



University of Agriculture, Faisalabad

Bidding Documents

Tender No.141/2021

SPECIAL INSTRUCTIONS

- No cutting, erasing is allowed in the Tender bid.
- Bid offered strictly in accordance with the bid document will only be accepted.
- Only typed bid will be accepted
- All bidders and the representative visits the University of Agriculture, Faisalabad must ensure safety measures for COVID-19 as directed by the Govt. of Pakistan

**THIS IS FOR STRICT COMPLIANCE, FAILING WHICH THE
RESPECTIVE BID SHALL STAND CANCELLED**

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Section I.

Invitation for Bids



UNIVERSITY OF AGRICULTURE, FAISALABAD (TENDER NOTICE No.141/2021)

Sealed tenders are invited from Income Tax and Sales Tax registered firms on the basis of Single Stage (one envelop procedure) for **Purchase of Books** under Library Support Program at University of Agriculture, Faisalabad.

Date of Receiving and Opening	10.01.2022	Receiving Time	10:30 a.m.
		Opening Time	11:00 a.m.
		Tender Fee	Rs.500/-*
			(Free, if Downloading)
* Link for free Downloading: http://uaf.edu.pk/directorates/dpiv/dpiv_tenders.html			

- The bidding documents are available in the office of the Treasurer (**Tender Cell**) and the same may be obtained subject to payment of the cost of the printing and provision of the document (tender Fee) as mentioned above to be deposited in the University Income Account (No.11-9/NBP, UAF Branch).
- All the interested bidders will submit the bids in the Tender Cell, 1st Floor Admin. Block Treasurer's Office, University of Agriculture, Faisalabad (UAF) as per schedule mentioned above.**

DIRECTOR (DPIC)
(For & On behalf of the Committee)
Phone#041-9200898, 9200161 Extn.3505
E.Mail: dpic@uaf.edu.pk
store_officer@uaf.edu.pk

Section II.

Instructions to Bidders

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Instructions to Bidders

A. Introduction

- | | |
|---------------------------------------|--|
| 1. Source of Funds | University of Agriculture, Faisalabad. |
| 2. Eligible Bidders | <p>2.1 The invitation for Bids is opened to all supplier having trade relations with Pakistan and registration for National Tax Number & Sales Tax Number with Federal Board of Revenue</p> <p>2.2 Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation for Bids.</p> <p>2.3 Only Government owned enterprises may participate, only if they are legally allowed.</p> <p>2.4 bidders shall not be under a declaration of ineligibility in accordance with ITB 36.1&37 by any Government organization. The bidder shall provide affidavit to this effect.</p> |
| 3. Eligible Goods and Services | <p>3.1 All goods and related services to be supplied under the contract shall have their origin in eligible source countries, and all expenditures made under the contract will be limited to such goods and services.</p> <p>3.2 For purposes of this clause, “origin” means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially-recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.</p> <p>3.3 The origin of goods and services is distinct from the nationality of the Bidder.</p> |
| 4. Cost of Bidding | <p>4.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Purchaser named in the bid date sheet, hereinafter referred to as “the purchaser” will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.</p> |

B. The Bidding Documents

- 5. Content of Bidding Documents**

5.1 The goods required, bidding procedures, and contract terms are prescribed in the bidding documents. In addition to the Invitation for Bids, the bidding documents include:

 - (a) Instructions to Bidders (ITB)
 - (b) Bid Data Sheet
 - (c) General Conditions of Contract (GCC)
 - (d) Special Conditions of Contract (SCC)
 - (e) Schedule of Requirements
 - (f) Technical Specifications
 - (g) Bid Form and Price Schedules
 - (h) Manufacturer’s Authorization Form
 - (i) Integrity pact.
 - (j) Mechanism of Blacklisting and Deregistration

5.2 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect will be at the Bidder’s risk and may result in the rejection of its bid.
- 6. Clarification of Bidding Documents**

6.1 A prospective Bidder requiring any clarification of the bidding documents may notify the Purchaser in writing at the Purchaser’s address indicated in the **Bid Data Sheet**. The Purchaser will respond in writing to any request for clarification of the bidding documents which it receives prior to the deadline for the submission of bids prescribed in ITB Clause 19.1. Written copies of the Purchaser’s response (including an explanation of the query but without identifying the source of inquiry) will be sent to all prospective bidders that have received the bidding documents.
- 7. Amendment of Bidding Documents**

7.1 At any time prior to the deadline for submission of bids, the Purchaser, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, may modify the bidding documents by amendment.

7.2 All prospective bidders that have received the bidding documents will be notified of the amendment in writing and will be binding on them.

7.3 In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the Purchaser, at its discretion, may extend the deadline for the submission of bids.

C. Preparation of Bids

- | | |
|--|--|
| 8. Language of Bid | 8.1 The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser shall be written in English. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified above, in which case, for purposes of interpretation of the Bid, the translation shall govern. |
| 9. Documents Constituting the Bid | <p>9.1 The bid prepared by the Bidder shall comprise the following components:</p> <ul style="list-style-type: none"> (a) a Bid Form and a Price Schedule completed in accordance with ITB Clauses 10, 11, and 12; (b) documentary evidence established in accordance with ITB Clause 13 that the Bidder is eligible to bid and is qualified to perform the contract if its bid is accepted; (c) documentary evidence established in accordance with ITB Clause 14 that the goods and ancillary services to be supplied by the Bidder are eligible goods and services and conform to the bidding documents; and (d) bid security furnished in accordance with ITB Clause 15. |
| 10. Bid Form | <p>10.1 The Bidder shall complete the Bid Form and the appropriate Price Schedule furnished in the bidding documents, indicating the goods to be supplied, a brief description of the goods, their country of origin, quantity, and prices.</p> <p>10.2 Bidders tendering for engineering goods produced in Pakistan shall be accorded a price preference in rupees up to a specific percentage (in proportion to the value addition) of the lowest quoted landed cost of an item of foreign origin with similar specifications as mentioned in the tenders:</p> <ul style="list-style-type: none"> (1) Provided that- <ul style="list-style-type: none"> (a) The saving in foreign exchange is not less than the amount of price preference: and (b) It is ensured that in each case of such preference, the total import requirements for producing the supplies tendered for locally manufactured items has been duly indicated by the bidders. (2) Price preference shall be allowed as under:- <ul style="list-style-type: none"> (a) Having minimum of twenty percent value addition through indigenous manufacturing price preference shall fifteen percent; (b) Having over twenty percent and up to thirty percent value addition through indigenous manufacturing, price preference shall be twenty percent, and (c) Having over thirty percent value addition through indigenous manufacturing, price preference shall be twenty five percent. |

- (3) For the purpose of granting a margin of domestic preference bids will be classified into following groups.

Group.A. Bids offering engineering goods produced in Pakistan.

Group.B. Bids offering good of foreign origin to be imported by the purchaser through the supplier's Local (Pakistan) Agent.

Group.C. Bids offering good of foreign origin to be imported by the purchaser directly.

11. Bid Prices

11.1 The Bidder shall indicate on the appropriate Price Schedule the unit prices (where applicable) and total bid price of the goods it proposes to supply under the contract.

11.2 Prices indicated on the Price Schedule shall be entered separately in the following manner or specified otherwise in the Bid Data Sheet:-

- a). for goods offered from within Pakistan;

the price shall be quoted on FOR UAF basis. (FOR means the price of goods quoted by the bidder shall be inclusive of all costs, expenses, charges, duties and taxes etc. whatsoever incidental to their delivery, installation and commissioning as the case may be at UAF site).

- b) for goods offered from abroad by the LOCAL AGENT:

the price shall be quoted Cost and Freight (CFR), Carriage Paid to (Duty Paid) (CPT) Karachi seaport or Lahore/Faisalabad airport Pakistan, as the case may be. The bidder shall also add all cost expenses, charges, duties and taxes etc. whatsoever expect customs, incidental to delivery installation/commissioning of goods from the port of destination to UAF site. The bidder, in quoting the price, shall be free to use transportation in abroad except transit and means of transport through/of Israel. The LC at sight, as on Usance basis and Advance Payment will be governed as per following:-

i. LC AT SIGHT

The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note and CDR **within fortnight** in favor of Director (DPIC) as security equal to 100% amount of the goods to initiate the LC at sight.

ii. LC ON USANCE BASIS

In case the bidder, is unable to provide CDR in favor of Director (DPIC) as security equal to 100% amount of the goods to be imported, may chose this option and shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note **within fortnight** to initiate the LC on usance basis (minimum usance period 60 days from the date of Airway Bill **OR** 90 days from the date of Bill of Lading).

iii. ADVANCE PAYMENT

The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note and CDR **within fortnight** in favor of Director (DPIC) as

security equal to 100% amount of the goods to be imported to proceed for advance payment to the exporter. However, this option will be had where the value of the goods to be imported is up to US \$ 10,000 or varied in accordance with the instructions of the State Bank of Pakistan and Pakistan Customs issued from time to time and remittance will also be made accordingly.

iv. OPEN ACCOUNT

In case the bidder has not opted for import through LC (at sight or Usance basis or advance payment) may opt this option and shall provide Performa Invoice of principal on CPT/CFR basis as per supply order **within fortnight**. However, remittance will be made maximum up to six months from the date of filing of Goods Declaration (GD) form or otherwise as per Foreign Exchange Manual of State Bank of Pakistan and Pakistan Customs or instruction issued in this regard from time to time.

v. CONTRACT / COLLECTION

In case the bidder has not opted the options referred to “i to iv” above and may opt for this option. The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order **within fortnight**. The minimum period for remittance will be 60 days from the date of Airway Bill **OR** 90 days from the date of Bill of Lading. However, remittance will be made as per Foreign Exchange Manual of State Bank of Pakistan and Pakistan Customs or instruction issued in this regard from time to time.

vi. INCIDENTAL CHARGES FOR IMPORT OF GOODS:

All charges (Inside/outside Pakistan) like insurance, LC/bank and clearance of consignment from port/custom authorities will be borne by the bidder.

vii. RELEASE OF CDR

In case of LC at sight and advance payment to exporter, the CDR equal to 100% amount of the shipment as security will be released by Director (DPIC) after receiving of satisfactory inspection/installation/commissioning report from convener tender committee concerned.

viii. INITIATION OF REMITTANCE TO THE EXPORTER

In case of LC on usance basis, import on Open Account and Contract / Collection basis, the Director (DPIC) will initiate remittance through the concern bank to the exporter after receiving the satisfactory inspection/installation/commissioning report from the purchaser or the convener tender committee as the case may be.

DELIVERY PERIOD

After receiving the transmitted LC (at sight OR Usance Basis) OR swift acknowledgment against advance payment / proof of advance payment OR supply order on “Open Account” or “Contract / Collection” basis, the local supplier is responsible to provide complete set of shipping documents [i.e. Airway Bill/Seaway Bill/Bill of Lading, Commercial Invoice, Packing List, Country of Origin Certificate and any other document(s) related to shipment (if required) along with detail of bidder’s clearing agent for issuance of authority letter for clearance of consignment from port / custom authorities] ***within 6 weeks from the date of opening of LC (at sight or usance basis), advance payment and date of supply order for import of goods on “Open Account” or “Contract / Collection” basis. Moreover, after clearance of consignment by bidder from port / custom authorities, will deliver the consignment to the purchaser along with complete set of post shipment documents***

within 05 days from the date of Authority Letter. After expiry of the requisite period, firm will require to apply for extension in delivery period. However, after due scrutiny the Committee may extend the delivery period with liquidated damages as per applicable rate if the delay is on part of the bidder or without liquidated damages if the delay is on the part of the procuring agency or due to “force majeure”.

NOTE:

In case of late submission of Proforma Invoice, shipping documents and delivery of goods, difference of exchange rate on higher side as well as liquidated damages shall be recovered out of belongings of the bidders @ 0.67% of the value of the goods up to maximum 10% of the value of goods.

- 11.3 The terms CFR, CPT, etc., shall be governed by the rules prescribed in the current edition of *Incoterms* published by the International Chamber of Commerce, Paris or otherwise specified in the Bid Data Sheet and SCC
- 11.4 The Bidder’s separation of price components in accordance with ITB Clause 11.2 above will be solely for the purpose of facilitating the comparison of bids by the Purchaser and will not in any way limit the Purchaser’s right to contract on any of the terms offered.
- 11.5 Prices quoted by the Bidder shall be fixed during the Bidder’s performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet. A bid submitted with an adjustable price quotation will be treated as non-responsive and will be rejected, pursuant to ITB Clause 24. If, however, in accordance with the Bid Data Sheet, prices quoted by the Bidder shall be subject to adjustment during the performance of the contract, a bid submitted with a fixed price quotation will not be rejected, but the price adjustment would be treated as zero.

