SDXC or equivalent			02 Units				
50	High-Speed Card Reader USB 3.0 for CF, SD, MicroSD, and Memory Stick Supporting: UHS-I and UHS-II SD card Speeds Kingston's USB 3.0 High-Speed Media Reader - FCR-HS4			04 Units				
51	Solid State Drives NVMe Brand: Samsung 980 Pro Capacity: 1TB With casing			02 Units				
52	Solid State Drives NVMe Brand: Samsung 980 Pro Capacity: 2 TB With casing			04 Units				
53	Webcam Brand: Logitech or Equivalent HD 720p widescreen video Clear, natural audio 7' cable extends setup options HD webcam with 720p and long-range mic			01 Unit				
54	Presenter Brand: Logitech r400or Equivalent Connectivity: Wireless Type: Up to 15-meter range			01 Unit				

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S. No.	Description	Quoted Model	Quoted Brand	Qty	Rate	Amount	18% GST if applicable	Total
55	Flash Drive Brand: Kingston or Equivalent Storage: 256 GB Transfer Speed: 400Mb/s Interface: USB 3.1 Type-C and Type-A and compatible with version 2.0, OS Support: Windows and Mac			10 Units				
56	Streaming Box Brand: NVIDIA or Equivalent Chipset: 256-core Maxwell GPU, 4 cores, 4k 60fps video Audio: Dolby, Connectivity: Wireless, Bluetooth and LTE Interfaces: 2 x USB 3.0, 1 x HDMI, 1 x Gigabit OS Support: Android			01 Unit				
57	Smart Speaker with Alexa Brand: Echo Dot or Equivalent Connectivity: Dual-band Wi-Fi 802.11a/b/g/n/ac (2.4 and 5 GHz), Bluetooth, Amazon Sidewalk Audio: 1.6" speaker Accessories: 2 x Power Adapters, 2 x 3.5mm audio cable			01 Unit				
58	Power Bank Power Delivery (PD) certified Power Bank: Redmi 10,000mAh Rated Capacity: 37Wh 3.7V 10000mAh Input ports: Micro-USB/USB-C, Output Ports: 2 x USB-A			04 Units				
59	Power Bank Power Delivery (PD) certified Power Bank: Redmi 20,000mAh High-density Li-Po battery Compatible with multiple mainstream phones and other smart devices Dual USB-A Output: Charging for two devices, 9V-2A MAX, 12V-1.5A MAX Dual Input ports: Micro USB + USB-C			04 Units				

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S. No.	Description	Quoted Model	Quoted Brand	Qty	Rate	Amount	18% GST if applicable	Total
60	Keyboard Corded, Brand: Logitech or Asus or Equivalent Mechanical, RGB mechanical keyboard with N-key rollover, combination media keys, USB 2.0 passthrough, aluminium-alloy top cover, wrist rest, eight programmable macro keys and Aura Sync lighting			02 Units				
61	Mouse Corded, Brand: Logitech G402 or Equivalent Wired Mouse Fusion Engine High-Speed Tracking 8 Programmable Buttons On-The-Fly DPI Switching 32-Bit ARM Processor			02 Units				
62	Power strip Extension Board Minimum 4 Universal Power Sockets, Switch Board Extension Board Cord, with minimum 4.5 Meter Long Wire AWG 16 gauge			05 Units				
Grand Total					In Euro:		In Pak Rupee:	

Grand Total Rupees (in words) _____

Grand Total Euro (in words) _____

Stamp & Signature

It is hereby certified that the terms and conditions have been read, agreed upon and signed.

M/s _____

Contact Person _____

Address _____

Tel # _____ Fax _____

Mobile _____ Email _____

Stamp & Signature