

# KHYBER COLLEGE OF DENTISTRY MEDICAL TEACHING INSTITUTION



## STANDARD BIDDING DOCUMENTS (SBD) FOR

## IT EQUIPMENT AND COMPUTER ACCESSORIES

Framework Contract FY 2026-27

Sr#	Name of item	Bid Security (PKR)	Tender Process
1	IT EQUIPMENT AND COMPUTER ACCESSORIES	500,000/-	Single Stage Single Envelope

**Note:** The prospective bidder is expected to examine the Bidding Documents carefully, including all Instructions, Terms & Conditions, and Specifications etc. Failure to furnish all information required by the Bidding documents or submission of a Bid not substantially responsive to the Bidding Documents in every respect would result in the rejection of the Bid.

## TABLE OF CONTENTS

Introduction
Instruction to Bidders
Bid Data Sheet
General and Special Conditions of Contract
Language
Bid Security
Place and Time of Delivery
Inspection of Goods on Delivery
Packaging
Performance Security/Guarantee
Bid Validity
Mandatory/ Qualification Criteria
Evaluation and Comparison of Bids
Obligations and Options in Case of Non-Fulfillment of Contractual Obligations by The Supplier
Disputes and Controversies/Dispute Resolution
Sub-Letting Contract
Bribes Commission Etc.
Termination
Force Majeure
Other Terms and Conditions
Delivery of items and Penalty
Award of Contract
Payment
Applicable Laws
Bid Form and Price Schedule
Draft Contract Agreement
Undertaking on Bidder Letter Head
Statement of Requirement with Specification
Blacklistment Of Defaulted Bidder
Condition for Debarment
Procedure for Blacklistment
Redressing of Grievances

## Introduction

KHYBER COLLEGE OF DENTISTRYKCD-MTI Peshawar invites Item wise sealed bids for each category (mentioned in Statement of Requirement below) from the eligible bidders for procurement of **“IT EQUIPMENT AND ACCESSORIES”** through Open Competitive Bidding under rule 6(2) (a) **“Single Stage Single Envelope”** bidding procedures of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KP-PPRA) Rules 2014.

<b>Description</b>	<b>Dates</b>
<b>Tender Closing/Last submission</b>	<b>Date: 30-06-2026 at 11:00 am Hours</b>
<b>Tender Opening</b>	<b>Date: 30-06-2026 at 11:30 am Hours</b>
<b>Tender Process</b>	<b>Single Stage Single Envelope</b>
<b>Tender Validity/Prices Validity</b>	<b>30-06-2027.</b>

## INVITATION FOR BIDS THROUGH EPADS

Khyber College of Dentistry (KCD), Peshawar invites Bids through **EPADS** (E-Pak Acquisition & Disposal System) from eligible bidder register with FBR for Income Tax, Sales Tax and reflected on Active Tax Payer (ATL) list of FBR, as well as registered with EPADS, for the below mentioned tender. Detailed of tender, specification, submission, Opening and method of evaluation is provided in bidding documents. Bid Security in Shape of Call Deposit Receipt (CDR) is required to be submitted from schedule bank of Pakistan in favor of Dean Khyber College of Dentistry, Peshawar.

S. No.	Name of Tender	Bid Security	Procurement Method
01	IT EQUIPMENT AND COMPUTER ACCESSORIES	Rs. 500,000/-	Single Stage Single Envelope

### **TERMS & CONDITIONS:**

1. A complete set of Bid Solicitation Document can be downloaded by interested Bidder from KCD Website <https://kcd.edu.pk/tenders> and EPADS <https://portalkp.eprocure.gov.pk> after publication of this advertisement in the newspaper till last day for submission of Bid.
2. Interested bidders shall submit bid(s) by uploading scan copy of bid(s) on EPADS on or before **30-06-2026 till 11:00AM (PST)**. The bidders shall upload all relevant/mandatory document on EPADS.
3. The Scan copy of the bid security must be attached with Bids on EPAD. Bids without earnest money on EPADS will not be entertained.
4. Original CDR/Bid Security must be submitted to the office of the Assistant Manager Procurement, Khyber College of Dentistry, Peshawar (KCD) on or before **30-06-2026 at 11:00AM (PST)**. If the original Bid Security does not reach the aforementioned office by the closing date & Time, the bid will be rejected.
5. Electronic Bids shall be opened on the same day at **11:30AM (PST)**.
6. Income Tax, Stamp duty, Professional Tax and KPRA or any other Government tax will be charged as per rules.
7. Procurements will be carried out as per Act and Rules of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KP-PPRA).
8. Registration with KPRA is mandatory wherever applicable.
9. The Bid accompanied by Pay Order (PO) shall be rejected.
10. Bids received through by hand/Post/Courier, e-mail/Fax shall not be accepted.
11. Interested bidders who wants to participate in the Tender Process shall registered themselves with the EPADS for gaining their unique user's name and password.
12. The advertisement is also available on the websites of Khyber College of Dentistry, Peshawar (KCD-MTI) ([www.kcd.edu.pk](http://www.kcd.edu.pk)) and KP-PPRA (<http://kppra.gov.pk>).
13. Khyber College of Dentistry, Peshawar (KCD-MTI) reserves the right to cancel any or all Bids by assigning cogent reason under Rule 47 Khyber Pakhtunkhwa public procurement Regulatory Authority.

DEAN  
Khyber College of Dentistry,  
Peshawar

## 1. Instructions to Bidders

- 1.1 This Bidding procedure will be conducted in light of Framework Contract (Rule 31-A) of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KP-PPRA) Rules 2014/2022.
- 1.2 The rate shall be considered for KHYBER COLLEGE OF DENTISTRYKCD-MTI Peshawar  
Each Bidder SHALL write the name of the quoted brand along with complete specifications.
- 1.3 All the bidders are required to provide annexure wise complete requisite documents with page marking.
- 1.4 All prices quoted must be in Pak Rupees (PKR) and should include all applicable taxes. If not specifically mentioned in the Quotation, it will be presumed that the prices include all the taxes.
- 1.5 If any of the bidder requires any clarification regarding specification, Size, quality, or any other query, he may visit Purchase & Procurement Department (KCD) during working hours till deadline for submission of the bids.
- 1.6 Bidders should be financially sound and have proper office, telephone number and fax number in Khyber Pakhtunkhwa.
- 1.7 Bidders are essentially required to provide correct and latest postal/email/web addresses, phone/mobile/fax numbers for actively and timely communication.
- 1.8 The Bidder may after its submission withdraw its bid prior to the expiry of the deadline prescribed for submission of bids. Withdrawn bids will be returned unopened to the Bidders.
- 1.9 Any bid not received as per terms and conditions laid down in this document are liable to be ignored. No offer shall be considered if:
  - a. Received without bid security as mentioned in SBD.
  - b. Received after the date and time fixed for its receipt;
  - c. The tender document and the bid unsigned;
  - d. The offer is ambiguous;
  - e. The offer is conditional;
  - f. The bidder is from blacklisted firm in any Federal / Provincial Govt. Deptt:
- 1.10 Usage of correction fluid & corrections will not be considered unless duly signed by the authorize person.
- 1.11 Joint venture / consortium is not eligible for this tender.
- 1.12 In case of Bid Tie, the contract will be awarded to the firm provide the better Quality.
- 1.13. Bidders are required to clearly mark on the envelop as Bid for **“IT EQUIPMENT AND COMPUTER ACCESSORIES”**.
- 1.14. Any direct or indirect effort by a bidding firm to influence this institution during the process of selection of a bidder or award of contract may besides rejection of its bid result into its disqualification from participation in the KCD future bids.
- 1.15. Competent Authority reserves the right to reject any or all the bids as per provisions contained in Rule 47 of KP-PPRA Rules 2014/2022.

*Bid Data Sheet*

<b>DATA SHEET</b>		
<b>Sr.No</b>	<b>Introduction/Description</b>	<b>Detail</b>
I.	Name of Procuring Agency of Government of Khyber Pakhtunkhwa.	KHYBER COLLEGE OF DENTISTRY, Medical Teaching Institution Peshawar.
II.	Name of Project.	“Rate Contracting /Framework Of IT EQUIPMENT AND COMPUTER ACCESSORIES (KCD/FY2026-27)
III.	Name of Contract.	“Rate Contracting /Framework Of IT EQUIPMENT AND COMPUTER ACCESSORIES(KCD-FY2026-27)
IV.	Name of Procuring agency.	KHYBER COLLEGE OF DENTISTRY, Medical Teaching Institution Peshawar.
V.	Procuring agency’s address, telephone, telex, and facsimile numbers.	KHYBER COLLEGE OF DENTISTRY - MTI Peshawar – Pakistan Phone # <a href="tel:0919221393">(091) 9221393</a>
VI.	Language of the bid.	English
<b>BID PRICE AND CURRENCY</b>		
I.	The price quoted shall be	DDP (Included all applicable taxes.) Including Transportation, Loading Unloading etc.
II.	The Price shall be fixed	The price shall be fixed and valid till 30 <sup>th</sup> June 2027 and may be extended with mutual consent.

<b>PREPARATION AND SUBMISSION OF BIDS</b>		
I.	Qualification requirements.	AS mentioned in Qualification/Eligibility /Mandatory Criteria
II.	Qualification Criteria	Contract will be awarded to bidder who qualified in Mandatory Criteria and Offer Lowest price.
III.	Amount of bid security.	Rs. 500,000/- to be submitted in favor of Dean KHYBER COLLEGE OF DENTISTRY (KCDMTI)  Note: The Bid security shall be from bank account of the bidder. <b>Ordinary cheque and Payment Order (PO)</b> in the form of bid security will result in bid

		rejection summarily.
IV.	Bid validity period.	120 days from the date of opening of bids
V.	Number of copies.	None
VI.	Address for bid submission.	EPADS
VII.	IFB title and number.	“Rate Contracting /Framework Of IT EQUIPMENT AND COMPUTER ACCESSORIES (KCD/FY2026-27)
VIII.	Deadline for bid submission.	30-06-2026 11:00 hours Sharp.
IX.	Date, Time and place for bid opening.	30-06-2026 11:30 hours Sharp. Committee Room KCD

## ***2. General and Special Conditions of Contract***

### **2.1. Language**

All communications and documentations related to procurements shall be in English.