12. Bid Currencies

- 12.1 Prices shall be quoted in the following currencies:
 - (a) For goods and services that the Bidder will supply from within the Purchaser Country, the prices shall be quoted in Pak Rupees, unless otherwise specified in the **Bid Data Sheet**.
 - (b) For goods and services that the Bidder will supply from outside the Purchaser Country, the prices shall be quoted in any currency. However the payment will only be made by the purchaser in pak rupees in case of ITB clause 11.2 (b) and SCC.

13. Documents Establishing Bidder’s Eligibility and Qualification

- 13.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, documents establishing the Bidder’s eligibility to bid and its qualifications to perform the contract if its bid is accepted.
- 13.2 The documentary evidence of the Bidder’s eligibility to bid shall establish to the Purchaser’s satisfaction that the Bidder, at the time of submission of its bid, is from an eligible country as defined under ITB Clause 2.
- 13.3 The documentary evidence of the Bidder’s qualifications to perform the contract if its bid is accepted shall establish to the Purchaser’s satisfaction:
 - (a) that, in the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by

the goods’ Manufacturer or producer to supply the goods in the Purchaser Country;

- (b) that the Bidder has the financial, technical, and production capability necessary to perform the contract;
- (c) that, in the case of a Bidder not doing business within the Purchaser Country, the Bidder is or will be (if awarded the contract) represented by an Agent in that country equipped and able to carry out the Supplier’s maintenance, repair, and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and
- (d) that the Bidder meets the qualification criteria listed in the **Bid Data Sheet**.

14. Documents Establishing Goods’ Eligibility and Conformity to Bidding Documents

- 14.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods and services which the Bidder proposes to supply under the contract.
- 14.2 The documentary evidence of the eligibility of the goods and services shall consist of a statement in the Price Schedule of the country of origin of the goods and services offered which shall be confirmed by a certificate of origin issued at the time of shipment.
- 14.3 The documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings, and data, and shall consist of:
 - (a) a detailed description of the essential technical and performance characteristics of the goods;
 - (b) a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period to be specified in the **Bid Data Sheet**, following commencement of the use of the goods by the Purchaser; and
 - (c) an item-by-item commentary on the Purchaser’s Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.
- 14.4 For purposes of the commentary to be furnished pursuant to ITB Clause 14.3(c) above, the Bidder shall note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Purchaser in its Technical Specifications, are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand names, and/or catalogue numbers in its bid, provided that it demonstrates to the Purchaser’s satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

15. Bid Security

- 15.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, a bid security @ 2% of the Estimated Cost or in the amount specified otherwise in the **Bid Data Sheet**.
- 15.2 The bid security is required to protect the Purchaser against the risk of Bidder’s conduct which would warrant the security’s

forfeiture, pursuant to ITB Clause 15.7.

15.3 The bid security shall be denominated in the currency of the bid or in another freely convertible currency, and shall be in one of the following forms:

(a) Call deposit receipt (CDR).

15.4 Any bid not secured in accordance with ITB Clauses 15.1 and 15.3 will be rejected by the Purchaser as nonresponsive, pursuant to ITB Clause 24.

15.5 Unsuccessful bidders' bid securities will be discharged or returned as promptly as possible but not later than thirty (30) days after the expiration of the period of bid validity prescribed by the Purchaser pursuant to ITB Clause 16.

15.6 The successful Bidder's bid security will be discharged upon the Bidder signing the contract, pursuant to ITB Clause 34, and furnishing the performance security, pursuant to ITB Clause 35.

15.7 The bid security may be forfeited:

(a) if a Bidder:

(i) withdraws its bid during the period of bid validity specified by the Bidder on the Bid Form, or

(ii) does not accept the correction of errors pursuant to ITB Clause 24.2; or

(b) in the case of a successful Bidder, if the Bidder fails:

(i) to sign the contract in accordance with ITB Clause 34; or

(ii) to furnish performance security in accordance with ITB Clause 35.

**16. Period of
Validity of
Bids**

16.1 Bids shall remain valid for the period specified in the **Bid Data Sheet** after the deadline date of bid submission prescribed by the Purchaser, pursuant to ITB Clause 19. A bid valid for a shorter period shall be rejected by the Purchaser as nonresponsive.

16.2 In exceptional circumstances, the Purchaser may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The bid security provided under ITB Clause 15 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.

**17. Format and
Signing of
Bid**

17.1 The Bidder shall prepare an original bid indicated in the **Bid Data Sheet**, clearly marking each "TECHNICAL BID" and "FINANCIAL BID," as appropriate. In the event of any discrepancy between them, the original shall govern.

17.2 The original bid shall be typed and signed by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. All pages of the bid, except for unamended printed literature, shall be initialed by the person or persons signing the bid.

- 17.3 Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.
- 17.4 The Bidder shall furnish information as described in the Form of Bid on commissions or gratuities, if any, paid or to be paid to agents relating to this Bid, and to contract execution if the Bidder is awarded the contract.

D. Submission of Bids

18. Sealing and Marking of Bids

- 18.1 The Bidder shall seal the Technical and Financial Bid in separate envelopes, duly marking the envelopes as “TECHNICAL” and “FINANCIAL.” The envelopes shall then be sealed in an outer envelope.
- 18.2 The inner and outer envelopes shall:
 - (a) be addressed to the Purchaser at the address given in the **Bid Data Sheet**; and
 - (b) bear the Project name indicated in the Bid Data Sheet, the Invitation for Bids (IFB) title and number indicated in the Bid Data Sheet, and a statement: “DO NOT OPEN BEFORE,” to be completed with the time and the date specified in the **Bid Data Sheet**, pursuant to ITB Clause 22.1.
- 18.3 The inner envelopes shall also indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared “late.”
- 18.4 If the outer envelope is not sealed and marked as required by ITB Clause 18.2, the Purchaser will assume no responsibility for the bid’s misplacement or premature opening.

19. Deadline for Submission of Bids

- 19.1 Bids must be received by the Purchaser at the address specified under ITB Clause 18.2 (a) not later than the time and date specified in the **Bid Data Sheet**.
- 19.2 The Purchaser may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in accordance with ITB Clause 7, in which case all rights and obligations of the Purchaser and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

20. Late Bids

- 20.1 Any bid received by the Purchaser after the deadline for submission of bids prescribed by the Purchaser pursuant to ITB Clause 19 will be rejected and returned unopened to the Bidder.

21. Modification and Withdrawal of Bids

- 21.1 The Bidder may modify or withdraw its bid after the bid’s submission, provided that written notice of the modification, including substitution or withdrawal of the bids, is received by the Purchaser prior to the deadline prescribed for submission of bids.
- 21.2 The Bidder’s modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of ITB Clause 18. A withdrawal notice may also be sent by fax, but followed by a signed confirmation copy, postmarked not later than the deadline for submission of bids.
- 21.3 No bid may be modified after the deadline for submission of bids.
- 21.4 No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity

specified by the Bidder on the Bid Form. Withdrawal of a bid during this interval may result in the Bidder’s forfeiture of its bid security, pursuant to the ITB Clause 15.7.

E. Opening and Evaluation of Bids

- 22. Opening of Bids by the Purchaser**

22.1

The Purchaser will open all bids in the presence of bidders’ representatives who choose to attend, at the time, on the date, and at the place specified in the **Bid Data Sheet**. The bidders’ representatives who are present shall sign a register evidencing their attendance.

22.2

The bidders’ names, bid modifications or withdrawals, bid prices, discounts, and the presence or absence of requisite bid security and such other details as the Purchaser, at its discretion, may consider appropriate, will be announced at the opening. No bid shall be rejected at bid opening, except for late bids, which shall be returned unopened to the Bidder pursuant to ITB Clause 20.

22.3

Bids (and modifications sent pursuant to ITB Clause 21.2) that are not opened and read out at bid opening shall not be considered further for evaluation, irrespective of the circumstances.

22.4

The Purchaser will prepare minutes of the bid opening.
- 23. Clarification of Bids**

23.1

During evaluation of the bids, the Purchaser may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted.
- 24. Preliminary Examination**

24.1

The Purchaser will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.

24.2

Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail. If the Supplier does not accept the correction of the errors, its bid will be rejected, and its bid security may be forfeited.

24.3

The Purchaser may waive any minor informality, nonconformity, or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

24.4

Prior to the detailed evaluation, pursuant to ITB Clause 26, the Purchaser will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these Clauses, a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from, or objections or reservations to critical provisions, **such as** those concerning Bid Security (ITB Clause 15), Applicable Law (GCC Clause 31), and Taxes and Duties (GCC Clause 33), will be deemed to be a material

deviation. The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

- 24.5 If a bid is not substantially responsive, it will be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the nonconformity.

**25. Conversion
to Single
Currency**

25.1 To facilitate evaluation and comparison, the Purchaser will convert all bid prices expressed in the amounts in various currencies in which the bid prices are payable to either:

- (a) Purchaser Country at the selling exchange rate established for similar transactions by the State Bank of Pakistan and National Bank of Pakistan or specified otherwise;

25.2 The currency selected for converting bid prices to a common base for the purpose of evaluation is Pak Rupees to be converted as per rate of the bank shown in ITB 25.1 (a) on the date of opening of the financial bid or specified otherwise in the **Bid Data Sheet**.

**26. Evaluation
and
Comparison
of Bids**

26.1 The Purchaser will evaluate and compare the bids which have been determined to be substantially responsive, pursuant to ITB Clause 24.

26.2 The Purchaser's evaluation of a bid will take into account, in addition to the bid price quoted in accordance with ITB Clause 11.2, one or more of the following factors as specified in the **Bid Data Sheet**, and quantified in ITB Clause 26.3:

- (a) delivery schedule offered in the bid;
- (b) deviations in payment schedule from that specified in the Special Conditions of Contract;
- (c) the cost of components, mandatory spare parts, and service;
- (d) the availability in the Purchaser's country of spare parts and after-sales services for the equipment offered in the bid;
- (e) the projected operating and maintenance costs during the life of the equipment;
- (f) the performance and productivity of the equipment offered; and/or
- (g) other specific criteria indicated in the **Bid Data Sheet** and/or in the Technical Specifications.

26.3 For factors retained in the Bid Data Sheet pursuant to ITB 26.2, one or more of the following quantification methods will be applied, as detailed in the Bid Data Sheet:

- (a) *Delivery schedule.*
 - (i) The goods covered under this invitation are required to be delivered (shipped) within an acceptable range of weeks specified in the Schedule of Requirement. No credit will be given to earlier deliveries, and bids offering delivery beyond this range will be treated as nonresponsive. Within this acceptable range, an adjustment per week, as specified in the **Bid Data Sheet**, will be added for evaluation to the bid price of bids offering deliveries later than the earliest delivery period specified in the Schedule of Requirements.
- (b) *Deviation in payment schedule.*
 - (i) The SCC stipulates the payment schedule offered by the Purchaser. If a bid deviates from the schedule it will be considered as non-responsive bid.
- (c) *Cost of spare parts.*
 - (i) The list of items and quantities of major assemblies, components, and selected spare parts, likely to be required during the initial period of operation shall be specified by the bidder. The total cost of these items, at the unit prices quoted in each bid, will be added to the bid price.

or

- (ii) The bidder will draw up a list of high-usage and high-value items of components and spare parts, along with estimated quantities of usage in the initial

period of operation. The total cost of these items and quantities will be computed from spare parts unit prices submitted by the Bidder and added to the bid price.

- (d) *Spare parts and after sales service facilities in the Purchaser's country.*

The cost to the Purchaser of establishing the minimum service facilities and parts inventories, if outlined in the **Bid Data Sheet** or elsewhere in the bidding documents, if quoted separately, shall be added to the bid price.

- (e) *Operating and maintenance costs.*

Since the operating and maintenance costs of the goods under procurement form a major part of the life cycle cost of the equipment, these costs will be evaluated in accordance with the criteria specified in the **Bid Data Sheet** or in the Technical Specifications.

- (f) *Performance and productivity of the equipment.*

- (i) Goods offered shall have a minimum productivity specified under the relevant provision in the Technical Specifications to be considered responsive. Evaluation shall be based on the cost per unit of the actual productivity of goods offered in the bid or otherwise specified in the **Bid Data Sheet** or in the Technical Specifications.

- (g) *Specific additional criteria*

Other specific additional criteria to be considered in the evaluation and the evaluation method shall be detailed in the **Bid Data Sheet** and/or the Technical Specifications.

26.4. **Delivery Schedule.**

As mentioned in Bid Data Sheet.

27. Domestic Preference

- 27.1 If the **Bid Data Sheet** so specifies, the Purchaser will grant a margin of preference to goods manufactured in the Purchaser’s country for the purpose of bid comparison, in accordance with the procedures outlined in subsequent paragraphs, provided the Bidder shall have established to the satisfaction of the Purchaser that its bid complies with the criteria specified in ITB Clause 10.2 (a):
- 27.2 The Purchaser will first review the bids to confirm the appropriateness of, and to modify as necessary, the bid group classification to which bidders assigned their bids in preparing their Bid Forms and Price Schedules, pursuant to ITB Clauses 10 and 11.
- 27.3 All evaluated bids in each group will then be compared among themselves to determine the lowest evaluated bid of each group. The lowest evaluated bid of each group will next be compared with the lowest evaluated bids of the other groups. If this comparison results in a bid from Group A or Group B being the lowest, it will be selected for contract award.
- 27.4 If, as a result of the preceding comparison, the lowest evaluated bid is from Group C, all Group C bids will then be further compared with the lowest evaluated bid from Group A, after adding to the evaluated bid price of the imported goods offered in each Group C bid, for the purpose of this further comparison only:
- (a) the amount of customs duties and other import taxes that a nonexempt importer would have to pay for the importation of goods offered in each Group C bid;
- If the Group A bid in the further comparison is the lowest, it will be selected for award. If not, the lowest evaluated bid from Group C, as determined from the comparison under ITB Clause 27.3 above, will be selected for award.

28. Contacting the Purchaser

- 28.1 From the time of bid opening to the time of contract award, if any bidder wishes to contact the Purchaser on any matter related to the bid, it should do so in writing.
- 28.2 Any effort by a Bidder to influence the Purchaser in its decisions on bid evaluation, bid comparison, or contract award may result in the rejection of the Bidder’s bid.

F. Award of Contract

29. Post-qualification

- 29.1 In the absence of prequalification, the Purchaser will determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated responsive bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in ITB Clause 13.3.
- 29.2 The determination will take into account the Bidder’s financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder’s qualifications submitted by the Bidder, pursuant to ITB Clause

13.3, as well as such other information as the Purchaser deems necessary and appropriate.

29.3 An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder’s bid, in which event the Purchaser will proceed to the next lowest evaluated bid to make a similar determination of that Bidder’s capabilities to perform satisfactorily.

**30. Award
Criteria**

30.1 Subject to ITB Clause 32, the Purchaser will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily.

**31. Purchaser’s
Right to Vary
Quantities at
Time of
Award**

31.1 The Purchaser reserves the right at the time of contract award to increase or decrease, as per requirement, the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.

- | | |
|---|--|
| 32. Purchaser's Right to Accept Bid and to Reject All Bids | 32.1 The Purchaser reserves the right to accept bid and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the affected Bidder or bidders. |
| 33. Notification of Award | <p>33.1 Prior to the expiration of the period of bid validity, the Purchaser will notify/inform the successful and unsuccessful Bidder in writing by letter or by Fax/ e-mail, or telephonically, that its bid has been accepted and unaccepted as the case may by.</p> <p>33.2 The notification of award will constitute the formation of the Contract.</p> <p>33.3 Upon the successful Bidder's furnishing of the performance security pursuant to ITB Clause 35, the Purchaser will discharge bid security to each unsuccessful Bidder on his written request, pursuant to ITB Clause 15.</p> <p>33.4 If, after notification of award, a Bidder wishes to ascertain the grounds on which its bid was not selected, it should address its request to the Purchaser. The Purchaser will promptly respond in writing to the unsuccessful Bidder.</p> |
| 34. Signing of Contract | 34.1 After 10 days from the announcement of evaluation report, the Purchaser will send supply order or Formal Contract as the case may be to successful bidder. In case of formal contract, the successful bidder will send back the contract to the purchaser duly signed within 7 days from the issuance date. Failing which the Purchaser reserves the right under ITB Clause 15.7. |
| 35. Performance Security | <p>35.1 Within Seven (07) days from the issuance of acceptance letter from the Purchaser, the successful Bidder shall furnish the performance security in shape of any bank instrument as desired in Page # 1 of Bidding Document. In case the amount of bid security is equal or greater than the value of the goods to be supplied then the bidder shall not require furnishing the performance security separately and the bid security will be retained to meet the requirement of performance security.</p> <p>35.2 Failure of the successful Bidder to comply with the requirement of ITB Clause 35.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Purchaser may make the award to the next lowest evaluated Bidder or call for new bids.</p> |
| 36. Corrupt or Fraudulent Practices | <p>36.1 The purchaser as well as Bidders/Suppliers/Contractors should observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the PPRA Govt. of the Punjab;</p> <p>(a) the terms set forth below as follows:</p> <p>(i) "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; and</p> <p>(ii) "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 Purchaser, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive</p> |

levels and to deprive the Purchaser of the benefits of free and open competition;

- (b) The purchaser will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
- (c) The Purchaser will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a University Contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a University Contract.

36.2 Furthermore, Bidders shall be aware of the provision stated in Clauses 5.4 and 24.1 of the General Conditions of Contract.

37.Blacklisting/37.1 the Purchaser reserves the right to blacklist or deregister (may
Deregistration impose Permanent or temporary bar for participation in the procurement proceedings respectively) the bidder as follows:-

(a) **Blacklisting:** The bidder who

- (i) Fail to perform contractual obligations or the performance under the contract is not upto the mark;
- (ii) Found to be indulging in corrupt or fraudulent practices;
- (iii) Commit an action causing or liable to cause loss to the University;
- (iv) Furnish false information;

(b) **Deregistration:** The bidder who

- (i) Submit bid as employee of the firm, or proprietor or shareholder being an employee of the University;
- (ii) Show non-responsive attitude in case of summoning by the University.
- (iii) Back out from their offers after opening of tender;
- (iv) Misbehave with the University employee;

37.2 The bidder shall provide affidavit that the firm was not declared blacklisted or deregistered by any of the Federal and Provincial Government institution.

Section III.

Bid Data Sheet

Bid Data Sheet

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

A-Introduction	
ITB 2.1	The invitation for Bids is opened to all suppliers having registration for National Tax Number & Sales Tax Number with Federal Board of Revenue.
ITB 2.3	Government owned enterprises may participate, only if they are legally allowed.
ITB 2.4	In addition to the contents of ITB 2.4 the bidder shall not be blacklisted by any organization of the Government of the Punjab as well as Federal Government. The bidder shall provide affidavit to this effect.
B- Bidding Documents	
ITB 5.1(h)	Not applicable
ITB 6.1	<p>Purchaser's address: Muhammad Umar Farooq, Librarian THROUGH Directorate of Procurement & Inventory Control (DPIC) University of Agriculture, Faisalabad Phone No. 041-9200898</p> <p><u>FOR RESPONSE:</u> 1. Librarian, UAF Main Campus 2. Assistant Librarian, UAF Community College (PARS) 3. Assistant Librarian, UAF Sub Campus Burewala, Vehari 4. Incharge Library, UAF Sub Campus Depalpur, OKARA 5. Incharge Library, UAF Sub Campus Toba Tek Singh</p>
C-Preparation of Bid	
ITB 8.1	Language of the bid. "English"
ITB 11.2	Prices on F.O.R. basis is required
ITB 11.2 (c) ITB 11.3	Not applicable
ITB 13.3 (d)	<p>Qualification requirements attached with Technical Bid:- 1. Company /Bidder Profile: a. Experience in the relevant field minimum 3 Years b. Name of owner/proprietor c. Copy of CNIC d. Date of Establishment, Age of Firm e. Copy of NTN and Sales Tax Registration f. Copy of Professional Tax g. Affidavit (Submission of undertaking on legal valid stamp paper (valuing Rs.100/-) that the firm not blacklisted by any of Provincial or Federal Government Department, Agency, Organization or autonomous body or private Sector Organization anywhere in Pakistan</p>

ITB 16.1	Bid validity period. 90 Days
ITB 17.1	Bid: Single Stage (one envelop procedure)
D-Submission of Bid	
ITB 18.2 (a)	Address for bid submission. Tender Cell, Treasurer's Office, University of Agriculture, Faisalabad
ITB 18.2 (b)	Tender Notice No. 141/2021
ITB 19.1	Deadline for bid submission: 10.01.2022
E-Bid Evaluation	
ITB 25.1(a)	State Bank or a Commercial Bank to be read as State Bank of Pakistan and National Bank of Pakistan
ITB 25.2	The common base currency is PAK Rupee to be converted as per rate of the bank shown in ITB 25.1(a) of the bid data sheet on the date of opening of the financial bid.
ITB 26.3 (a)(i)	The SCC stipulates the payment schedule offered by the purchaser. If a bid deviates from the schedule then it will be considered as non-responsive.
ITB 26.3 (c)	The bidder will provide the cost of spare parts required to be replaced during whole life of the goods after the expiry of warranty period.
ITB 26.3 (e)	The bidder will provide :- i) Cost of consumables N/A ii) Unit of energy consumption per hour N/A iii) Life cycle of the goods N/A
ITB 26.3 (f)	Performance and productivity of Articles. As per Technical Specification
ITB 26.3 (g)	As per specification.
ITB 27	As per ITB clause 10.2 prior to the award of procurement contract
ITB 33	Subject to PPRA Rule 2014/UAF Procurement Rule 2014, the bidder with the lowest evaluated bid, if not in conflict with any other law, shall be awarded the procurement contract within the original or extended bid validity period after 10 days of announcement of the evaluation report.

Section IV.

General Conditions of Contract

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General Conditions of Contract

1. Definitions

1.1 In this Contract, the following terms shall be interpreted as indicated:

- (a) “The Contract” means the agreement entered into between the Purchaser and the Supplier, as recorded in the Contract Form signed by the parties, or the supply order issued by the purchaser to the supplier, as the case may be, including all attachments and appendices thereto and all documents incorporated by reference therein.
- (b) “The Contract Price” means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- (c) “The Goods” means all of the equipment, machinery, and/or other materials which the Supplier is required to supply to the Purchaser under the Contract.
- (d) “The Services” means those services ancillary to the supply of the Goods, 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 Supplier covered under the Contract.
- (e) “GCC” means the General Conditions of Contract contained in this section.
- (f) “SCC” means the Special Conditions of Contract.
- (g) “The Purchaser” means the organization purchasing the Goods, as mentioned in Bid Data Sheet.
- (h) “The Purchaser’s country” is **Pakistan**.
- (i) “The Supplier” means the individual or firm supplying the Goods and Services under this Contract and **named in Supply Order**.
- (j) “The University” means the **University of Agriculture, Faisalabad**.
- (k) “The Project Site,” where applicable, means the place or places **named in Bid Data Sheet and technical specifications**
- (l) “Day” means calendar day.

- 2. Application** 2.1 These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.
- 3. Country of Origin** 3.1 All Goods and Services supplied under the Contract shall have their origin in the countries as elaborated in the **Technical Specifications**.
- 3.2 For purposes of this Clause, “origin” means the place where the Goods were mined, grown, or produced, or from which the Services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 3.3 The origin of Goods and Services is distinct from the nationality of the Supplier.
- 4. Standards** 4.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods’ country of origin. Such standards shall be the latest issued by the concerned institution.
- 5. Use of Contract Documents and Information; Inspection and Audit by Purchaser** 5.1 The Supplier shall not, without the Purchaser’s prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- 5.2 The Supplier shall not, without the Purchaser’s prior written consent, make use of any document or information enumerated in GCC Clause 5.1 except for purposes of performing the Contract.
- 5.3 Any document, other than the Contract itself, enumerated in GCC Clause 5.1 shall remain the property of the Purchaser and shall be returned (all copies) to the Purchaser on completion of the Supplier’s performance under the Contract if so required by the Purchaser.
- 5.4 The Supplier shall permit the Purchaser to inspect the Supplier’s accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the Purchaser, if so required by the Purchaser.

- 6. Patent Rights** 6.1 The Supplier shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the Purchaser's country.
- 7. Performance Security** 7.1 Within Seven (07) days from the issuance of acceptance letter from the Purchaser, the successful Bidder shall furnish the performance security in shape of CDR at the discretion of the Purchaser in the amount **specified in SCC**. In case the amount of bid security is equal or greater than the value of the goods to be supplied then the bidder shall not require furnishing the performance security separately, it will be retained or deducted from the bidder's claim on bidder's choice.
- 7.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 7.3 The performance security shall be denominated in the currency of the Contract, or in a freely convertible currency acceptable to the Purchaser and shall be in one of the following forms:
- (a) CDR issued by a reputable bank located in the Purchaser's country or abroad, acceptable to the Purchaser, in the form provided in the bidding documents or another form acceptable to the Purchaser.
- 7.4 The performance security will be discharged by the Purchaser and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless otherwise **specified in SCC**.
- 8. Inspections and Tests** 8.1 The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Purchaser. **SCC** and the Technical Specifications shall specify what inspections and tests the Purchaser requires and where they are to be conducted. The Purchaser shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.
- 8.2 The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no

charge to the Purchaser.

- 8.3 Should any inspected or tested Goods fail to conform to the Specifications, the Purchaser may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Purchaser.
- 8.4 The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival in the Purchaser's country shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Purchaser or its representative prior to the Goods' shipment from the country of origin.
- 8.5 Nothing in GCC Clause 8 shall in any way release the Supplier from any warranty or other obligations under this Contract.