### **2.2. Bid Security**

- i. Bid security shall be submitted to the amount of PKR 500,000/- in shape of Call Deposit Receipt (CDR) from schedule bank of Pakistan, excluding microfinance banks, in favor of “DEAN KHYBER COLLEGE OF DENTISTRY KCD MTI”. A bid accompanied by Ordinary Cheque/Pay Order (PO) shall be rejected as non-responsive.
- ii. Bid Security of the unsuccessful bidders shall be released as promptly as possible upon the successful Bidder’s signing of Contract Agreement;
- iii. The bid security of the successful bidder shall be considered as the performance security till the validity of tender/contract.

### **2.3. The Bid security shall be forfeited:**

- i. If a bidder withdraws his bid during the period of bid validity;  
or
- ii. In the case of a successful bidder, if he fails to:
  - a. Sign the contract agreement, in accordance with Para below.
  - b. supply of goods as per purchase order.
  - c. commits any breach of the Contract Agreement

## **2.4. Place of Delivery**

The Bidder shall be solely responsible for transportation, loading, unloading and staking of the supplied items, till Purchase & Procurement Deptt. (Store) KHYBER COLLEGE OF DENTISTRY KCD-MTI.

## **2.5. Inspection of Goods on Delivery**

Before payment, the concerned Department of KCD-MTI shall inspect the delivered material for meeting the quality and quantity against the prescribed specification. Any payment shall be processed after satisfactory assessment/inspection and acceptance by the Concerned Department.

## **2.6. Defects:**

All defects in material/defective items will be corrected/replaced without any cost to the KCD-MTI within 07 days from the date of notice by the KCD-MTI.

## **2.7. Packaging**

The Bidder shall provide such packing of the Equipment as is required to prevent their damage or deterioration during transit to their final destination. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Equipment's final destination and the absence of heavy handling facilities at all points in transit.

## **2.8. Performance Security: -**

- i. The bid security shall be retained till the closing of the contract period i.e., 30-06-2027, however no performance security shall be sought from the successful bidders.

However, if contract extend then the bid security shall be valid up to extendable period.

- ii. The Bid Security as a performance Security may be forfeited if the Supplier/Vendor fails to deliver or supply goods/Services in accordance with the terms and conditions of the Purchase Order or commits any breach of the Contract Agreement.

## **2.9. Bid Validity:**

- i. The bids should be valid for a period of 120 days.
- ii. In exceptional circumstances, KCD Hospital may solicit the Bidder's consent to an extension of the period of validity reasons shall be recorded in writing. The request and the responses there to shall be made in writing. The bid security provided shall also be suitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be

required nor permitted to modify its bid, except as provided in the bidding document.

### ***3. Evaluation and Comparison of Bids***

- 4.1. The Department will evaluate and compare the bids which have been determined to be substantially responsive.
  - 4.2. Bids shall be evaluated against the given specifications and other terms & conditions mentioned in the Bid Solicitation Documents.
  - 4.3. After preliminary examination, the responsive bidder(s) will be asked to provide the samples (Where required) of their quoted items and the same will be inspected/approved by the Purchase committee including technical members/End User, if rejected by the committee the order will be place to the next responsive bidder.
  - 4.4. Rates of those items will be considered for comparisons which are approved by the purchase committee
  - 4.5. The Lowest Offer will be accepted, meeting the Specification / quality needs and ensuring value for money.
  - 4.6. All the bidders will strictly follow the rate form attached as “**Annexed-A**”
4. Obligations and Options in Case of Non-fulfillment of Contractual Obligations by The Supplier
    - a. The supplier shall perform services in accordance with recognized standards, applicable laws and regulations.
    - b. The suppliers shall appoint a focal person who shall coordinate with KCD-MTI at all times during the execution of the project/Contract.
    - c. The supplier shall carry out the services/Supplies with due diligence and efficiency and in conformity with sound practices.
    - d. The supplier shall act at all times so as to protect the interests of the KCD-MTI and shall take all reasonable steps to keep all expenses to a minimum consistent with sound economic and other practices. The supplier shall furnish the KCD-MTI such information relating to the Services as the Client may from time-to-time reasonably request.
    - e. Except with the prior written approval of the KCD-MTI, the supplier shall not assign or transfer the Agreement for Goods or any part thereof nor engage any other independent supplier or sub-contractor to perform any part of the services/Goods without prior consent of the service providers

- f. The supplier agrees that no proprietary and confidential information received by the supplier from the KCD-MTI shall be disclosed to a third party unless the supplier receives a written permission from the KCD-MTI to do so.
- g. Procuring entity may take any of the following actions if after the placement of the Purchase Order the supplier fails to deliver the goods within the prescribed period, according to the specifications, quantities and other terms and conditions given in the Purchase Order/Contract agreement: -
  - i. Purchase from any other source, at the risk and cost of the supplier, the goods not delivered or other goods of equivalent specifications, without canceling the Purchase Order/contract agreement;
  - ii. Cancel the Purchase Order/contract agreement at supplier's risk and cost. In such case, KCD-MTI reserves the right to take any action against supplier which it may deem fit under the circumstances including the blacklisting of the supplier;
  - iii. Or recover any consequential losses/damages incurred by procuring entity by withholding any or all amounts otherwise due to the supplier against this or any other Purchase Order/ Contract.

#### 5. Disputes and Controversies/Dispute Resolution

- i. KCD-MTI shall constitute a Committee consisting of odd number of members with proper powers and authorizations to redress complaints of bidders that may arise prior to issuance of Purchase Order/contract agreement, in accordance with the KPP Redressal Rules 2014.
- ii. If a bidder is not satisfied with the decision of the Committee, he may take recourse to the KP-PPRA.
- iii. The mere fact of lodging a complaint shall not warrant suspension of procurement process.
- iv. Any dispute or difference arising out of the Agreement which cannot be amicably settled between the Parties, shall be finally settled by KP-PPRA whose decision will final and binding on both the parties.

#### 6. Sub-Letting Contract

The supplier shall not sub-let or assign this Contract or any part thereof without the written permission of the procuring entity. In the event of the Service/Goods subletting or assigning this Contract or any part thereof without such permission, the procuring entity shall be entitled cancel the Contract and to purchase the goods elsewhere on the supplier account and risk and the supplier shall be liable for any loss or damage which the procuring entity may sustain in consequence of arising out of such purchase.

## 7. **Bribes Commission Etc.**

Any bribe, commission, gift or advantage given, promised or offered by or on behalf of the Contractor/Supplier or his partner, agent or servant, or any one on his or their behalf to any officer servant, representative or agent of the procuring entity or any person on its behalf in relation to the obtaining or to the execution of this or any other contract with the procuring entity, shall in addition to any criminal liability which he may incur, subject the contractor/Supplier to cancellation of this and all other Contracts and also to payments of any loss or damage resulting from such cancellation to the like extent as is provided in cases cancellation hereof; and the procuring entity shall be entitled to deduct the amounts so payable from any moneys, otherwise due to the supplier under this or any other Contract. Any question or dispute as to the commission of any offence under this clause shall be settled by the procuring entity in such manner as it shall think fit and sufficient, and its decision shall be final and conclusive

## 8. Termination

The Agreement shall terminate when, pursuant to the provisions hereof, the Services/Goods have been completed and full and final payment has been made.

### *9.1. Termination by the Client*

The Client may, by a written notice of thirty (30) days to the supplier, terminate this Agreement. All accounts between the Client and the Service provider/Supplier shall be settled not later than sixty (60) days of the date of such termination.

### *9.2. Termination by the Supplier*

The supplier may suspend the Agreement by a written notice of thirty (30) days only if the supplier does not receive payments due under this Agreement.

## 9. Force Majeure

The term "Force Majeure" as employed herein shall mean acts of God, strikes, lockout or other industrial disturbances, acts of public enemy, wars, blockades, insurrection, riots, epidemics, landslides, earthquakes, storms, lightning, floods, washouts, civil disturbances, explosions and any other similar events, not within the control of either Party and which by the exercise of due diligence neither Party is able to overcome. If either Party is temporarily unable by reason of Force Majeure to meet any of its obligations under the Agreement, and if such Party gives to the other Party written notice, of the event within fifteen (15) days after its occurrence, such obligations of the Party, as it is unable to perform by reason of the event, shall be suspended for as long as the inability continues. Neither Party shall be liable to the

other Party for loss or damage sustained by such other Party arising from any event referred to as Force Majeure or delays arising from such event. Force Majeure shall not include insufficiency of funds or failure to make any payment required under the Agreement.

## 11. Other Terms & Conditions of The Market

11.1. This Bidding procedure will be conducted in light of Framework Contract (Rule 31- A) of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KP-PPRA) Rules 2014.

11.2. All the bidders will strictly follow the rate form attached as “**Annexed-A**”

11.3. Contracts shall be confirmed through a written agreement signed between successful bidder and the KCD-MTI Peshawar (**Draft attached as “Annex-B”**)

11.4. All the bidders will sign on Bidder Letter Head attached as “**Annex-C**”

11.5. Due to framework contract rate quoted by the bidder shall be valid till. June 30<sup>th</sup> 2027.  
**However extendable for another year up to a maximum of 03 years or till the finalization of new contract on mutual consent of both parties.**

11.6. In case of a successful bidder, who repudiates the contract or fails to furnish performance and as the case may be shall proceed for blacklisting and the supply order will be placed to the Next Successful Bidder or from the alternative sources at the cost/risk of the concerned firm.