9. Packing

- 9.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. 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 Goods' final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 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 Contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the Purchaser.

10. Delivery and Documents

- 10.1 Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are specified in SCC.
- 10.2 For purposes of the Contract, "CFR," "CPT", the terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of *Incoterms* published by the International Chamber of Commerce, Paris.
- 10.3 Documents to be submitted by the Supplier are **specified in SCC**.

11. Insurance

- 11.1 The Goods supplied under the Contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery in the manner **specified in the SCC**.
- 11.2 Where delivery of the Goods is required by the Purchaser on a CFR or CPT basis, the Purchaser shall arrange and pay for cargo insurance, naming the supplier as beneficiary.

12. Transportation

- 12.1 Where the Supplier is required under Contract to deliver the Goods FOB, transport of the Goods, up to and including the point of putting the Goods on board the vessel at the specified port of loading, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price. Where the Supplier is required under the Contract to deliver the Goods FCA, transport of the Goods and delivery into the custody of the carrier at the place named by the Purchaser or other agreed point shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
- 12.2 Where the Supplier is required under Contract to deliver the Goods CFR or CPT, transport of the Goods to the port of destination or such other named place of destination in the Purchaser's country, as shall be specified in the Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
- 12.3 Where the Supplier is required under the Contract to transport the Goods to a specified place of destination within the Purchaser's country, defined as the Project Site, transport to such place of destination in the Purchaser's country, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price.
- 12.4 Where the Supplier is required under Contract to deliver the Goods CFR or CPT, no restriction shall be placed on the choice of carrier. Where the Supplier is required under Contract (a) to deliver the Goods FOB or FCA, and (b) to arrange on behalf and at the expense of the Purchaser for international transportation on specified carriers or on national flag carriers of the Purchaser's country, the Supplier may arrange for such transportation on alternative carriers if the specified or national flag carriers are not available to transport the Goods within the period(s) specified in the Contract.

13. Incidental Services

13.1 The Supplier may be required to provide any or all of the following services, including additional services, if any, **specified in SCC**:

- (a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;
- (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
- (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
- (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- (e) training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

13.2 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

14. Spare Parts

14.1 As **specified in SCC**, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

- (a) such spare parts as the Purchaser may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the Contract; and
- (b) in the event of termination of production of the spare parts:
 - (i) advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and
 - (ii) following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

15. Warranty

15.1 The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in

design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Purchaser's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.

- 15.2 This warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless **specified otherwise in SCC.**
- 15.3 The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty.
- 15.4 Upon receipt of such notice, the Supplier shall, within the period specified in notice or in SCC and with all reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the Purchaser.
- 15.5 If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in the notice or in SCC, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

16. Payment

- 16.1 The method and conditions of payment to be made to the Supplier under this Contract shall be **specified in SCC.**
- 16.2 The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by documents submitted pursuant to GCC Clause 10, and upon fulfillment of other obligations stipulated in the Contract.
- 16.3 Payments shall be made promptly by the Purchaser, **but in no case later than thirty (30) days** after submission of an invoice or claim by the Supplier.
- 16.4 The currency or currencies in which payment is made to the Supplier under this Contract shall be **specified in SCC** subject to the following general principle: payment will be made in the currency or currencies in which the payment has been requested in the Supplier's bid.
- 16.5 All payments shall be made in the currency or currencies

specified in the SCC pursuant to GCC 16.4.

- 17. Prices** 17.1 Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments **authorized in SCC** or in the Purchaser's request for bid validity extension, as the case may be.
- 18. Change Orders** 18.1 The Purchaser may at any time, by a written order given to the Supplier pursuant to GCC Clause 32, make changes within the general scope of the Contract in any one or more of the following:
- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
 - (b) the method of shipment or packing;
 - (c) the place of delivery; and/or
 - (d) the Services to be provided by the Supplier.
- 18.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Purchaser's change order.
- 19. Contract Amendments** 19.1 Subject to GCC Clause 18, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.
- 20. Assignment** 20.1 The Supplier shall not assign, in whole or in part, its obligations to perform under this Contract, except with the Purchaser's prior written consent.
- 21. Subcontracts** 21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the Supplier from any liability or obligation under the Contract.
- 21.2 Subcontracts must comply with the provisions of GCC Clause 3.

22. Delays in the Supplier's Performance

- 22.1 Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Purchaser in the Schedule of Requirements.
- 22.2 If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Director (DPIC) in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Director (DPIC) shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.
- 22.3 Except as provided under GCC Clause 25, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 23, unless an extension of time is agreed upon pursuant to GCC Clause 22.2 without the application of liquidated damages.

23. Liquidated Damages

- 23.1 Subject to GCC Clause 25, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage **specified in SCC**. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC Clause 24.

24. Termination for Default

- 24.1 The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part:
- (a) if the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 22; or
 - (b) if the Supplier fails to perform any other obligation(s) under the Contract.
 - (c) if the Supplier, in the judgment of the Purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this clause:

“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.

“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 Purchaser of the benefits of free and open competition.

24.2 In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 24.1, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

25. Force Majeure 25.1 Notwithstanding the provisions of GCC Clauses 22, 23, and 24, the Supplier 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 the Contract is the result of an event of Force Majeure.

25.2 For purposes of this clause, “Force Majeure” means an event beyond the control of the Supplier and not involving the Supplier’s fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

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

26. Termination for Insolvency 26.1 The Purchaser may at any time terminate the Contract by giving written notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of

action or remedy which has accrued or will accrue thereafter to the Purchaser.

**27. Termination
for
Convenience**

27.1 The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

27.2 The Goods that are complete and ready for shipment within thirty (30) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

- (a) to have any portion completed and delivered at the Contract terms and prices; and/or
- (b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Services and for materials and parts previously procured by the Supplier.

**28. Settlement of
Disputes**

28.1 If any dispute or difference of any kind whatsoever shall arise between the Purchaser and the Supplier in connection with or arising out of the Contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.

28.2 If the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.

28.2.1 Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.

28.2.2 Arbitration proceedings shall be conducted in accordance with the rules of procedure **specified in the SCC.**

28.3 Notwithstanding any reference to arbitration herein,

- (a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise

agree; and

- (b) the Purchaser shall pay the Supplier any monies due the Supplier.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct, and in the case of infringement pursuant to Clause 6,

- (a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and
- (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

30. Governing Language

30.1 The Contract shall be written in the language **specified in SCC**. Subject to GCC Clause 31, the version of the Contract written in the specified language shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.

31. Applicable Law

31.1 The Contract shall be interpreted in accordance with the laws of the Purchaser's country, unless otherwise **specified in SCC**.

32. Notices

32.1 Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or facsimile and confirmed in writing to the other party's address **specified in SCC**.

32.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

33. Taxes and Duties

33.1 A foreign Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's country and purchaser's country as **specified in SCC**.

33.2 A local Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

Section V.

Special Conditions of Contract

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SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

1. **Performance Security (GCC Clause 7)**

GCC 7.1—

- A. For goods offered from within Pakistan and abroad by the local agent by Pakistan:

the successful Bidder shall furnish the performance security @ 10% for the warranty period of one year of the value of Supply Order or Contract in shape of CDR or any bank instrument except bank guarantee in favour of Director (DPIC), UAF within Seven (07) days from the issuance of acceptance and 10% performance security letters from the Purchaser for permanent equipment. In case the amount of bid security is equal or greater than the value of the performance security, then the bidder shall not require to furnish the performance security separately.

- B. 2% CDR or any bank instrument except bank guarantee in favour of Director (DPIC) already received in lieu of earnest money in case of general type/consumable good(s) will be retained by the office for 3 month from the day of supply of the respective good(s) or fully consumed whichever is earlier.

2. **Inspection and Tests (GCC Clause 8)**

GCC 8.1- By the concerned purchaser in accordance with the specifications or samples or both as required.

3. The representative of the firm(s) shall present the Authority Letter from the respective firm in the tender opening meetings with them, failing which he will not allowed to sit in the said meeting

4. **Warranty (GCC Clause 15)**

GCC15.2&15.4: One year free of cost labour and material etc. at site from the date of commissioning of goods.

5. **Bid Prices (11.2 ITB)**

- a). **for goods offered from within Pakistan;**

the price shall be quoted on FOR UAF basis. (FOR means the price of goods quoted by the bidder shall be inclusive of all costs, expenses, charges, duties and taxes etc. whatsoever incidental to their delivery, installation and commissioning as the case may be at UAF site).

- b) **If the firm quoted the rates on CFR/CPT basis, the firm is bound to quote the FOR prices also**

- c) **for goods offered from abroad by the LOCAL AGENT:**

the price shall be quoted Cost and Freight (CFR), Carriage Paid to (Duty Paid) (CPT) Karachi seaport or Lahore/Faisalabad airport Pakistan, as the case may be. The bidder shall also add all cost expenses, charges, duties and taxes etc. whatsoever expect customs, incidental to delivery installation/commissioning of goods from the port of destination to UAF site. The bidder, in quoting the price, shall be free to use transportation in abroad except transit and means of transport through/of Israel. The LC at sight, as on Usance basis and Advance Payment will be governed as per following: -

i. LC AT SIGHT

The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note and CDR **within fortnight** in favor of Director (DPIC) as security equal to 100% amount of the goods to initiate the LC at sight.

ii. LC ON USANCE BASIS

In case the bidder, is unable to provide CDR in favor of Director (DPIC) as security equal to 100% amount of the goods to be imported, may chose this option and shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note **within fortnight** to initiate the LC on usance basis (minimum usance period 60 days from the date of Airway Bill **OR** 90 days from the date of Bill of Lading).

iii. ADVANCE PAYMENT

The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note and CDR **within fortnight** in favor of Director (DPIC) as security equal to 100% amount of the goods to be imported to proceed for advance payment to the exporter. However, this option will be had where the value of the goods to be imported is up to US \$ 10,000 or varied in accordance with the instructions of the State Bank of Pakistan and Pakistan Customs issued from time to time and remittance will also be made accordingly.

iv. OPEN ACCOUNT

In case the bidder has not opted for import through LC (at sight or Usance basis or advance payment) may opt this option and shall provide Performa Invoice of principal on CPT/CFR basis as per supply order **within fortnight**. However, remittance will be made maximum up to six months from the date of filing of Goods Declaration (GD) form or otherwise as per Foreign Exchange Manual of State Bank of Pakistan and Pakistan Customs or instruction issued in this regard from time to time.

v. CONTRACT / COLLECTION

In case the bidder has not opted the options referred to “i to iv” above and may opt for this option. The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order **within fortnight**. The minimum period for remittance will be 60 days from the date of Airway Bill **OR** 90 days from the date of Bill of Lading. However, remittance will be made as per Foreign Exchange Manual of State Bank of Pakistan and Pakistan Customs or instruction issued in this regard from time to time.

vi. INCIDENTAL CHARGES FOR IMPORT OF GOODS:

All charges (Inside/outside Pakistan) like insurance, LC/bank and clearance of consignment from port/custom authorities will be borne by the bidder.

vii. RELEASE OF CDR

In case of LC at sight and advance payment to exporter, the CDR equal to 100% amount of the shipment as security will be released by Director (DPIC) after receiving of satisfactory inspection/installation/ commissioning report from convener tender committee concerned.

viii. INITIATION OF REMITTANCE TO THE EXPORTER

In case of LC on usance basis, import on Open Account and Contract / Collection basis, the Director (DPIC) will initiate remittance through the concern bank to the exporter after receiving the satisfactory inspection/installation/commissioning report from the purchaser or the convener tender committee as the case may be.

DELIVERY PERIOD

After receiving the transmitted LC (at sight OR Usance Basis) OR swift acknowledgment against advance payment / proof of advance payment OR supply order on “Open Account” or “Contract / Collection” basis, the local supplier is responsible to provide complete set of shipping documents [i.e. Airway Bill/Seaway Bill/Bill of Lading, Commercial Invoice, Packing List, Country of Origin Certificate and any other document(s) related to shipment (if required) along with detail of bidder’s clearing agent for issuance of authority letter for clearance of consignment from port / custom authorities] ***within 6 weeks from the date of opening of LC (at sight or***

usage basis), advance payment and date of supply order for import of goods on “Open Account” or “Contract / Collection” basis. Moreover, after clearance of consignment by bidder from port / custom authorities, will deliver the consignment to the purchaser along with complete set of post shipment documents within 05 days from the date of Authority Letter. After expiry of the requisite period, firm will require to apply for extension in delivery period. However, after due scrutiny the Committee may extend the delivery period with liquidated damages as per applicable rate if the delay is on part of the bidder or without liquidated damages if the delay is on the part of the procuring agency or due to “force majeure”.

NOTE:
In case of late submission of Proforma Invoice, shipping documents and delivery of goods, difference of exchange rate on higher side as well as liquidated damages shall be recovered out of belongings of the bidders @ 0.67% of the value of the goods up to maximum 10% of the value of goods.