11.7. Bidders are advised in their best interest to maintain the required quality and not to quote for counterfeited or sub-standard items, as the inspection committee will ensure the quality of products at the time of supply of items.

11.8. If any of the given specifications/parameters does not meet the required specifications, their offer will not be considered and shall summarily be rejected by KCD-MTI Peshawar.

11.9. In case of repeated failure or non-supply the KCD-MTI Peshawar reserves the right to forfeit the bid security and may proceed for debarment / blacklisting.

11.10. Each Items supplied shall strictly conform to the Schedule of Requirements and to the Technical Specifications prescribed by the KCD-MTI Peshawar against each item.

11.11. The Unit Cost agreed in the Price Schedule (Rate Form), is inclusive of all taxation and costs associated with transportation and other agreed incidental costs.

11.12. All clauses mentioned in Draft Contract Agreement (Annexure-B) shall be considered as part of this SBD.

11.13.If the successful firm fails / delays in performance of any of the obligations, under the Contract / Letter of Award, violates any of the provisions of the Contract / Letter of Award, commits breach of any of the terms and conditions of the Contract / Letter of Award or found to have engaged in corrupt or fraudulent practices in competing for the award of contract / Letter of Award or during the execution of the contract / Letter of Award, the institution may without prejudice to any other right of action / remedy it may have, blacklist the bidder, either indefinitely or for a stated period, for future tenders in public sector, as per provision of KP Procurement Rules, 2014.

## 12. Delivery of Items & Penalty

- a. The schedule for supply of goods shall be as under:
  - i. Within 30 days from the date of issuance of supply order by the Purchasing Agency for items to be locally available ii. within 90 days from the date of issuance of supply order by the Purchasing Agency for items to be imported. (BL bill of lading should be attached)
- b. The Penalty on late supply of goods shall be charged as under
  - i. Penalty @2% For Late Supply within 15 Days from due date of delivery.
  - ii. Penalty @ 5% For Late Supply within 16-30 Days from due date of delivery.
  - iii. Penalty @ 10% For Late Supply beyond 30 Days from the due date of delivery.

## 13. Award of Contract:

Contracts shall be confirmed through a written agreement signed between successful bidder and the KHYBER COLLEGE OF DENTISTRY MTI Peshawar attached as “Annex-B”.

## 14. Signing of the Contract Agreement

The successful bidder shall receive an invitation in form of Letter of Award from KHYBER COLLEGE OF DENTISTRYKCD-MTI with the aim to sign an Agreement for Required items as defined.

The successful bidder within Fourteen days (14) days of receipt of Letter of Award will sign the agreement however, bid security shall not be release and shall be consider as a Performance Security till duration of contract.

## 15. Payment:

- 15.1. No advance payment will be permissible.
- 15.2. Payment shall be made on production of the following documents:
  - i. The payment will be made after successful supply, installation and inspection of all requisite items.

ii. The Supplier/Vendor submits manually signed invoice in triplicate certifying that merchandise supplied is in accordance with the contract. The invoice must show the Purchase Order No. \_\_\_\_\_, and Date \_\_\_\_\_

iii. Material/Deliverables Receiving Report (in original) signed by the Authorized Representative of Procuring entity in acknowledgement of having received all supplies/deliverables in accordance with the Purchase Order/Contract Agreement.

iv. Authenticated sales tax invoice in original as prescribed in the Sales Tax Act 1990 (where applicable).

v. Valid Income Tax Exemption Certificate (otherwise Income Tax at) current applicable rates shall be deducted from the invoice). (Where applicable)

vi. National Tax Number. vii. Sales Tax Registration Number. viii. Valid Professional Tax Certificate

ix. Khyber Pakhtunkhwa Revenue Authority Certificate (for Services only)

x. Recovery of all applicable taxes at source should be made as per rules

#### 16. Applicable laws

This Agreement shall, in all respects, be read and construed and shall operate in conformity with the KP-PPRA Act 2012 and KPP Rules 2014.

**Annex: "A"**

#### **Bid Form and Price Schedules**

Price Schedule in Pak. Rupees (including all applicable taxes)

The prices quoted by the bidder shall be inclusive of all applicable duties and taxes. The Income Tax, stamp duty and Professional Tax or any other Government tax will be charged as per rules.

**Note: - All the bidders are required to follow the following pattern while preparing financial bids.**

Name of Bidder \_\_\_\_\_

S. No	Hospital Item Description	Firm's Item Description/Specification	Brand Name	UOM (Unit of measurement)	Unit price (PKR) Inclusive of all Taxes (With GST)

Signature of Bidder \_\_\_\_\_

*Note:* In case of discrepancy between unit price and total, the unit price shall prevail.

**Annex: "B"**

**(DRAFT)**

**AGREEMENT DEED**

**FOR PROCUREMENT GOODS THROUGH FRAME WORK AGREEMENT**

**THIS AGREEMENT DEED** is made on this day of ( \_\_\_\_\_ ) and made effective with effect from ( \_\_\_\_\_ ) by and between, and this agreement will be valid till 30-06-2027

**KHYBER COLLEGE OF DENTISTRY, Medical Teaching**

**Institute, Peshawar, Peshawar through its DEAN**

(Hereinafter referred to as '**First Party**' which expression shall unless repugnant to the context mean and include its heirs, executors, administrators, successors and assigns)

And

*M/S* \_\_\_\_\_

(Hereinafter referred to as '**Second Party**' which expression shall unless repugnant to the context mean and include its heirs, executors, administrators, successors and assigns).

(Both the above hereinafter collectively referred to as '**Parties**')

**WHEREAS** the Second Party has agreed to supply *IT EQUIPMENT AND COMPUTER ACCESSORIES*.

(hereinafter referred as 'Goods') out of the fresh stock to the First Party on the following terms and conditions:

**NOW THIS AGREEMENT TO BE WITNESS AS FOLLOWS:**

1. The following documents shall be deemed to form and be read and construed as part of this agreement, viz

- Award Letter
- Financial Quotation
- Bid Solicitation Documents (SBD) (Final)
- Winning items list

**DEFINITIONS:**

- a. '**Consideration**' means the price payable to the Second Party by the First Party under this Agreement Deed for the full and proper performance of its contractual obligations.

- b. **'Equipment'** means all of the equipment, machinery, and/or other materials which the Second Party is required to supply to the First Party under this Agreement Deed.
- c. **'Services'** means those services ancillary to the supply of the Equipment, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Second Party.
- d. **'Project Site'** where applicable, means the place or places named in this Agreement Deed.
- e. **'Day'** means a calendar day.
- f. **'Corrupt Practice'** means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
- g. **'Fraudulent Practice'** means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.
- h. **'Force Majeure'** means an event beyond the control of the Parties and not involving the Parties fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the First Party in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

#### **TERMS AND CONDITIONS:**

1. The Contract Agreement is made in light of Framework Contract (Rule31-A) of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KP-PPRA) Rules 2014

**Due to framework contract rate quoted by the bidder shall be valid till June 30<sup>th</sup> 2027. However extendable for another year up to a maximum of 03 years or till the finalization of new contract on mutual consent of both parties.**

2. Second Party shall deliver and install the Equipment/Goods at the premises and precincts of KHYBER COLLEGE OF DENTISTRY.
3. The specification, quality, quantity of goods shall be in conformity to purchase orders, which shall be made part of this Agreement Deed. The Second Party shall include the ancillary Services attached with the Equipment/Goods.
4. The Equipment/goods supplied under this Agreement Deed shall conform to the standards mentioned in the Technical Specifications, and, when no applicable

standard is mentioned, it shall conform to the authoritative standards appropriate to the

Equipment's country of origin. Such standards shall be the latest issued by the concerned institution.

5. The second party shall provide exactly the same item as per approved sample from First Party.
6. Any increase in quoted prices, until this contract validity, from Second Party will not be acceptable to First Party.
7. The Second Party will be liable to complete the supply within stipulated time limit i.e., 30 days after the issuance of the Purchase order and will be according to following schedule
  - a. Within 30 days from the date of issuance of supply order by the Purchasing Agency for items to be locally available
  - b. Within 90 days from the date of issuance of supply order by the Purchasing Agency for items/equipment to be imported. (BL - bill of lading should be attached)
8. The Second Party will liable to complete the supply within stipulated time limit by confirming quality, quantity and timeline up to the entire satisfaction of First Party.
9. The Second Party warrants that the Equipment/Goods supplied under this Agreement Deed are brand new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials unless provided otherwise in this Agreement Deed. The Second Party further warrants that all Equipment supplied under this Agreement Deed shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the First Party specifications) or from any act or omission of the Second party, that may develop under normal use of the supplied Equipment in the conditions prevailing in the country of First Party.
10. The First Party shall promptly notify the Second Party in writing of any claims arising under this warranty.
11. The First Party, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Second party, may terminate this Agreement Deed in whole or in part:
  - a. if the Second Party fails to deliver any or all of the Equipment/Goods within the period(s) specified in this Agreement Deed, or within any extension thereof granted by the First Party; or

- b. if the Second Party fails to perform any other obligation(s) under this Agreement Deed.
  - c. if the Second Party, in the judgment of the First Party has engaged in corrupt or fraudulent practices in competing for or in executing this Agreement Deed.
- 12. In case the Second Party failed to complete the supply till the due date i.e. 30 days from Issuance of the purchase order, a penalty as per detail below will be charged from the Second Party;
  - a. Penalty @ 2% for Late Supply within 15 Days from due date of delivery.
  - b. Penalty @ 5% For Late Supply within 16-30 Days from due date of delivery.
  - c. Penalty @ 10% For Late Supply beyond 30 Days from the due date of delivery.
- 13. The Second Party shall be responsible for the transportation of the Equipment/Goods and the transportation charges incurred thereof. The Second Party shall complete the supply and installation of goods within the stipulated period as mentioned in the supply order (Imported Items) from the date of execution of this agreement or as extended or reduced by the First Party. In case of failure of Second Party to supply the goods within the stipulated period, the First Party will be at liberty to make an alternate arrangement at the risk and cost of Second Party and the Second Party shall be liable to pay the entire cost/amount to the alternate supplier according to the demand of the First Party. In the event of commuting a default the First Party will be at liberty to take any civil/criminal legal action against the Second Party in accordance with law.
- 14. The Second Party shall be responsible for any defect in goods or supply of goods. The entire goods will be free of any charges and encumbrance of what so nature and the First Party or its agent will be authorized at all reasonable time to view, check and examine the conditions of the supplied Equipment/goods.
- 15. Upon demand made by the First Party at any time or from time to time, to execute all such instruments, deeds or documents which the First Party may in its sole discretion require, the Second Party will do the needful.
- 16. The First Party will be furnishing all such information as the Second Party may at any time or from time to time required relating to the position of goods and pecuniary liability of the First Party or otherwise whatever.
- 17. The Second Party shall not, without the prior written consent of First party, disclose this Agreement Deed, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the First Party in connection therewith, to any person other than a person employed by the Second Party in the performance of this Agreement Deed. Disclosure to

any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.