6. **Payment (GCC Clause 10& 16)**

The following documents to attached with invoice in addition all other documents:

- 1. Attested bill of entry will be provided in case of imported books.
- 2. Invoice of purchased books (photocopy) will be provided.
- 3. Publication year of the required book should be same as mentioned in the list.
- 4. Certificate of company attested i.e. Sale is made of imported items. The goods are sold in the same condition, as they were imported paid tax at import stage.

7. **Prices (GCC Clause 17)**

GCC17.1: The successful bidder(s) shall provide the price reasonability certificate to the effect that the rates quoted are reasonable in accordance with the market. If it is found at any stage, the quoted rates are higher than the market ones or the item(s) have been provided to any other Institute/Department etc at less rates than the quoted ones. The firm undertakes to refund the difference amount to the purchaser on demand.

8. **Change Orders (GCC Clause 18)**

Not applicable

9. **Liquidated Damages (GCC Clause 23)**

GCC 23.1—Applicable rate:
The liquidated damages, if imposed, will be recovered at the rate of upto0.67% of the value of goods supplied/installed/commission late per day or a part of a period exceeding the original delivery period, subject to the provision that the total liquidated damages thus imposed will not exceed 10% of the total value of the goods delivered/installed/commission late.

10. **Settlement of Disputes (GCC Clause 28)**

The settlement of dispute will be settled in accordance with mechanism for redresal of grievances and settlement of dispute as specified below:-

Complaints of bidder/contractor shall be disposed/settled by a committee and arbitration prior to the entry into force and after into force of procurement contract respectively. Accordingly, grievances committee with powers and terms of reference and method of arbitration are as under:-

A. **Grievances Committee:**

The committee comprises the following to address the complaints of the bidders prior to entry into force of the procurement contract:-

- | | | |
|------|--|-------------|
| i. | The Treasurer | (Convener) |
| ii. | Muhammad Umar Farooq, Librarian
Department of Library | (Member) |
| iii. | Resident Auditor or the Technical Expert(s) not | (Member) |
| iv. | The Director (DPIC) | (Secretary) |

Any bidder feeling aggrieved by any act of the procuring agency after the submission of his bid may lodge a written complaint concerning his grievances not later than 10 days after the announcement of the bid evaluation report under rule 37 of the UAF Procurement Rules 2014.

The committee shall address the complaints of bidders that may occur prior to the entry into force of the procurement contract. The committee shall investigate and decide upon the complaint within fifteen days of the receipt of the complaint. Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.

Any bidder not satisfied with the decision of the committee may lodge an appeal in the relevant court of jurisdiction.

B. Arbitration:

After coming into force of the procurement contract, all matters of dispute or difference except regarding rejection of goods by the Inspector under GCC clause 8 (Standard Bidding Document) or cancellation of the contract by the Purchaser, under GCC Clause 24 and 27 (Standard Bidding Document) arising out of the agreement between the parties thereto, the settlement of which is not otherwise specially provided for in contract agreement, shall be referred to arbitration as under:-

(a) Foreign Currency Contracts (CFR/CPT, etc.) made directly with Foreign Principal / Manufacturer

i. The dispute shall be referred for adjudication to two arbitrators one to be nominated by each party, who before entering upon the reference shall appoint an umpire by mutual agreement, and if they do not agree, a judge of the Superior Court will be requested to appoint the umpire. The arbitration proceedings shall be held in Pakistan and under Pakistan Law.

ii. The venue of arbitration shall be the place from which the contract is issued or such other places as the Purchaser at his discretion may determine.

iii. Arbitration award so given will be firm and final.

(b) Indigenous (FOR) contracts

The settlement of dispute, if not otherwise especially provided for in the contract shall be referred for the decision of Vice Chancellor, University of Agriculture, Faisalabad. His decision shall be final and binding on both the parties. The work under the contract shall if reasonably possible continue, under the proceedings before the Vice Chancellor and no account of such proceeding unless they are subject of the dispute.

Note:

- The arbitration award shall be recorded in writing.
- CFR/CPT, etc., contracts made through local agents would be dealt under sub para-B (b) above.

(c) Prior Notice for arbitration:

If the supplier intends to go for arbitration, he shall have to give 30 days notice in writing informing the purchaser of his intention to refer to the points of differences or dispute of arbitration. He shall have to define clearly the point of difference and or dispute in his notice.

C. Court Jurisdiction

Only the Courts at Faisalabad shall have exclusive jurisdiction to adjudicate upon any “lis” brought by either of the parties in relation to the contract.’

11. Applicable Law (GCC Clause 31)

GCC 31.1—UAF Procurement Rules 2014 and Laws governing in Pakistan

12. Notices (GCC Clause 32)

GCC 32.1: The Supplier shall provide address for notice purposes:

13. Taxes and Duties (GCC Clause 33)

14. Stamp Act

In accordance with the Stamp Act 1899 amended from time to time, the contractor shall require to affix stamp duty @ 25 paisa per hundred rupees on the value of the contract.

Section VI.

Schedule of Requirements

Schedule of Requirements

Number Description Quantity Delivery schedule:
Supply within 6 weeks

HEC LIBRARY SUPPORT PROGRAM, 2020-21 (COVID-19 Grant)

CAMPUS	SUBJECT	TITLE	AUTHOR	YEAR	COST
					<i>Estimated</i>
BUREWALA	Chemistry	A FRAGRANT INTRODUCTION TO TORPEDOED CHEMISTRY	Sell, C.S.	2003	11459.36
BUREWALA	Chemistry	A GUIDE BOOK TO MECHANISM IN ORGANIC CHEMISTRY	Sykes, P.	2009	9605.3
BUREWALA	Chemistry	A MICROSCALE APPROACH TO ORGANIC LABORATORY TECHNIQUES	Pavia, D.L., G.M. Lampman, G.S. Kriz and R.G. Engel	2013	17055.36
BUREWALA	Chemistry	A TEXTBOOK OF ORGANIC CHEMISTRY	Raza, A.M., A. Rehman and H.N. Bhatti	2016	480
BUREWALA	Chemistry	A TEXTBOOK OF PHYSICAL CHEMISTRY	Bhatti, H.N.	2017	5264
BUREWALA	Chemistry	A TEXTBOOK OF POLYMER SCIENCE	Bilmeyer, F.W.	2003	24214.455
BUREWALA	Chemistry	ADVANCED INORGANIC CHEMISTRY	Cotton, F.A. and G. Wilkinson	2007	27979
BUREWALA	Chemistry	ADVANCED ORGANIC CHEMISTRY	Bhatti, H.N.	2016	880
BUREWALA	Chemistry	ADVANCED ORGANIC CHEMISTRY	Francis, C.A. and R.G. Sundberg	2007	9008
BUREWALA	Chemistry	ADVANCED ORGANIC CHEMISTRY, REACTION, MECHANISM AND STRUCTURE	March, J.	2014	1007
BUREWALA	Computer	AN INTRODUCTION TO MACHINE LEARNING, VOL.2	Kubat, M	2017	10723.81
BUREWALA	Zoology	ANIMAL BEHAVIOR	Breed, M.D.	2008	10516.845
BUREWALA	Zoology	ANIMAL EVOLUTION: GENOMES, FOSSILS AND TREES	Telford, M.J. and D.T.J. Littlewood	2009	12096
BUREWALA	Zoology	AQUACULTURE, RESOURCE USE AND THE ENVIRONMENT	Boyd, C.E. and A.A. McNevin	2014	21054.6
BUREWALA	Zoology	AQUACULTURE: PRINCIPLES AND PRACTICES	Pillay, T.V.R. and M.N. Kutty	2007	19656
BUREWALA	Computer	ARTIFICIAL INTELLIGENCE IN PRACTICE	Marr, B., and M. Ward.	2019	6040.44
BUREWALA	Chemistry	ATMOSPHERIC CHEMISTRY	Richard, W. and M.A. Holloway	2010	4711.11
BUREWALA	Computer	BASRA(2019) GAME THEORY FOR NEXT GENERATION WIRELESS AND COMMUNICATION NETWORKS: MODELING, ANALYSIS, AND DESIGN	Zhu, H., D. Niyato, W. Saad, and T		10624.315
BUREWALA	Zoology	BEHAVIORAL APPROACHES TO CONSERVATION IN THE WILD	Janine, R.C. and R. Buchholz	2004	27085.76
BUREWALA	Food	BIOCHEMISTRY: LIPPINCOTT'S ILLUSTRATED REVIEWS	Ferrier, D. R.	2013	3101.11
BUREWALA	Literature	BUTT TAMIZIAN	Yunas Butt	2020	1000
BUREWALA	Chemistry	CAPILLARY ELECTROPHORESIS: THEORY AND PRACTICE	Camilleri, P.	1998	14374.205
BUREWALA	Zoology	CARP AND POND FISH CULTURE	Horvaph, L., G. Tanes and C. Seagrave	2002	24192
BUREWALA	Chemistry	CHROMATOGRAPHIC METHODS	Braitewaite, A. and F.J. Smith	1999	22522.26
BUREWALA	Chemistry	CHROMATOGRAPHY: CONCEPTS AND CONTRASTS	Miller, J.M.	2005	17274.6
BUREWALA	Agronomy	CLIMATE CHANGE AND CROP PRODUCTION	Reynolds M P	2017	8250.74
BUREWALA	Computer	COMPUTER SECURITY: ART AND SCIENCE	Bishop, M.	2018	15415.99
BUREWALA	Zoology	CONSERVATION BIOLOGY	Sodhi, N.S. and P.R. Ehrlich	2011	11037.6
BUREWALA	Zoology	CONSERVATION BIOLOGY: EVOLUTION IN ACTION	Carrol, S.P. and C.W. Fox	2008	9525.6

BUREWALA	Zoology	CONSERVATION OF WILDLIFE POPULATION (DEMOGRAPHY, GENETICS AND MANAGEMENT)	Mills, L.S.	2013	9828
BUREWALA	Computer	CRYPTOGRAPHY AND NETWORK SECURITY	Stallings, W.	2016	1624.775
BUREWALA	Computer	DATA MINING: THE TEXTBOOK	Aggarwal C. C.	2015	25002.24
BUREWALA	Chemistry	DESCRIPTIVE INORGANIC CHEMISTRY	Kathleen, A.H. and E.H. James	2010	1005
BUREWALA	Computer	DIGITAL IMAGE PROCESSING: AN ALGORITHMIC APPROACH	Joshi, M. A.	2018	616.2
BUREWALA	Zoology	ECOLOGY AND CONSERVATION OF FISHES	Tyus, H.M.	2011	14874.855
BUREWALA	Zoology	ECOLOGY OF FRESH WATERS	Moss, B.R.	2010	11340
BUREWALA	Chemistry	ELECTROANALYTICAL METHODS: GUIDE TO EXPERIMENTS AND APPLICATIONS	Fritz, S.	2010	16086.64
BUREWALA	Food	ELEMENTS OF FOOD AND NUTRITION	Awan, J.A	2017	240
BUREWALA	Chemistry	ENERGY, ENTROPY AND ENGINES: AN INTRODUCTION TO THERMODYNAMICS	Sanjeev Chandra	2016	13170.8
BUREWALA	Zoology	ESSENTIALS OF DEVELOPMENTAL BIOLOGY	Slack, J.M.W.	2006	15053.245
BUREWALA	Zoology	ESSENTIALS OF ECOLOGY	townsend, C.R., M. Begon and J.L. Harper	2008	24948
BUREWALA	Zoology	EVOLUTION	Ridley, M.	2004	11340
BUREWALA	Chemistry	EXPERIMENTAL PHYSICAL CHEMISTRY	Bhatti, H.N. and Z.H. Farooqi	2016	240
BUREWALA	Chemistry	EXPERIMENTAL PHYSICAL CHEMISTRY	Palmer, W.G.	2009	12832.65
BUREWALA	Agronomy	FARM MANAGEMENT	Kay et al.	2011	9225.53
BUREWALA	Zoology	FISH PHYSIOLOGY: HOMEOSTASIS AND TOXICOLOGY OF ESSENTIAL AND NON-ESSENTIAL METALS	Wood, C.M., A.P. Farrel and C.J. Brauner	2012	15259.105
BUREWALA	Food	FOOD ANALYSIS MANUAL	Awan, J.A. and S.U. Rehman	2018	136
BUREWALA	Food	FOOD CHEMISTRY	Belitz, H.D., W. Groschm and P. Schieberle	2013	17266.5
BUREWALA	Food	FOOD PLANT LAYOUT AND SANITATION	Awan, J.A. and S.U. Rehman	2010	240
BUREWALA	Food	FOOD PLANTS OF THE WORLD IDENTIFICATION CULINARY USES AND NUTRITIONAL VALUE (HB)	Canovas		10415.515
BUREWALA	Food	FOOD PRESERVATION MANUAL	Awan, J.A and S.U. Rehman	2018	160
BUREWALA	Food	FOOD TOXICOLOGY	Awan, J.A. and F.M. Anjum	2019	256
BUREWALA	Chemistry	FORENSIC ANALYTICAL TECHNIQUES	Stuart, H.B.	2013	9828
BUREWALA	Chemistry	FORENSIC SCIENCE	Jackson, A.R.W. and J.M. Jackson	2008	9786.565
BUREWALA	Zoology	FRESHWATER ECOLOGY: CONCEPT AND ENVIRONMENTAL APPLICATIONS OF LIMNOLOGY	Dodds, W.K. and M.R. Whiles	2010	20416.41
BUREWALA	Food	FRUIT AND VEGETABLE PROCESSING – IMPROVING QUALITY	Jongen, W. (ed.)	2002	1001
BUREWALA	Zoology	FUNDAMENTALS OF CONSERVATION BIOLOGY	Hunter, M.L.J. and J.P. Gibbs	2007	11922.115
BUREWALA	Chemistry	FUNDAMENTALS OF ELECTROANALYTICAL CHEMISTRY	Monk, P.M.S.	2001	18900
BUREWALA	Zoology	GENERAL AND APPLIED ICHTHYOLOGY (FISH AND FISHERIES)	Gupta, S. and P. Gupta	2013	1403.04
BUREWALA	Management	GIRL, STOP APOLOGIZING	Rachel Hollis	2019	3850
BUREWALA	Chemistry	HETEROCYCLIC CHEMISTRY	Joule, J.A.	2010	8316
BUREWALA	Computer	HUMAN-COMPUTER INTERACTION	Dix A., J. Finlay	2012	10874.16
BUREWALA	Zoology	INDUCED FISH BREEDING: A PRACTICAL GUIDE FOR HATCHERIES	Chattopadhyay, N.R.	2016	15785.345
BUREWALA	Chemistry	INDUSTRIAL MANAGEMENT: CONTROL AND PROFIT	Halevi, G.	2014	19661.81
BUREWALA	Computer	INFORMATION TECHNOLOGY PROJECT MANAGEMENT	Kathy Schwalbe, Course Technology		1317.72
BUREWALA	Chemistry	INORGANIC CHEMISTRY	Cathrine, E., Housecraft C. and A.G. Sharpe	2008	11457.275

BUREWALA	Chemistry	INORGANIC CHEMISTRY	Miessler, G.L. and D.A. Tarr	2010	11873.98
BUREWALA	Chemistry	INORGANIC STRUCTURAL CHEMISTRY	Muller, U.	2006	9029.435
BUREWALA	Entomology	INSECT BIODIVERSITY SCIENCE AND SOCIETY	Foottit,R.G and Adler,P.T.	2009	15655.5
BUREWALA	Zoology	INTEGRATED PRINCIPLES OF ZOOLOGY	Hickman, C.P., L.S. Roberts and A. Larson	2017	9882.16
BUREWALA	Computer	INTERNET OF THINGS (IOTA)	Khan, J.Y. and M.R. Yuce	2019	20301.82
BUREWALA	Chemistry	INTRODUCTION TO GREEN CHEMISTRY	Matalack, A.	2010	17501.57
BUREWALA	Literature	JANNAT KAY PATTAY	Nimra Ahmad	2004	1000
BUREWALA	Chemistry	LABORATORY MANUAL FOR PRINCIPLES OF GENERAL CHEMISTRY	Beran, J.A.	2014	21700
BUREWALA	Zoology	LIMNOLOGY: THE LAKE AND RIVER ECOSYSTEM	Wetzel, R.G.	2001	17291.13
BUREWALA	History	MAIN NE DHAKA DOOBTE DEKHA	Siddiq Salk		1000
BUREWALA	Literature	MAN O SALVA	Umaira Ahmad		1000
BUREWALA	Agronomy	MANUAL OF PLANT ECOLOGY	Hussain	2003	240
BUREWALA	Chemistry	MEDICINAL NATURAL PRODUCTS: A BIOSYNTHETIC APPROACH	Paul, M.D.	2009	9072
BUREWALA	Zoology	MOLECULAR BIOLOGY OF THE CELL	Alberts, B., A. Johnson, J. Lewis, M. Raff, K. Roberts and P. Walter	2013	26228.665
BUREWALA	Zoology	MOLECULAR CELL BIOLOGY	Lodisch, H.A., A. Berk and C.A. Kaiser	2012	14785.345
BUREWALA	Agronomy	MONSOON RAINS, GREAT RIVERS AND THE DEVELOPMENT OF FARMING CIVILIZATION IN ASIA	Clift P D	2021	13753
BUREWALA	Entomology	NATURAL ENEMIES: AN INTRODUCTION TO BIOLOGICAL CONTROL	Hajek A	2003	7290.235
BUREWALA	Literature	OLD MAN AND THE SEA	Ernest Hemingway		1054
BUREWALA	Chemistry	ORGANIC CHEMISTRY	Morison and Boyd	2011	15925
BUREWALA	Chemistry	ORGANIC CHEMISTRY	Solomon, T.W.G.	2014	8783.465
BUREWALA	Chemistry	ORGANIC CHEMISTRY	Robert, T.M. and N.B. Robert	1992	9008
BUREWALA	Chemistry	ORGANIC CHEMISTRY	Carey, F.A. and R.M. Giuliano	2013	7701.915
BUREWALA	Chemistry	ORGANIC CHEMISTRY	Loudan, M.	2009	11861.01
BUREWALA	Chemistry	ORGANIC CHEMISTRY	Smith, J.G.	2010	7883.83
BUREWALA	Chemistry	ORGANIC CHEMISTRY: STRUCTURE AND REACTIVITY	Seyhan, E.	2004	1002
BUREWALA	Chemistry	ORGANIC REACTIONS AND THIRD MECHANISM	Kalsi, P.S.	2010	1005
BUREWALA	Agronomy	PAKISTAN AGRICULTURE MANAGEMENT AND DEVELOPMENT	Qureshi et al	2006	480
BUREWALA	Zoology	PALEONTOLOGY: A PHILOSOPHICAL INTRODUCTION	Turnery, D.	2011	4790.01
BUREWALA	Zoology	PERSPECTIVE ON ANIMAL BEHAVIOR	Goodenough, J., B. McGuire and E. Jalcob	2010	24841.935
BUREWALA	Entomology	PESTICIDE APPLICATION METHODS	Mathws G.A	2002	29240.5
BUREWALA	Chemistry	PHYSICAL CHEMISTRY	Alberty, R.A. and Silvey	2002	12752.86
BUREWALA	Chemistry	PHYSICAL CHEMISTRY LABORATORY MANUAL	Bhatti, H.N. and Z.H. Farooqi	2016	280
BUREWALA	Chemistry	PHYSICAL CHEMISTRY: HOW CHEMISTRY WORKS	Kurt W. Kolasinski	2016	12096
BUREWALA	Chemistry	PRACTICAL HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY	Meyer, V.R.	2010	9788.69
BUREWALA	Chemistry	PRINCIPLES OF ANALYTICAL CHEMISTRY	Bhatti, H.N.	2017	1008.5
BUREWALA	Zoology	PRINCIPLES OF ANIMAL BEHAVIOR	Dugatkin, L.A.	2013	14364
BUREWALA	Chemistry	PRINCIPLES OF ENVIRONMENTAL CHEMISTRY	Bhatti, H.N. and S. Noreen	2017	320
BUREWALA	Chemistry	PRINCIPLES OF ORGANIC SYNTHESIS	Coxon, J.M. and R.O.C. Norman	1993	11724.3
BUREWALA	Chemistry	QUANTITATIVE CHEMICAL ANALYSIS	Harris, D.C.	2011	12011.17
BUREWALA	Management	RICH DAD, POOR DAD	Robert Kiyosaki and Sharon Lechter	2011	2259
BUREWALA	Entomology	SAMPLING AND MONITORING IN CROP PROTECTION	Binns, M.R.	2000	22185

BUREWALA	Food	SCIENTIFIC PRESENTATIONS	Awan, J.A	2009	240
BUREWALA	Zoology	SELECTION AND BREEDING PROGRAMS IN AQUACULTURE	Gjedrem, T.	2005	21047.705
BUREWALA	Management	SOMETHING FOR NOTHING	Brian Tracy	2004	3000
BUREWALA	Chemistry	STEREOCHEMISTRY	Morris, D.G.	2001	2891.195
BUREWALA	Chemistry	STRUCTURE AND MECHANISM IN ORGANIC CHEMISTRY	ingold, C.K.	2000	1000
BUREWALA	Chemistry	SYSTEMATICS ORGANIC ANALYSIS	Chughtai, F.A. and Z.H. Nazli	2010	800
BUREWALA	Management	TALEEMI KAMYABI	Arshad Javed	2009	300
BUREWALA	Chemistry	THE DISCONNECTION APPROACH	Warren, S. and P. Wyatt	2010	6804
BUREWALA	Zoology	THE FOUNDATIONS OF ETHOLOGY	Lorenz, K. and R.W. Kickert	2010	8557.525
BUREWALA	Entomology	THE NEW TAXONOMY	Wheeler,Q.D.	2008	16624.5
BUREWALA	Chemistry	THE ORGANOMETALLIC CHEMISTRY OF TRANSITION METALS	Crabtree, R.H.	2011	17380.44
BUREWALA	Zoology	THE WILDLIFE TECHNIQUES MANUAL VOL-2	Silvy, N.J.	2012	26452.44
BUREWALA	Chemistry	TOTAL QUALITY MANAGEMENT	Besterfield, D.H. and C.B. Michna	2011	1583.54
BUREWALA	Agronomy	TREES OF PAKISTAN: THIRD NATURAL HISTORY, CHARACTERISTICS AND UTILIZATION	Syed Riaz Baquar	2017	1600
BUREWALA	Food	UNDERSTANDING NUTRITION	Whitney, E. and S.R. Rolfes	2016	28418
BUREWALA	Chemistry	UNDERSTANDING PHYSICAL CHEMISTRY	Dor Ben-Amotz	2014	15178.74
BUREWALA	Food	UNIT OPERATIONS IN FOOD PROCESSING	Earle, R.L	2013	8557.525
BUREWALA	Zoology	URBAN WILDLIFE	Robert, M., A. Mooreman, P. Christopher and E. Nile	2014	17874.21
BUREWALA	Zoology	VERTEBRATE BIOLOGY	Linzey D.W.	2012	16632
BUREWALA	Chemistry	VOGEL'S TEXTBOOK OF QUANTITATIVE CHEMICAL ANALYSIS	Mendham, J., R.C. Denny, J.D. Branes, M. Thomas and B. Sivasankar	2000	1000
BUREWALA	Food	WASTE MANAGEMENT FOR THE FOOD INDUSTRIES	Spreer, E	2005	27624
BUREWALA	Zoology	WILDLIFE TOURISM, ENVIRONMENTAL LEARNING AND ETHICAL ENCOUNTERS (ECOLOGICAL AND CONSERVATION ASPECTS)	Bonges de Lima, I. and R.J. Green	2017	17266.71
BUREWALA	Management	ZERO TO ONE: NOTES ON STARTUPS	Peter Thiel	2014	1750
BUREWALA	Zoology	ZOOLOGY	Miller, S.A. and J.B. Harley	2016	6833.515
DEPALPUR	Soil	ADVANCES IN SOIL AND WATER CONSERVATION	Pierce	2020	11277.05
DEPALPUR	Soil	ADVANCES IN SOIL MICROBIOLOGY: RECENT TRENDS AND FUTURE PROSPECTS VOLUME.1: SOIL-MICROBE INTERACTION	Adhya	2018	20233.4
DEPALPUR	Chemistry	AE CHEMICAL PRINCIPLES, 8TH EDITION	Zumdahl	2018	52438.05
DEPALPUR	Plant	ANALYSIS OF GENES AND GENOMES	Reece	2004	12056.31
DEPALPUR	Entomology	ANALYSIS OF PESTICIDES IN FOOD AND ENVIRONMENTAL SAMPLES	Tadeo	2021	8815.89
DEPALPUR	Zoology	ANIMAL DIVERSITY, 9TH ED	Hickman	2021	8032.5
DEPALPUR	Plant	APPLIED PLANT VIROLOGY	Wilson	2014	9378.44
DEPALPUR	Chemistry	ATMOSPHERIC CHEMISTRY AND PHYSICS: FROM AIR POLLUTION TO CLIMATE CHANGE, 3RD ED	Seinfeld	2016	23211.09
DEPALPUR	Entomology	BIOAEROSOLS HANDBOOK	Cox	2020	8815.89
DEPALPUR	Soil	BIOCHAR FROM BIOMASS AND WASTE: FUNDAMENTALS AND APPLICATIONS	Yong Ok	2018	17860.5
DEPALPUR	Chemistry	BIOCHEMISTRY, 9TH ED	Berg	2019	16621.28
DEPALPUR	Soil	BIOGEOCHEMISTRY: AN ANALYSIS OF GLOBAL CHANGE, 4TH ED	Schlesinger	2020	19349.82
DEPALPUR	Plant	BIOINFORMATICS BASICS: APPLICATIONS IN BIOLOGICAL SCIENCE AND MEDICINE 2ND ED	Rashidi	2019	11688.55