18. The Second Party shall provide such packing of the Equipment/goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Agreement Deed. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Equipment's final destination and the absence of heavy handling facilities at all points in transit.
19. The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Agreement Deed, including additional requirements, if any, and in any subsequent instructions ordered by the First Party.
20. The First Party will be at liberty, at all times and shall have the right to return the Equipment, provided/delivered by the Second Party with regard to quality, quantity, value or otherwise fitness for use. Notwithstanding anything contained hereinabove, it is hereby agreed by both Parties that the First Party at all times be at liberty and shall have the right to cancel or reduce the quantity, without assigning any reason.
21. The amount of performance security, as a percentage of the Contract Price, shall Not Be Required. However, the bid security of **Rs. 500,000/-** received at the time of bids submission shall be retained by KHYBER COLLEGE OF DENTISTRY as Performance Security till the end of contract period and will be released back to successful bidders after the expiry of contract period, subject to the condition that all contractual obligations related to supplies are fulfilled.
22. The Second Party shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under this Agreement Deed is the result of an event of Force Majeure.

If a Force Majeure situation arises, the Second Party shall promptly notify the First Party in writing of such condition and the cause thereof. Unless otherwise directed by the First Party in writing, the second Party shall continue to perform its obligations under this Agreement Deed as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

23. Any notice given by one party to the other pursuant to this Agreement Deed shall be sent to the other party in writing or by cable, telex, or facsimile and confirmed in writing to the other party's address specified in contract.

24. A notice shall be effective when dispatched on the given address of the Parties in this Agreement Deed via above means.
25. Payment to the Second Party shall be on presenting a bill in the shape of summary duly verified by Finance Department. The bill shall be counter verified from the end using department before clearance. Demand in violation of this clause of agreement may lead to imposition of reasonable amount of fine.
26. The Equipment/goods shall be open to inspection at all times during the agreement period. The inspection shall be carried out by a representative from purchase, legal, quality control, finance or end using department.
27. Besides the above conditions the Second Party shall be bound to fulfil the defacing if found at any time and for the purpose shall be ready to sign and execute a fresh agreement if needed.
28. Each Clause of this Agreement Deed shall be and remain separate from and independent of and severable from all and any other Clauses herein except where otherwise indicated by the context of this Agreement Deed. The decision or declaration that one or more of the Clauses are null and void shall have no effect on the remaining Clauses of this Agreement Deed.
29. This Agreement Deed may be reviewed at any stage with mutual consultation of both Parties, if required. All amendments or addition to this Agreement Deed must be in writing and signed by both Parties through addendum to this Agreement. No amendment of any provision of this Agreement Deed shall be valid unless the same shall be in writing and signed by the Parties
30. The validity, interpretation, construction and performance of this Agreement Deed shall be governed by the Laws of Khyber Pakhtunkhwa in Pakistan. This Agreement Deed shall be interpreted with all necessary changes in gender and in number as the context may require and shall convey to the benefit of and be binding upon the respective successors and assigns of the parties hereto.
31. **IN WITNESS WHEREOF** the Parties mentioned above have carefully pursued the terms and conditions embodied in this Agreement Deed and have executed the same, setting their signatures below, on the date and place mentioned above.

\_\_\_\_\_  
 DEAN  
 KHYBER COLLEGE OF DENTISTRY  
 For & On Behalf of First Party

\_\_\_\_\_  
 [Mention Name]  
 [Designation]  
 M/S (Provide Name)

WITNESSES

**FOR FIRST PARTY**

No.1.: \_\_\_\_\_  
 Name \_\_\_\_\_  
 C.N.I.C No.: \_\_\_\_\_  
 Contact No.: \_\_\_\_\_

**FOR SECOND PARTY**

No.1.: \_\_\_\_\_  
 Name \_\_\_\_\_  
 C.N.I.C No.: \_\_\_\_\_  
 Contact  
 No.: \_\_\_\_\_

UNDERTAKING ON BIDDERS LETTER HEAD

**Important Note:**

All the bidders must submit this undertaking on their company letter head attached with technical bid at the time of bid submission on the following format.

1. I, Owners / Director / Legal Attorney / Accredited representative of M/s \_\_\_\_\_, solemnly declare that,
2. M/s \_\_\_\_\_ have read the contents of the Bidding Document and have fully understood it.
3. That the financial instruments, statements of facts, data and documents being submitted by M/s for the Tender vide KCD dated \_\_\_\_\_ are true, genuine and correct.
4. Undertakes that information being submitted is correct and true, and that any false information shall lead to disqualification at any stage.
5. M/s is not blacklisted by any of Provincial or Federal Government Department, Agency, Organization or autonomous body anywhere in Pakistan.
6. Bid Security (in original) is placed in the financial bid.
7. In case we fail to comply any of the aforesaid conditions or the documents submitted by M/s is found false/forged, our tender will be cancelled forfeiting the Bid Security amount and debarring us from participation in future tenders of Medical Teaching Institution KCD, Khyber Pakhtunkhwa, for a period of one year.

Signature with Seal of the Deponent (bidder)

## **STATEMENT OF REQUIREMENT WITH SPECIFICATION**

NOTE: Sample will be called at the time of selection (if required) Blacklisting of Defaulted Bidder/Contractor Conditions for Blacklistment of Defaulted Bidder/Contractor under rule 44 of KP-PPRA Rules 2014

The following are the events which would lead to initiate (Rule 44 of KP-PPRA Rules 2014) blacklisting/debarment process;

- a. Consistent failure to provide satisfactory performances.
- b. Found involved in corrupt/fraudulent practices.
- c. Abandoned the place of work permanently

Conditions for debarment of Defaulted Bidder/Contractor

- I. Failure or refusal to;
- II. Accept Purchases Order / Services order terms; III. Make supplies as per specifications agreed:
- IV. Fulfill contractual obligations as per contract
- V. Non-execution of work as per terms & condition of contract.
- VI. Any unethical or unlawful professional or business behavior detrimental to good conduct and integrity of the public procurement process.
- VII. Persistent and intentional violation of important conditions of contract.
- VIII. Non-adherence to quality specifications despite being importunately pointed out.
- IX. Security consideration of the State i.e., any action that jeopardizes the security of the State or good repute of the KHYBER COLLEGE OF DENTISTRY Peshawar.

### **Procedure for Blacklistment and debarment**

1. Competent authority of KHYBER COLLEGE OF DENTISTRY may on information, or on its own motion, issue show cause notice to the bidder.
2. The show-cause notice shall contain the statement of allegation against the Bidder.
3. The bidder will be given maximum of seven days to submit the written reply of the show cause notice.
4. In case the bidder fails to submit written reply within the requisite time, the competent authority may proceed forth with ex-parte against the bidder.
5. Direct to issue notice of personal hearing to the bidder/ authorized representative of the bidder and the competent authority shall decide the matter on the basis of available record and personal hearing, if availed.
6. The competent authority shall decide the matter within thirty days from the initiation of proceedings.
7. The order of competent authority shall be communicated to the bidder by indicating reasons.

8. The order past as above shall be duly conveyed to the KP-PPRA and defaulting bidder within three days of passing order.
9. The duration of debarment may vary up to five years depending upon the nature of violation.

#### **Redressing of Grievances**

- a. The purchaser shall constitute a committee comprising of disagreed & notified by the competent authority proper powers and authorizations to address the complaints of bidders that may occur prior to the entry into force of the procurement contract.
- b. Any bidder feeling aggrieved by any act of the purchaser after the submission of his bid may lodge a written complaint concerning his grievances not later than 03 days after the announcement of the bid evaluation report.
- c. The grievance redressed Officer shall investigate and decide upon the complaint within 06 days of the receipt of the complaint. The report along with decision shall be forwarded to the purchaser officer within the prescribed period.
- d. Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.
- e. Note: Grievance notified & designated who can invite appropriate official as co-opted member for grievance.

**IT Equipment and Computer Accessories 2026-27**

S. No	Name of Item	Component
1.	Windows 11	Windows 11 professional Academic License
2.	Biometric Machine	<p><b><u>Specification</u></b>  <b>Fingerprint Capacity :</b> 5000  <b>Face Capacity:</b> 3000 (1:N) / 5000 (1:1)  <b>Card Capacity:</b> 5000  <b>Transaction Capacity :</b> 100000 Min  <b>Communication:</b> TCP/IP, USB Host / Client, Wiegand Output  <b>Hardware :</b>1.2GHz Dual Core CPU, Memory 128MB RAM / 256MB Flash, Silk ID Fingerprint Sensor, 4.3 Inches TFT-LCD Screen, Hi-Fi Voice &amp; Indicator, Tamper Switch Alarm  <b>Standard Functions:</b> ID Card, Work Code / ADMS, DST / SMS / Bell Schedule, Attendance Status Auto-Switch, Record Query / Photo ID, Custom Wallpaper &amp; Screen Saver  <b>Optional Functions:</b> HID / Mifare Card Reader, External Printer , Wi-Fi / 3G, Battery (2,000 MAh), POE  <b>Special Functions:</b> Multiple Biometric Verification Modes, Alive Finger Detection, Duplicate Face Detection  <b>Access Control Interface:</b> Lock Relay Output, Alarm Output, Exit Button, Door Sensor, External Bell Output.</p>
3.	Biometric Software (Bio-time)	Support upto 20 devices
4.	Patient Management Software	
5.	External Power Bank for Biometric Machine	12V minimum 20mnt backup
6.	Microsoft Office life time Academic License for multiple Pc's	
7.	55" 4K Smart TV (Sony, Samsung, LG, TCL)	OS: Preferred Tizen OS / Android / Google TV Resolution: 3,840 x 2,160 HDR10+ , HDMI: 3 Warranty: One Year
8.	65" 4k Smart Tv (Sony, Samsung, LG, TCL)	OS: Preferred Tizen OS / Android / Google TV Resolution: 3,840 x 2,160 HDR10+ , HDMI: 3 Warranty: One Year
9.	85" LED for Seminar Hall / waiting Area and CLP Room	OS: Preferred Tizen OS / Android / Google TV Resolution: 3,840 x 2,160 HDR10+ , HDMI: 3 Warranty: One Year
10.	98" 4K LED	OS: Preferred Tizen OS / Android / Google TV Resolution: 3,840 x 2,160

		HDR10+ , HDMI: 3 Warranty: One Year
11.	RAM DDR4 4GB	
12.	RAM DDR4 8GB	
13.	RAM DDR4 8GB	
14.	RAM DDR4 16GB	
15.	RAM DDR4 32GB	
16.	RAM DDR5 8GB	
17.	RAM DDR5 16GB	
18.	RAM DDR5 32GB	
19.	RAM DDR5 64GB	
20.	Network Convertor	USB to CAT6
21.	Convertor	VGA to HDMI
22.	Convertor	HDMI to VGA
23.	Convertor	Mini HDMI to VGA
24.	Convertor	Mini HDMI to HDMI
25.	Convertor	MICRO HDMI TO HDMI
26.	Convertor	Micro HDMI to VGA
27.	Convertor	D-Port to VGA/HDMI
28.	Convertor	VGA/HDMI to D-port
29.	Convertor	Mini D-Port to VGA/HDMI
30.	Convertor	HDMI – HDMI (Joiner)
31.	Convertor	DVI-D TO VGA/HDMI/D-port
32.	Convertor	Type C to VGA/HDMI/USB
33.	Convertor	Multi-purpose HUBUSB/Type C to HDMI/VGA/Type C/Ethernet etc (Docking station/port replicator, laptop)
34.	Splitter	HDMI 1X4 Port Splitter
35.	Splitter	HDMI 1X8 Port Splitter
36.	Splitter	HDMI 1X16 port Splitter
37.	Splitter	VGA 1X8 Port Splitter
38.	Splitter	VGA 1X16 Port Splitter
39.	WIRELESS MIKE (CARD LESS/ WITH STAND)	Branded
40.	WIRELESS MOUSE & KEYBOARD	Branded
41.	CAMERAS	1. Wireless Wide Angle Camera For Videoconferencing 2. IP Based Security Camera compatible with Dahua NVR 4MP - 10MP
42.	Multimedia Projectors High Quality	Projection System : DLP , Resolution :4K UHD (3840×2160) , Brightness (ANSI lumens) :4000 or high , Contrast Ratio (FOFO) : 30000:1 , Display Color: 1.07 billion colors , Native Aspect Ratio : 16:9 , Light Source life : A. Normal 4000 hrs, B. ECO

		10000 hrs, C. Smart Eco 15000 hrs , Resolution Support :VGA(640 x 480) to WUXGA_RB(1920 x 1200) , Zoom Ratio: 1.3x, Speaker: (x2),5W Chamber
43.	Multimedia Projector Medium quality	4000 lumens or high , Contrast Ratio 12000:1 , Resolution : 1280x800
44.	Screen for Projector	
45.	Rostrum	Digital Smart Interactive rostrum with smart podium interactive pen display monitor Built in audio amplifier which can connect multiple speakers. Built in control system on the digital smart rostrum controls external audio visual devices embedded with multiple HDMI & VGA port.
46.	Sound system	With universal wireless mics connectivity, 4 mics inputs, multiple output options, Aux supported, Speakers, Amplifier
47.	Collar Mic set	Good quality
48.	IP phones Controller	
49.	IP Phones	5 lines support
50.	IP Phones Gateway and Console	
51.	Signal jammer	Good quality
52.	Emergency Siren	Good quality
53.	Internal SSD 256 GB	Branded
54.	Internal SSD 500 GB	
55.	Internal SSD 1 TB	
56.	Internal SSD 2 TB	
57.	Internal SSD M2 256 GB	
58.	Internal SSD M2 500 GB	
59.	Internal SSD M2 1 TB	
60.	Internal Hard Drive 1 TB SATA	
61.	Internal hard drive 2 TB sata	
62.	Internal hard drive 4 TB sata	
63.	Internal hard drive 6 TB sata	
64.	Internal hard drive 8 TB sata	
65.	External SSD 500 GB branded usb Pluggable	
66.	External SSD 1 TB branded usb pluggable	
67.	External SSD 2 TB branded usb pluggable	
68.	External SSD 4 TB branded usb pluggable	
69.	External SSD 8 TB	

	branded usb pluggable	
70.	External NVME/M2 500GB	
71.	External NVME/M2 1TB	
72.	External NVME/M2 2TB	
73.	Keyboard USB	Branded
74.	Microtek Router	
75.	Microtek Router Board	
76.	PCI LAN card	
77.	LAN card external	
78.	M607 printer replacement display screen	
79.	LED 20" INCH VIEW 19.5" WIDE SCREEN	
80.	LED 24"	
81.	LED 32"	
82.	MOUSE USB	Branded
83.	Portable Hard Drive 2tb	
84.	Portable Hard Drive 4tb	
85.	Portable Hard Drive 6tb	
86.	Portable Hard Drive 8tb	
87.	Power cable (2meters) (2 pin + 3 pin)	
88.	Male to Female power cable	
89.	PRINTER CABLE USB	
90.	STICKY MOUSE PADS	
91.	USB Drive 16 GB	
92.	USB Drive 32 GB	
93.	USB Drive 64 GB	
94.	Usb extension cable (2 meters)	
95.	Usb extension cable (5 meters)	
96.	Usb extension cable (10 meters)	
97.	Usb to Rj-45 console cable (10 feet)	
98.	Usb to Rj-45 ethernet port	
99.	Windows 2019 standard server acadamic license	
100.	Windows 2021 standard server acadamic license	
101.	8/12 way socket pdu (power disribution unit)	
102.	Barcode reader super lead 83mmx 80mmx 147mm mesh/ multiline	
103.	Desktop Barcode scanner	
104.	Extension Boards For Computers Standard Size 3 Way Socket Or Above	

105.	1 KVA ONLINE UPS	Branded, With external battery bank, Standard battery backup
106.	1 KVA OFFLINE UPS	Branded, With internal dry batteries, Standard battery backup
107.	2 KVA ONLINE UPS	Branded, With external battery bank, Standard battery backup
108.	2 KVA OFFLINE UPS	Branded, With internal dry batteries, Standard battery backup
109.	Cpu security lock for desktop pc - 4 digit numbering pad	
110.	Display cable (hdmi) 10 meter 3d 4k support	
111.	Display cable (hdmi) 5 meter 3d support	
112.	Display calbe (hdmi) standard size led to cupu 3d support	
113.	Display cable (vgs) let to cpu	
114.	14th generation intel core i7 processors and board	
115.	12 generation intel core i5 processors and board	
116.	Dpot to dport cable	
117.	Dport to vga cable	
118.	Display port male to female extension cable	
119.	Display port cable dp 1.6m male to male cable	
120.	Lcd touch screen 24"	
121.	10m active display port cable	
122.	Rj45 pci wired network lan adapter card	
123.	Qr Code Reader With Stand	
124.	Docking Station (SATA) for PC	USB 3.0 or Higher
125.	Docking Station (SATA) for Laptop	USB 3.0 or Higher
126.	Multimedia speaker for desktop PC	Branded min 15 watt
127.	Cable holder organizer 25mm Diameter	
128.	Flexible spiral tube cable	
129.	Smart cable organizer desktop and workstation cord clips	
130.	Power Supply for Corei3, i5 and i7 branded	
131.	10M Active Display Port Cable	
132.	Plier	
133.	Screwdriver set	

134.	Needle-nose plier and Screwdrivers	
135.	Heavy duty blower	
136.	Solder	
137.	Sata bay	
138.	USB to SSD adapter	
139.	Printed PVC Cards for patient registration (double sided)	
140.	Display ribbon for HP 607 printer	
141.	Pressure roller for Canon 226 printer	
142.	Pressure roller for Canon 325 printer	
143.	Pressure roller for HP P1102 printer	
144.	Pressure roller for HP 102A printer	
145.	Pressure roller for HP M400 printer	
146.	Pressure roller for HP605 printer	
147.	Pressure roller for HP607 printer	
148.	USB data port for Canon 226	
149.	Lamp for Canon 226 printer	
150.	Lamp for Canon 325 printer	
151.	Lamp for HP P1102 printer	
152.	Lamp for HP 102A printer	
153.	Lamp for HP M400 printer	
154.	Lamp for HP605 printer	
155.	Lamp for HP607 printer	
156.	Sleeve for Canon 226 printer	
157.	Sleeve for Canon 325 printer	
158.	Sleeve for HP P1102 printer	
159.	Sleeve for HP 102A printer	
160.	Sleeve for HP M400 printer	
161.	Sleeve for HP605 printer	
162.	Sleeve for HP607 printer	
163.	Conferencing Camera	
164.	CCTV Cameras 4-8 MP	
165.	DJI Drone Mavic-3 pro	
166.	DSLR Camera with micro lens 30mm, 55mm, and 300mm lens	DSLR with WIFI and multiple lenses 30mm, 55mm, 300mm can be used for broadcasting as well along with all the dongles for seamless connectivity.
167.	DSLR camera with ring flash, orthodontic photographic mirrors and cheek retractors	Camera format: SLR Sensor type: CMOS Effective megapixel: 24.2 Sensor size: 366.6mm <sup>2</sup> Pixel pitch: 3.92microns Focal length multiplier: 1.5x