DEPALPUR	Plant	BIOINFORMATICS: A PRACTICAL GUIDE TO THE ANALYSIS OF GENES AND PROTEINS, 3RD ED	Baxevanis	2004	20383.65
DEPALPUR	Literature	BUTT TAMIZIAN	Yunas Butt	2020	1000
DEPALPUR	Zoology	CAMPBELL BIOLOGY CONCEPTS & CONNECTIONS, 9TH GLOBAL ED	Taylor	2019	12615.71
DEPALPUR	Entomology	CHEMICAL ECOLOGY OF INSECTS APPLICATIONS AND ASSOCIATIONS WITH PLANTS AND MICROBES	Tabata	2021	8815.89
DEPALPUR	Chemistry	CHEMISTRY: A MOLECULAR APPROACH GLOBAL EDITION	Tro	2020	12172.97
DEPALPUR	Agriculture	COMMUNICATION FOR RURAL INNOVATION: RETHINKING AGRICULTURAL EXTENSION	Leeuwis	2004	15144.57
DEPALPUR	Physics	COMPUTATIONAL PHYSICS: PROBLEM SOLVING WITH PYTHON, 3RD ED	Landau	2015	18597.6
DEPALPUR	Plant	CONCEPTS OF GENETICS 12 ED	Klug	2020	12837.09
DEPALPUR	Soil	CONTROLLED RELEASE FERTILIZERS FOR SUSTAINABLE AGRICULTURE	Lewu	2020	18605.16
DEPALPUR	Plant	COTTON FIBERS: DEVELOPMENTAL BIOLOGY, QUALITY IMPROVEMENT, AND TEXTILE PROCESSING	Basra	2008	13738.21
DEPALPUR	Plant	CROP RESPONSES TO ENVIRONMENT ADAPTING TO GLOBAL CLIMATE CHANGE 2ND ED	Hall	2021	8815.89
DEPALPUR	Soil	DETECTING MINERAL NUTRIENT DEFICIENCIES IN TROPICAL AND TEMPERATE CROP	Plucknett	2020	7586.62
DEPALPUR	Plant	DETECTION AND DIAGNOSTICS OF PLANT PATHOGENS	Gullino	2014	20233.4
DEPALPUR	Entomology	ECOLOGICAL COMMUNITIES PLANT MEDIATION IN INDIRECT INTERACTION EBBS	Ohgushi	2012	11123.39
DEPALPUR	Entomology	ECOLOGICAL ECONOMICS SUSTAINABILITY IN PRACTICE	Shmelev	2012	10549.07
DEPALPUR	Entomology	ECOLOGY OF INSECTS: CONCEPTS AND APPLICATIONS	Watt	2008	18597.6
DEPALPUR	Zoology	ECOSYSTEM APPROACHES TO FISHERIES A GLOBAL PERSPECTIVE	Christensen	2011	20504.44
DEPALPUR	Physics	ELECTRONIC DEVICES CONVENTIONAL CURRENT VERSION, 10TH GLOBAL ED	Floyd	2018	13501.21
DEPALPUR	Horticulture	ENVIRONMENTAL HORTICULTURE SCIENCE AND MANAGEMENT OF GREEN LANDSCAPES	Cameron	2016	9815.98
DEPALPUR	Entomology	EVALUATING INDIRECT ECOLOGICAL EFFECTS OF BIOLOGICAL CONTROL	Wajnberg	2000	24036.01
DEPALPUR	Entomology	EVOLUTIONARY ANALYSIS, 5TH ED GLOBAL ED	Herron	2015	15050.83
DEPALPUR	Soil	FUNDAMENTALS OF SOIL ECOLOGY, 3RD ED	Coleman	2017	14876.19
DEPALPUR	Plant	FUNGAL DISEASE RESISTANCE IN PLANTS FOOD PRODUCT	Punja	2008	9636.28
DEPALPUR	Plant	FUNGAL PLANT PATHOGENS	Lane	2012	9214.37
DEPALPUR	Plant	GENE CLONING AND DNA ANALYSIS: AN INTRODUCTION, 8TH ED	Brown	2020	10412.01
DEPALPUR	Plant	GENETIC MODIFICATION OF PLANTS	Kempken	2010	56132.87
DEPALPUR	Plant	GENETICS ANALYSIS OF GENES AND GENOMES WITH ONLINE ACCESS, 9TH ED	Hartl	2019	22113
DEPALPUR	Plant	GENOME MAPPING AND MOLECULAR BREEDING IN PLANTS: FRUITS AND NUTS	Kole	2007	10852.97
DEPALPUR	Management	GIRL, STOP APOLOGIZING	Rachel Hollis	2019	3850
DEPALPUR	Entomology	GREEN PESTICIDES HANDBOOK ESSENTIAL OILS FOR PEST CONTROL	Nollet	2019	15378.98
DEPALPUR	Physics	HALLIDAY AND RESNICK'S PRINCIPLES OF PHYSICS, 11TH EDITION, GLOBAL EDITION	Halliday	2020	10417.68
DEPALPUR	Plant	HANDBOOK OF FORMULAS AND SOFTWARE FOR PLANT GENETICISTS AND BREEDERS	Kang	2008	9636.28
DEPALPUR	Plant	I GENETICS A MOLECULAR	Russell	2013	13943.96

		APPROACH, 3RD GLOBAL ED			
DEPALPUR	Soil	INORGANIC CONSTITUENTS IN SOIL: BASICS AND VISUALS	Nanzyo	2018	8797.23
DEPALPUR	Entomology	INSECT BEHAVIOR, 2ND ED	Matthews	2010	14955.51
DEPALPUR	Entomology	INSECT COLLECTION AND IDENTIFICATION TECHNIQUES FOR THE FIELD AND LABORATORY, 2ND ED	Gibb	2020	14876.19
DEPALPUR	Entomology	INSECT METAMORPHOSIS FROM NATURAL HISTORY FROM NATURAL HISTORY TO REGULATION OF DEVELOPMENT AND EVOLUTION	Bellers	2020	17860.5
DEPALPUR	Horticulture	INSECT PESTS OF POTATO	Giordanengo	2012	18597.6
DEPALPUR	Entomology	INSECT REPELLENTS HANDBOOK, 2ND ED	Debboun	2020	8815.89
DEPALPUR	Entomology	INSECT RESISTANCE MANAGEMENT BIOLOGY, ECONOMICS, AND REDACTION, 2ND ED	Onstad	2013	20499.23
DEPALPUR	Entomology	INSECT-BORNE DISEASES IN THE 21ST CENTURY	Nicoletti	2020	17860.5
DEPALPUR	Plant	INTEGRATED PEST AND DISEASE MANAGEMENT IN GREENHOUSE CROPS	Gullino	2020	21113.79
DEPALPUR	Horticulture	INTEGRATED VIEW OF FRUIT AND VEGETABLE QUALITY	Shewfelt	2019	8180.42
DEPALPUR	Zoology	INTEGRATING BIOLOGICAL CONTROL INTO CONSERVATION PRACTICE	Driesche	2016	19349.82
DEPALPUR	Agriculture	INTERVIEWING PRINCIPLES AND PRACTICES, 15TH ED	Stewart	2018	7159.32
DEPALPUR	Plant	INTRODUCTION TO POPULATION BIOLOGY, 2ND ED	Neal	2018	8940.91
DEPALPUR	Zoology	INTRODUCTORY STATISTICS, 10TH GLOBAL EDITION	Weiss	2016	12837.09
DEPALPUR	Literature	JANNAT KAY PATTAY	Nimra Ahmad	2004	1000
DEPALPUR	Zoology	KARP'S CELL BIOLOGY 8TH GLOBAL ED	Iwasa	2016	9374.4
DEPALPUR	Plant	LABORATORY TECHNIQUES IN PLANT BACTERIOLOGY	Borkar	2021	6336.51
DEPALPUR	Soil	LAND AND SOIL MANAGEMENT	Sfeir-Younis	2020	7586.62
DEPALPUR	Biochemistry	LEHNINGER PRINCIPLES OF BIOCHEMISTRY, 8TH EDITION	David L. Nelson	2021	14000
DEPALPUR	Chemistry	MACROSCALE AND MICROSCALE ORGANIC EXPERIMENTS, 7TH EDITION	Williamson	2017	20969.55
DEPALPUR	History	MAIN NE DHAKA DOOBTE DEKHA	Siddiq Salk		1000
DEPALPUR	Literature	MAN O SALVA	Umaira Ahmad		1000
DEPALPUR	Soil	MANAGEMENT OF SOIL PROBLEMS	Osman	2018	14955.51
DEPALPUR	Soil	MANAGING NITROGEN FOR CROP PRODUCTION	Scharf	2020	4466.07
DEPALPUR	Soil	MANAGING SOIL QUALITY CHALLENGES IN MODERN AGRICULTURE	Schjonning	2004	94281.88
DEPALPUR	Zoology	MARINE FISHERIES ECOLOGY	Jennings	2001	19013.4
DEPALPUR	Soil	METHODS OF SOIL ENZYMOLOGY	Dick	2020	17860.5
DEPALPUR	Soil	MODERN SOIL MICROBIOLOGY, 3RD ED	Elsas	2021	8815.89
DEPALPUR	Plant	MOLECULAR CELL BIOLOGY 9TH ED	Lodish	2021	15382.71
DEPALPUR	Plant	MOLECULAR HOST PLANT RESISTANCE TO PESTS	Sadasivam	2003	11688.55
DEPALPUR	Plant	MOLECULAR MARKER SYSTEMS IN PLANT BREEDING AND CROP IMPROVEMENT	Lorz	2005	29913.25
DEPALPUR	Plant	MOLECULAR METHODS IN PLANT DISEASE DIAGNOSTICS PRINCIPLES AND PROTOCOLS	Boonham	2016	20582.57
DEPALPUR	Soil	NATURE AND PROPERTIES OF SOILS, 15TH GLOBAL EDITION	Brady	2017	12837.09
DEPALPUR	Literature	OLD MAN AND THE SEA	Ernest Hemingway		1054
DEPALPUR	Horticulture	PEPPERS: BOTANY, PRODUCTION AND USES	Russo	2012	21791.01
DEPALPUR	Horticulture	PESTS OF ORNAMENTAL TREES, SHRUBS AND FLOWERS, 2ND ED	Alford	2018	9636.28
DEPALPUR	Plant	PICTORIAL ATLAS OF SOIL BORNE FUNGAL PLANT PATHOGENS AND	Watanabe	2021	6172.43