		Image resolution: 6000*4000 (24.0 MP, 3:2), 4496*3000 (13.5 MP, 3:2), 2992*2000 (6.0 MP, 3:2) Image format: JPEG, RAW Focal length (35 mm equivalent): 27-83mm Focal length actual: 18-55 mm Zoom ratio 3.05x Macro lens 105 mm or 90 mm Ring flash
168.	90mm macro lense	
169.	Godox mf 12 flashes	
170.	Flash trigger with dental mode	
171.	Ring mount	
172.	Ring Flash	
173.	Own bracket mount	
174.	Diffusers	
175.	Photography titanium coated mirror	
176.	Twin flash mobile dental photography kit	
177.	Cheek retractors (auto clavable)	
178.	Camera Tripod	Accessory Type Tripod Grip, Material, Polycarbonate resin (main external parts), Exterior colour, Black or silver, Tripod screw, Universal to attach any type of camera, Camera mount rotation and locking, The mount rotates 360° left or right and can be locked in the following positions. Camera mount tilt adjustment and locking. The mount tilts forward and back and can be locked in the following positions.
<b>Networking Items / Accessories</b>		
179.	IO	Branded Cat 6 IO module
180.	IO	Branded Cat 6A IO Module
181.	Faceplate	Branded Single Shutter/Gang faceplate 1 port
182.	Faceplate	Branded Dual Shutter/Gang faceplate 2 port
183.	Back box	PVC Back box
184.	Cable Jointer	Branded LAN Cable Jointer
185.	Cable Roll	Branded Cat6A cable roll (500 Meters)
186.	Cable Roll	Branded Cat6 cable roll (305 Meters)
187.	Crimping Tool	Branded Multipurpose Network Crimping Tool
188.	Stripper	Network Cable Stripper
189.	Tag machine	Cable Tag Gun/Tagger, with cartridge/rolls
190.	Tag machine cartridge/rolls	Compatible with tag machine provide
191.	Connectors	Branded RJ45 connectors for CAT6A cable
192.	Connectors	Branded RJ45 connectors for CAT6 cable
193.	Rubber Cap	Protective rubber cap for cat6A connectors
194.	Rubber Cap	Protective rubber cap for cat6 connectors
195.	Patch Panel	Branded Patch Panel loaded with Cat6A IO modules
196.	Patch Panel	Branded Patch Panel loaded with cat6 IO modules

197.	Cable Manager	Branded cable manager 48 slot 19 inch
198.	Cable Tray	Straight section 2"H x 4"W 10 feet length with ceiling mount kit
199.	Cable Tray	Straight section 2"H x 6"W 10 feet length with ceiling mount kit
200.	Cable Tray	Straight section 2"H x 8"W 10 feet length with ceiling mount kit
201.	Cable ties	Cable zip ties small size
202.	Cable ties	Cable zip ties large size
203.	Console Cable	USB TO RJ45 Serial Console Cable (Single piece)
204.	Cabinet	Branded 4U single section wall mounted cabinet 600x600 with 2 Fans and rack mounted PDU
205.	Cabinet	Branded 6U single section wall mounted cabinet 600x600 with 2 Fans and rack mounted PDU
206.	Cabinet	Branded 8U single section wall mounted cabinet 600x600 with 2 Fans and rack mounted PDU
207.	Cabinet	Branded 12U single section wall mounted cabinet 600x600 with 2 Fans and rack mounted PDU
208.	Cabinet	Branded 15U single section wall mounted cabinet 600x600 with 2 Fans and rack mounted PDU
209.	Cabinet	22U branded Floor Mounted Standard cabinet with Fans and mounted PDUs
210.	Cabinet	42U Branded Rack with dual fans and two side mounted PDUs with KVM
211.	Cabinet	42U Branded Rack with dual fans and two side mounted PDUs without KVM
212.	PDU	19-inch rack mounted PDU with 8 standard sockets
213.	Fiber optic cable	Branded Fiber Optic Cable 12 core Single mode
214.	Fiber optic cable	Branded Fiber Optic Cable 24 core Single mode
215.	Fiber Patch cord	Fiber Patch Cord (SC-LC) Single Mode 3 Meters length
216.	Fiber Patch cord	Fiber Patch Cord (SC-LC) Single Mode 5 Meters length
217.	Fiber Patch cord	Fiber Patch Cord (LC-LC) Single Mode 3 Meters length
218.	Fiber Patch cord	Fiber Patch Cord (LC-LC) Single Mode 5 Meters length
219.	Fiber Patch cord	Fiber Patch cord (SC-SC) Single Mode 3 Meters length
220.	Fiber ODF	Branded 16 Port with Single mode pigtailed and couplers
221.	Fiber ODF	Branded 24 Port with Single mode pigtailed and couplers
222.	Nails	1 inch steel nails box
223.	Nails	1.5-inch steel nails box
224.	Nails	2-inch steel nails box
225.	Flexible Pipe	1 inch (1 bundle = 150 Feet length)
226.	Flexible Pipe	1.5 inch (1 bundle = 100 Feet length)
227.	Flexible Pipe	3/4 inch (1 bundle = 150 Feet length)
228.	Flexible Pipe	2 inch (1 bundle = 100 Feet length)
229.	PVC Pipe	1 inch (One length = 10 Feet with 3 steel clips)
230.	PVC Pipe	1.5 inch (One Length = 10 Feet, with 3 steel clips)

231.	PVC Pipe	2 inch (One Length = 10 Feet) with 3 steel clips)
232.	Duct	PVC duct size 16x25 10 feet each length
233.	Duct	PVC duct size 16x38 10 feet each length
234.	Duct	PVC duct size 40x40 10 feet each length
235.	Duct	PVC duct size 60x60 10 feet each length
236.	Screws	1-inch black screws with rowel plug box
237.	Screws	1.5-inch black screws with rowel plug box
238.	Screws	2-inch black screws with rowel plug box
239.	Drill Machine	Cordless driver drill machine small size with complete accessories
240.	Drill Machine	Heavy duty cordless driver drill machine large size with batteries and charger.
241.	Drill Machine	Industrial drill machine with LT set
242.	Screw Driver	Cordless screw driver with complete set
243.	Cage Nuts	High quality cage nuts for Server/switches racks
244.	Fiber Splicing	Single mode fiber splicing (per core)
245.	Fiber Cable laying	Fiber optic cable lying charge (Per meter)
246.	Cat6 Patch Cord	Cat6 Branded Patch Cord 1 Meter
247.	Cat6 Patch Cord	Cat6 Branded Patch Cord 3 Meter
248.	Cat6 Patch Cord	Cat6 Branded Patch Cord 5 Meter
249.	Fiber Tester	Fiber Optic Visual
250.	Network Cable Tester/Scanner	Branded Network Cable tester with scanner
251.	Batteries for Cable Tester/Scanner	Batteries set compatible with Network cable tester quoted
252.	Wall Mount Stand (for 64" TV,56" TV)	Branded

<b>Mandatory Documents for the below quoted items (failing to any of below will lead to disqualification)</b>		
	Bidder must be Authorized Dealer of the Manufacturer for the quoted items and must provide a certificate	Mandatory
	Sales Tax Registration Certificate	Mandatory
	NTN Registration Certificate	Mandatory
	Registration with Khyber Pakhtunkhwa Revenue Authority	Mandatory
	Most recent Sales Tax Return from FBR last one year	Mandatory
	Income Tax Returns of last one year	Mandatory
	Bank Statement of the Firm Last 1 years	Mandatory
	At least 3 purchase orders for the quoted items	Mandatory

IT Related Equipment and Computer Accessories 2026-27		
253.	International Branded Desktop Computers Core-i7	<p>14<sup>th</sup> gen or higher  16GB DDR5 Memory (1x16GB)  Storage: 512GB M2  Graphics: Integrated Graphics (Supports PAC's DICOM images)  Wireless: Wireless Card + Bluetooth Speaker  USB Keyboard, USB Mouse  24" LED Monitor  HDMI, VGA, DP Ports  Warranty: 03 Years comprehensive warranty including parts and Onsite support  Windows 11 Pre-Installed with Genuine Retail license Key</p>
254.	International Branded Desktop Computers Core-i5	<p>14<sup>th</sup> gen or Higher  (1 x 8 GB) 8GB DDR5 Memory  Storage: 512GB high speed SSD/NVME/M2  Graphics: Integrated Graphics (Supports PAC's DICOM images)  Wireless: Wireless Card + Bluetooth +Speaker  USB Keyboard, USB Mouse  24" LED Monitor  HDMI, VGA, DP Ports  Warranty: 03 Years comprehensive warranty including parts and Onsite support  Windows 11 Pre-Installed with Genuine Retail license Key</p>
255.	Workstation	<p>14<sup>th</sup> gen or Core-Ultra Processor  (32 GB) DDR-5 RAM  Storage: 2 TB NVME/M2 Gen-5  Graphics: Nvidia RTX 5060/5070/5080  Wireless: Wireless Card + Bluetooth +Wireless Keyboard, &amp; Mouse  Curve LED 34"  HDMI, DP Ports,  Warranty: 03 Years comprehensive warranty including parts and Onsite support  Windows 11  Pre-Installed with Genuine Retail license Key</p>
256.	International Branded Core i7 Laptop	<p>Intel 14<sup>th</sup> gen or Higher  1x16 GB DDR5 Memory  1TB or above High-speed Solid-State Drive  No Optical Drive  13.3" FHD 1920x1080 Display, Multi Touch</p>

		<p>720p HD Camera,  Intel UHD Graphics,  Intel 9560 ac Wireless + Bluetooth,  Backlit Keyboard  4 Cell Li-Pol 60Wh Battery  Carry Case: Standard according to size  Warranty: 03 Years comprehensive warranty including parts and Onsite support  Windows 11 Pre-Installed with Genuine Retail license Key</p>
257.	Light Duty Printer Laser Printer	<p>Print speed: Up to 38 ppm  Print resolution (dpi): 600 x 600  Print quality: Up to 1200 x 1200 dpi  Memory: 512 MB or Higher  Monthly Duty Cycle: 80,000 Pages  Wireless Connectivity  <b>Additional toner price should be quoted separately</b>  Warranty: 01 Year comprehensive warranty including parts and Onsite support</p>
258.	Medium Duty Printer Laser Printer	<p>Print speed: Up to 43 ppm (A4)  Print resolution (dpi): 600 x 600  Print quality: Up to 1200 x 1200 dpi  Memory: 1GB or higher  Monthly Duty Cycle: 125,000 Pages  Wireless Connectivity (Optional)  <b>Additional toner price should be quoted separately</b>  Warranty: 01 Year comprehensive warranty including parts and Onsite support</p>
259.	Laser Jet Heavy Duty Printer	<p>Print Speed: Up to 55 ppm  Print Resolution: 600x600 DPI  Print Quality: 1200x1200 DP  Standard Memory: 1GB or higher  Processor 750 or higher  Wireless Connectivity (Optional)  <b>Additional toner price should be quoted separately</b>  Warranty: 01 Year comprehensive warranty including parts and Onsite support</p>
260.	Antivirus solution	<p>Antivirus solution for 500 pc's further extendable.  Academic license</p>
261.	3 in 1 printer	<p>Print, Scan, Copy with ADF  Printer speed: 38 ppm  Scan speed: upto 38 ppm  WiFi connectivity  Network connectivity  Additional Toner Price should be quoted separately  Warranty: 01 Year comprehensive warranty including parts and Onsite support</p>

262.	Color LaserJet printer	<p>Print Speed: Upto 38 ppm</p> <p>Print Resolution(dpi): 600x600</p> <p>Wireless connectivity enabled</p> <p>Additional Toner Price should be quoted separately</p> <p>Warranty: 01 Year comprehensive warranty including parts and Onsite support</p>
263.	Color Printer	<p>Ink Tank System</p> <p>New technology with good speed</p>
264.	Heavy Duty Photocopier	<p>Speed up to 80-Copies per minute speed</p> <p>Single/Dual Component TPD System</p> <p>Printing Resolution 1200 x 1200 dpi</p> <p>Memory 4 GB or higher</p> <p>999 Continuous Copying or higher</p> <p>Digital Memory Sorting</p> <p>Max. Copy Size A-3</p> <p>Built In Duplex Copying &amp; Printing</p> <p>Built In Network Color Scanner A3 Size</p> <p>Built In Network Printer A3 Size</p> <p>Built in send feature (Scan to email)</p> <p>Built in DADF</p> <p>Trolley</p> <p>Warranty: One Year Warranty and availability of parts in market.</p> <p>Additional toner price should be quoted separately</p>
265.	Medium Duty Photocopier	<p>Speed 45-Copies per minute speed</p> <p>Printing Resolution 1200 x 1200 dpi</p> <p>RAM 2 GB or higher</p> <p>Paper Support 550+550 Sheets</p> <p>50 Sheet stack by pass</p> <p>999 Continuous Copying or higher</p> <p>Digital Memory Sorting</p> <p>Max. Copy Size A-3</p> <p>Built In Duplex Copying &amp; Printing</p> <p>Built In Network Color Scanner A3 Size</p> <p>Built In Network Printer A3 Size</p> <p>Built in send feature (Scan to email)</p> <p>Built in DADF</p> <p>Trolley</p> <p>Additional toner price should be quoted separately</p> <p>Warranty: One Year Warranty and availability of parts in market.</p>
266.	Light Duty Photocopier	<p>Speed 18-Copies per minute speed</p> <p>Single/Dual Component TPD System</p> <p>Printing Resolution 600 x 400 dpi</p> <p>Memory 64 MB or higher</p> <p>Paper Support 200 or Higher</p>

		<p>50 Sheet stack by pass  999 Continuous Copying  Digital Memory Sorting  Max. Copy Size A-3  Built In Duplex Copying &amp; Printing  Zoom Range 25%-400%  Built In Network Color Scanner A3 Size  Built In Network Printer A3 Size  Built in send feature (Scan to email)  Built in DADF  Trolley  Additional toner price should be quoted separately  Warranty: One Year Warranty and availability of parts in market.</p>
267.	Server for Information Library System	<p>Intel Xeon Processor W-2223 (4C 3.6Ghz 3.9GHz Turbo HT 8.25MB 120W DDR4-2666) or Higher  Precision 5820 Tower 950W PCIe Flex Chassis CL  Slim ODD bezel, 100% tie with slim ODD  16GB (2x8) DDR4 2933 MHz RDIMM ECC Memory  M.2 Carrier, M.2 512GB PCIe NVMe Class 40 Solid state drive  1 TB SATA 3.4inch 7.2K RPM Hard Drive  8 x DVD-Rom 9.5mm Optical Disk Drive  NVIDA Quadro P1000, 4GB, 4 mDP to DP adaptor (5820T)  Integrated NIC included, wired mouse black, wired keyboard KB216 English</p>
268.	Firewall	<p>Firewall Throughput: 5 Gbps or more  NGFW Throughput: 2 Gbps or more  WAF Throughput: 2 Gbps or more  Concurrent Connections (TCP): 1,800,000 or more  New Connections (TCP): 50,000 or more  IPSec and SSL VPN  URL Filtering  Bandwidth Management  RAM 4 Gb or more HD Capacity: 64 GB SSD or more  Interfaces:  At least 4x10/100/1000 Base-T  At least 2x1G SFP  License :3 years of fully functional license with all features enabled</p>
269.	Core/Distribution Switch	<p>General Specification:  24 x 1/10G SFP+ Ports  Switching capacity: 2 Tbp or higher  Port Switching Capacity: 700 Gbps or higher  Forwarding rate: 500 Mpps or higher</p>

		<p>Layer 2 Features</p> <p>Support more than 32K MAC address tables</p> <p>STP/RSTP/PVST+/RPVST+</p> <p>Port based VLAN upto 4K Vlans</p> <p>Voice VLAN, Port Aggregation</p> <p>Layer 3 Features, IPV4/IPV6 Static routing</p> <p>Dynamic Routing RIP v1/2, RIPng, Policy Routing, OSPF v1/2/3, BGP, ARP, 16K ARP entries or more</p> <p>Dynamic ARP inspection, ARP Anti-attack, ARP Flood suppression, ARP Source suppression</p> <p>DHCP</p> <p>DHCP/DHCPv6 Client, DHCP/DHCPv6 Snooping</p> <p>DHCP/DHCPv6 Relay, DHCP/DHCPv6 Server</p> <p>DHCP Snooping Option 82 and IP/MAC Static binding entries</p> <p>MPLS</p> <p>Login through Telnet, SSH and Console Port</p>
270.	Access Switch	<p>General Specification:</p> <p>24 x 10/100/1000Base-T Ethernet POE+ Ports</p> <p>4x1/10G SFP+ Ports</p> <p>Switching capacity: 300 Gbps or higher</p> <p>Port Switching Capacity: 100 Gbps or higher</p> <p>Forwarding rate: 90 Mpps or higher</p> <p>Layer 2 Features</p> <p>Support more than 32K MAC address tables</p> <p>STP/RSTP/PVST+/RPVST+</p> <p>Port based VLAN upto 4K Vlans</p> <p>Security Features</p> <p>User management and password protection</p> <p>Port Isolation, Port Security</p> <p>Layer 3 Features</p> <p>IPV4/IPV6 Static routing</p> <p>Dynamic Routing RIP v1/2, RIPng, Policy Routing, OSPF v1/2/3, BGP, ARP, 16K ARP entries or more, Dynamic ARP inspection</p> <p>ARP Anti-attack, ARP Flood suppression, ARP Source suppression</p> <p>DHCP</p> <p>DHCP/DHCPv6 Client, DHCP/DHCPv6 Snooping</p> <p>DHCP/DHCPv6 Relay, DHCP/DHCPv6 Server</p> <p>DHCP Snooping Option 82 and IP/MAC Static binding entries</p> <p>MPLS, Login through Telnet, SSH and Console Port</p>
271.	POE Switch for DAHUA CCTV Cameras	<p>i. 8 Port</p> <p>ii. 16 Port</p> <p>iii. 24 Port</p>

272.	WLAN Controller	<p>General Specification:  Must include License to manage 160 access points.  Must be capable of managing at least 250 APs for future expandability  Wireless Throughput: 2 Gbps or Higher Interfaces:  2xGE WAN Ports or more, 2xGE SFP ports or more  Features  802.11 protocols, 11G protection  VLAN based wireless users 2-layer isolation  SSID Based wireless user 2-layer isolation  Inter AP L2 and L3 roaming, Open system, shared key  WEP-64/128 dynamic WEP, Portal authentication, local and LDAP authentication, Guest Access Control, Layer 2 protocol 802.1p, 802.1q, 802.x , RF Ping, Real Time Spectrum Guard</p>
273.	Wave-2 Controller Based Access Points	<p>General Specification:  Enterprise Class Dual Radio Access Point IEEE 802.11a/b/g/n/ac wave2, Throughput Support minimum data rates of 800Mbps in the 5GHz band and 400Mbps in the 2.4GHz band  Interfaces  Minimum 2 x Network interface: 2GE Base-T, Power Compatible with 802.3af/802.3at power supply  MIMO  2 x 2 MIMO with up to 2 Spatial Streams in 5GHz band and 2 x 2 MIMO with up to 2 Spatial Streams in 2.4GHz band  Features  Support 256 associated client devices per radio  Support WEP-64/128, dynamic WEP, WPA, WPA2, TKIP, CCMP encryption  Support Wireless Intelligent Application Aware (wIAA), wIDS/wIPS, 802.11w, discover and suppress counterfeit APs based on SSID  Support IPv4 / IPv6 dual native protocol stack, support IPv6 Portal, IPv6 SAVI  Support different SSID/VLAN mapping different QoS policies  Support user amount and traffic load balance  Supports user isolation between Layer 2 forwarding suppression and virtual AP (multiple SSID), Support Remote probe analysis  Support WEB, SNMP v1/v2/v3, RMON management &amp; configuration</p>
274.	SFP Transceiver	<p>SFP 1Gig Single mode optical/LX Transceiver  Wavelength .....1310 nm  Max Distance .....2-20 km</p>

		Transmitter Power .....-9 ~ -3 dBm Receiver Sensitivity .....< -22 dBm Connector .....Duplex LC
275.	SFP Transceiver	SFP 10Gig Single mode optical/LX Transceiver Wavelength .....1310 nm Max Distance .....2-20 km Transmitter Power .....-9 ~ -3 dBm Receiver Sensitivity .....< -22 dBm Connector .....Duplex LC
276.	Online UPS with Battery Storage Unite	Power ( kVA ) .....5 kVA Power ( kWatt ) .....8 kWatt INPUT - RECTIFIER Input Voltage .....380 / 400 / 415 VAC ; 3 Single Phase Input Voltage Range .....± 15% Input Frequency .....50 / 60 Hz Input Frequency Range .....± 10% Input Power Factor .....> 0,85 OUTOUT - INVERTER & BY-PASS Output Power Factor .....0,8 Output Voltage .....380 / 400 / 415 VAC ; 3 Output Voltage Regulation .....± 1% ( Static ) ; ± 5% ( Dynamic ) Output Frequency .....50 Hz / 60 Hz ( selectable ) Frequency Stability .....± 0,1% ( operation by battery ) ; ± 1% ( main synchron ) Battery storage/ installation unit, maintenance free batteries, 5-6 hours backup capacity
277.	Switch	General Specification: 24 x 10/100/1000Base-T Ethernet POE+ Ports 2 x 1G SFP Ports Layer 2 Features Support 16K MAC address tables or more STP/RSTP/PVST+/RPVST+ Port based VLAN upto 4K Vlans Security Features User management and password protection Port Isolation Port Security Layer 3 Features IPV4/IPV6 Static routing DHCP DHCP Client DHCP Snooping DHCP Relay DHCP Server

278.	Switch	<p>16 x 10/100/1000Base-T Ethernet POE+ Ports</p> <p>2 x 1G SFP Ports</p> <p>Port based VLAN upto 4k Vlans</p> <p>User Management and password protection</p> <p>Port isolation</p> <p>Port security</p> <p>DHCP snooping</p>
279.	Access Point	<p>Internal antenna</p> <p>Ceiling/wall mount kit</p> <p>Simultaneous Dual Band 2.4+5 GHz</p> <p>2.4 GHz Radio Rate: 450 Mbps or more</p> <p>5 GHz Radio Rate: 1300 Mbps or more</p> <p>Integrated POE+ port with external adaptor</p> <p>Multiple SSID Support (minimum 8) - SSID to VLAN Mapping</p> <p>Wi-Fi Standards: 802.11 a/b/g/n/ac</p> <p>Concurrent Clients: 200+</p> <p>Captive Portal</p> <p>Web management interface</p> <p>DHCP</p>
280.	Wireless Bridge	<p>Outdoor Point to Point Wireless Bridge (Pair)</p> <p>At least 1 GbE with POE++</p> <p>Capable of providing point-to-point connectivity for ariel distance of at least 500 Meters or above</p> <p>Frequency: Minimum 5GHz</p> <p>Throughput rate: 800 Mbps or above</p> <p>Waterproof and rust proof</p> <p>Pole Mountable, (Pole must be included in the package) -</p> <p>Wi-Fi Standards: 802.11 ac</p>
281.	Online UPS 2KVA for Circulation Desk	<p>True Online double conversion</p> <p>Input power factor correction 0.99</p> <p>Output power factor 0.9</p> <p>50/60 Hz frequency converter mode</p> <p>Programmable power management outlets</p> <p>High overload capability and enhanced short circuit protection</p>
282.	Online UPS 3KVA for Self-Check Station & RFID Gate	<p>True Online double conversion</p> <p>Input power factor correction 0.99</p> <p>Output power factor 0.9</p> <p>50/60 Hz frequency converter mode</p> <p>Programmable power management outlets</p> <p>High overload capability and enhanced short circuit protection</p>
283.	Online UPS, 3 KVA, (External dry battery with minimum 2 hours backup)	<p>Branded 3 KVA UPS with External battery bank having minimum 2 hours backup on 90% load</p>

284.	Online UPS 5KVA, (External dry battery with minimum 2 hours backup)	Branded 5 KVA UPS with External battery bank having minimum 2 hours backup on 90% load
285.	Online UPS 10KVA, (External dry battery with minimum 2 hours backup)	Branded 10 KVA UPS with External battery bank having minimum 2 hours backup on 90% load
286.	OMR Machine for Paper Checking	<p>Software should be able to <b>read OMR bubbles, Barcode, QR Code and OCR.</b></p> <p><b>ICR</b> feature should be compatible with software for the future use.</p> <p>Solution must deliver high-performance data capture functionality through <b>scalable client-server architecture</b> designed for high-volume processing</p> <p>Software should support capturing of <b>Structured documents</b> and semi structured documents in future if required.</p> <p>Software should support Data extraction based on Fixed Form, Free-Form, Full-text approach</p> <p>Software must support Multi-Channel - Import or capture all types of documents, paper or electronic in future.</p> <p>Software should support Multilingual - Recognition of <b>100+ OCR languages</b></p> <p>Software must be scalable platform to process <b>1000 or 10,000</b> or more documents in a day</p> <p>All technologies (OCR, PDF compression etc) used within Solution are <b>100% intellectual property of OEM.</b></p> <p>Software should support document classification based on barcodes.</p> <p>Software should have ability to auto save candidate sheets or specific area from sheet images with their unique ID.</p> <p>Solution should support <b>multiple versions</b> for a single test.</p> <p>Software should have Access <b>control</b> for multiple roles such as administrators and operator etc.</p> <p>Software offer at least following Reports</p> <p>Nos of Correct Answers, No of Incorrect answers, Nos of skipped questions, Multiple answers, Grades, Percentage, Total score, Question Item Analysis</p> <p>Solution should provide post analysis reports</p> <p>Difficulty Index, Discrimination Index, Cronbach alpha, Question Response, Raw Data Report.</p> <p>Software should support <b>proper filling, partial fillings, tick or cross.</b></p> <p>No need of special OMR sheets. software should be able to read OMR sheet which will be designed by any designing software like Corel, Photoshop, MS Word etc.</p> <p>Software should be able to process sheet in real time</p>



	<p>Processor Chassis Configuration Memory Memory Internal Storage Storage Controller Network Communication</p> <p>Fiber Channel Adapter Optics &amp; Cables for Network Cards PCIe Riser Power Supply Unit Fan Kit Server Management Operating System &amp; Software Support Accessories Rail Kit Warranty</p>	<p>Dual Intel® Xeon® Gold 6526Y 2.8G, 16C/32T or Higher 2.5" Chassis with up to 8 Hard Drives (SAS/SATA), 2 CPU 12x64GB RDIMM, 5600MT/s, Dual Rank 02 x 1.6TB Enterprise NVMe Mixed Use AG Drive U.2 Gen4 with carrier Compatible Smart Array Controller to support Internal Storage RAID</p> <ul style="list-style-type: none"> <li>• Standard Ethernet 1Gb 4-port Network Adapter</li> <li>• 2 x 10Gb/25Gb Dual Port network adapter with SFP+ transceivers</li> <li>• 2 x Dual Port 10GbE BASE-T Adapter</li> </ul> <p>Dual Port FC32 Fiber Channel HBA, PCIe Low Profile SFP+ SR Optic, 10GbE, for all SFP+ ports Compatible / Standard Dual, Hot-plug, Power Supply Fully Redundant (1+1), 1600W, Mixed Mode, Power Supply Kit High Performance Temperature Fan Kit OEM Remote Management Advanced License with 3yr Support on iLO Licensed Features or equivalent for Server Management Quoted brand should support latest software releases and upgrades for atleast warranty period. All the softwares with the latest release should be compatible with the quoted brand that includes Operating System, HyperVisor, Databases etc (VMware, Red Hat Linux, Oracle Linux, Microsoft, Oracle) from the OEM. 2U Bezel Kit, Chassis Intrusion Detection Kit 2U Small Form Factor Easy Install Rail Kit with Cable Management Arm OEM Support NBD with onsite service 3 Years.</p>
296.	Gimble for Camera	Branded
297.	Nvidia RTX graphic Card	5050, 5070, 5080,5090,
298.	Video Conferencing System	Supply installation and commissioning of video conferencing system complete in all aspects Prices must be quoted for the equipment of the video conferencing system individually
299.	Queue management System	Supply installation and commissioning of queue management system complete in all aspects including software