		DISEASES			
DEPALPUR	Plant	PLANT EVOLUTION AND THE ORIGIN OF CROP SPECIES 3RD ED	Hancock	2014	9214.37
DEPALPUR	Horticulture	PRINCIPLES AND METHODS IN LANDSCAPE ECOLOGY	Farina	2006	13194.72
DEPALPUR	Plant	PRINCIPLES OF GENE MANIPULATION AND GENOMICS, 7TH ED.	Primrose	2006	20130.39
DEPALPUR	Plant	PRINCIPLES OF GENETICS, 7TH ED	Snustad	2015	14430.15
DEPALPUR	Chemistry	QUANTITATIVE CHEMICAL ANALYSIS, 10TH ED	Harris	2020	14075.12
DEPALPUR	Plant	QUANTITATIVE TRAIT LOCI: METHODS AND PROTOCOLS	Camp	2002	25513.52
DEPALPUR	Management	RICH DAD, POOR DAD	Robert Kiyosaki and Sharon Lechter	2011	2259
DEPALPUR	Soil	ROOT FEEDERS AND ECOSYSTEM PERSPECTIVE	Johnson	2008	22903.09
DEPALPUR	Chemistry	SAFETY-SCALE LABORATORY EXPERIMENTS FOR CHEMISTRY FOR TODAY, 9TH EDITION	Seager	2018	17482.5
DEPALPUR	Horticulture	SAFFRON PRODUCTION AND PROCESSING	Kafi	2006	12917.82
DEPALPUR	Entomology	SAMPLING AND MONITORING IN CROP PROTECTION THE THEORETICAL BASIS FOR DESIGNING PRACTICAL DECISION GUIDES	Binns	2000	26392.99
DEPALPUR	Soil	SOIL AND CLIMATE: ADVANCES IN SOIL SCIENCE	Rattan Lal	2021	8815.89
DEPALPUR	Soil	SOIL CHEMISTRY, 5TH ED	Strawn	2020	8185.59
DEPALPUR	Soil	SOIL CLASSIFICATION: A GLOBAL DESK REFERENCE	Eswaran	2019	11277.05
DEPALPUR	Soil	SOIL EROSION AND CARBON DYNAMICS	Roose	2020	8815.89
DEPALPUR	Soil	SOIL EROSION AND CONSERVATION, 3RD ED	Morgan	2005	15628.41
DEPALPUR	Soil	SOIL FERTILITY, 2ND ED	Ellis	2020	11277.05
DEPALPUR	Soil	SOIL HEALTH	Giri	2020	21113.79
DEPALPUR	Soil	SOIL MICROBIOLOGY, 3RD ED	Tate Iii	2020	19342.26
DEPALPUR	Soil	SOIL REMEDIATION: APPLICATIONS AND NEW TECHNOLOGIES	Albergaria	2021	8815.89
DEPALPUR	Soil	SOIL-BASED WASTEWATER TREATMENT	Amador	2020	13396.32
DEPALPUR	Soil	SOILLESS CULTURE: THEORY AND PRACTICE, 2ND ED	Raviv	2019	21581.91
DEPALPUR	Soil	SOILS AND ENVIRONMENTAL QUALITY, 3RD ED	Pierzynski	2005	18457.38
DEPALPUR	Soil	SOILS: GENESIS AND GEOMORPHOLOGY, 2ND ED	Schaetzl	2015	13084.51
DEPALPUR	Management	SOMETHING FOR NOTHING	Brian Tracy	2004	3000
DEPALPUR	Horticulture	SPATIAL DATA ANALYSIS IN ECOLOGY AND AGRICULTURE USING R	Plant	2020	6172.43
DEPALPUR	Management	TALEEMI KAMYABI	Arshad Javed	2009	300
DEPALPUR	Horticulture	THE PLANTING DESIGN HANDBOOK	Robinson, N.	2016	6745.4
DEPALPUR	Physics	THOMAS' CALCULUS, 14TH ED	Hass	2020	1998.38
DEPALPUR	Entomology	URBAN LANDSCAPE ENTOMOLOGY	Held	2019	14876.19
DEPALPUR	Entomology	URBAN PEST CONTROL A PRACTITIONER'S GUIDE	Dhang	2018	4359.77
DEPALPUR	Horticulture	VEGETABLE PRODUCTION AND PRACTICES	Welbaum	2015	9815.98
DEPALPUR	Horticulture	VEGETABLE SEED PRODUCTION, 3RD ED	George	2013	7633.5
DEPALPUR	Entomology	WASPS: THE ASTONISHING DIVERSITY OF A MISUNDERSTOOD INSECT	Eaton	2021	5518.8
DEPALPUR	Zoology	WILDLIFE ECOLOGY, CONSERVATION AND MANAGEMENT, 3RD ED	Fryxell	2014	15917.58
DEPALPUR	Management	ZERO TO ONE: NOTES ON STARTUPS	Peter Thiel	2014	1750
DEPALPUR	Zoology	ZOOLOGY 10TH ED	Miller	2016	8404.83
MAIN	Management	21 LESSONS FOR THE 21ST CENTURY	Yuval Noah Harari		895
MAIN	Management	4 ESSENTIAL KEYS TO EFFECTIVE COMMUNICATION IN LOVE, LIFE, WORK--ANYWHERE			3162
MAIN	Management	5 AM CLUB	Robin Sharma		800

MAIN	Management	7 HABITS OF HIGHLY EFFECTIVE PEOPLE	Stephen Covey		2223
MAIN	Computer	ADVANCED ALGORITHMS AND DATA STRUCTURES	Rocca, M.O.	2021	9261
MAIN	Physics	ADVANCES IN ATOMIC, MOLECULAR AND OPTICAL PHYSICS	Dimauro, LF.	2021	38745
MAIN	Computer	ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING, SPRINGER, SINGAPORE.	Debnath, B.	2022	41391
MAIN	Literature	ALCHEMIST	Paulo Coelho		4750
MAIN	Literature	ALICE'S ADVENTURES IN WONDERLAND	Lewis Carroll		200
MAIN	Computer	AN ELEMENTARY APPROACH TO DESIGN AND ANALYSIS OF ALGORITHMS.	Vermani, L.L.	2019	20223
MAIN	Physics	APPLICATIONS OF PLASMA TECHNOLOGIES TO MATERIAL PROCESSING	Speranza, G.	2021	2835
MAIN	Agriculture	APPLIED MOLECULAR BIOTECHNOLOGY: NEXT GENERATION ...	Iqrar Ahmad Khan & M. Sarwar Khan	2016	11119.2
MAIN	Computer	ARTIFICIAL INTELLIGENCE AND EXPERT SYSTEMS. STYLUS PUBLISHING LLC, VIRGINIA, USA	Gupta, I.	2020	6048
MAIN	Management	ATOMIC HABITS: TINY CHANGES, REMARKABLE RESULTS	James Clear		600
MAIN	Physics	ATOMIC PHYSICS	Ewart, P.	2019	11330.55
MAIN	Physics	ATOMIC SPECTROSCOPY	Rajappan, N.K.P.	2019	18966
MAIN	Physics	ATOMS, MOLECULES AND PHOTONS	Wolfgang, D.	2018	19467
MAIN	Management	ATTITUDE IS EVERYTHING: CHANGE YOUR ATTITUDE, CHANGE YOUR LIFE	Jeff Keller		526
MAIN	Physics	BASICS OF LASER PHYSICS	Karl, F.R.	2017	7560
MAIN	Literature	BUTT TAMIZIAN (2 Copies)	Yunas Butt	2020	2000
MAIN	Management	CAREER COUNSELLING	Linda A. Hill and Robert Nathan		23936
MAIN	Management	CAREER COUNSELLING	Mark Savickas		4391
MAIN	Management	CAREER COUNSELLING: A HOLISTIC APPROACH	Vernon G Zunker		6151
MAIN	Management	CAREER DEVELOPMENT AND COUNSELLING: PUTTING THEORY AND RESEARCH TO WORK	Steven D. Brow		16244
MAIN	Physics	CHARACTERIZATION OF MINERALS, METALS, AND MATERIALS	Moser, A.	2021	29814
MAIN	Literature	CHARLIE AND THE CHOCOLATE FACTORY	Roald Dahl		1186
MAIN	Agriculture	CITRUS, GENETICS, BREEDING AND BIOTECHNOLOGY (3 Copies)	Iqrar Ahmad Khan	2007	54416.13
MAIN	Physics	CLASSICAL ELECTRODYNAMICS	Schwinger, J.	2019	17955
MAIN	Computer	CLOUD COMPUTING: CONCEPTS AND TECHNOLOGIES	Manvi, S.	2021	10773
MAIN	Computer	CLOUD COMPUTING: MASTER THE CONCEPTS, ARCHITECTURE AND APPLICATIONS WITH REAL-WORLD EXAMPLES AND CASE STUDIES	Hiran, K.K.	2019	4715.55
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MAIN	Computer	COMPONENT-BASED SOFTWARE ENGINEERING: METHODS AND METRICS	Tiwari, U.K	2020	23436
MAIN	Computer	COMPUTER SYSTEMS ARCHITECTURE.	Yadin, A.	2020	8316
MAIN	Management	CRUCIAL CONVERSATIONS: TOOLS FOR TALKING WHEN STAKES ARE HIGH,	Kerry Patterson, Joseph		4266
MAIN	General	CSS SUCCESS GUIDE	Khalid Mehmood Dogar	2021	650
MAIN	Physics	CURRENT TRENDS IN ATOMIC PHYSICS	Browaeys, A.	2019	12096
MAIN	Management	DESIGNING YOUR LIFE	Bill Burnett and Dave Evans		1383
MAIN	Agriculture	DEVELOPING SUSTAINABLE AGRICULTURE IN PAKISTAN (2 Copies)	Iqrar Ahmad Khan	2018	13659.5
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MAIN	Physics	ELECTROMAGNETICS	Rothwell, E.J.	2018	9261
MAIN	Literature	FIFTY SHADES OF GREY	E L James		1404
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MAIN	Physics	FUNDAMENTALS OF MATERIALS SCIENCE AND ENGINEERING: AN INTEGRATED APPROACH	Callister, W.D.	2020	23058
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MAIN	Physics	HANDBOOK OF OPTOELECTRONIC DEVICE MODELLING AND SIMULATION FUNDAMENTALS, MATERIALS, NANOSTRUCTURES, LEDS, AND AMPLIFIERS	Piprek, J.	2017	51597
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PARS	English	GREEK AND ROMAN COMEDY	O'bryhim	2001	5206.72
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T. T. SINGH	Nutrition	APPLIED NUTRITION, 2ND ED.	S.Rawat		50160
T. T. SINGH	Chemistry	ATKINS PHYSICAL CHEMISTRY	Atkins, P and J. Paula	2013	11725
T. T. SINGH	Poultry	AVIAN NUTRITION: POULTRY, RATITE AND TAMED BIRDS.	Pathak, N	2020	17600
T. T. SINGH	Poultry	AVIAN POULTRY PRODUCTION: 2ND REVISED AND ENLARGED EDITION	Sapcota, D., D Narahari and J D Mahanta		5280
T. T. SINGH	Poultry	AVIAN REPRODUCTION: FROM BEHAVIOR TO MOLECULES.	Sasanami, T.	2017	24640
T. T. SINGH	Biochemistry	BASIC CLINICAL LABORATORY TECHNIQUES	Estridge, B.H. and A.P. Reynolds	2012	20125
T. T. SINGH	Biochemistry	BIOCATALYSTS AND ENZYME TECHNOLOGY	Buchholz, K., V. Kasche and U.T. Bornscheuer	2012	19425
T. T. SINGH	Biochemistry	BIOCHEMISTRY	Stryer, L.	2012	18375
T. T. SINGH	Biochemistry	BIOLOGICAL SAFETY: PRINCIPLES AND PRACTICES	Dawn, P.W., K.B. Byers.	2017	25025
T. T. SINGH	Poultry	BIOLOGY OF DOMESTIC ANIMALS	Scanes, C. G., and R. A. Hill.	2017	2288
T. T. SINGH	Chemistry	BIOS INSTANT NOTES IN ANALYTICAL CHEMISTRY	Kealey, D and P. L Haines	2012	7875
T. T. SINGH	Poultry	BROILER SIGNALS: A PRACTICAL GUIDE FOR BROILER FOCUSED MANAGEMENT	Koos Van Middelkoop Maarten De Gussem	2013	17600
T. T. SINGH	Literature	BUTT TAMIZIAN	Yunas Butt	2020	1000
T. T. SINGH	Chemistry	CHEMICALS PRINCIPLES	Atkins, P. and L. Jones	2010	48825
T. T. SINGH	Chemistry	CHROMATOGRAPHY: CONCEPTS AND CONTRASTS	Miller, J.M.	2005	16800
T. T. SINGH	Biochemistry	CLINICAL BIOCHEMISTRY AND METABOLIC MEDICINE	Crook, M. A.	2012	11025
T. T. SINGH	Biochemistry	CLINICAL CHEMISTRY: TECHNIQUES, PRINCIPLES, CORRELATIONS	Bishop, M. L.,	2010	15000
T. T. SINGH	Poultry	COMMERCIAL CHICKEN MEAT AND EGG PRODUCTION	Bell, D.D. and W.D. Weaver.	2007	43120
T. T. SINGH	Business	ECONOMY OF PAKISTAN, 1ST EDITION. INDEPENDENTLY PUBLISHED PAKISTAN.	Kushnir, I.	2019	880
T. T. SINGH	Chemistry	ELECTROANALYTICAL METHODS: GUIDE TO EXPERIMENTS AND APPLICATIONS	Fritz, S.	2010	16100
T. T. SINGH	Nutrition	ELEMENTS OF FOOD AND NUTRITION	J.A Awan		320
T. T. SINGH	Poultry	ENCYCLOPEDIA OF BROILER BREEDER PRODUCTION , FEEDING AND MANAGEMENT TECHNIQUES (POULTRY FARMING AND FEED FORMULATIONS)	Michael Youn	2016	52624
T. T. SINGH	Chemistry	ENERGY, ENTROPY AND ENGINES: AN INTRODUCTION TO THERMODYNAMICS	Sanjeev Chandra	2016	14700
T. T. SINGH	Biochemistry	ENZYME TECHNOLOGY	Prasad, N.K.	2011	5075
T. T. SINGH	Nutrition	ESSENTIALS OF HUMAN NUTRITION, 5TH ED.	J.Man and A.S Truswell		4400
T. T. SINGH	Biochemistry	ESSENTIALS OF MEDICAL BIOCHEMISTRY VOL-I	Mushtaq Ahmed	2011	1000
T. T. SINGH	Biochemistry	ESSENTIALS OF MEDICAL BIOCHEMISTRY VOL-II	Mushtaq Ahmed	2011	1000

T. T. SINGH	Chemistry	ESSENTIALS OF ORGANIC CHEMISTRY	Bruice, P.	2013	33600
T. T. SINGH	Chemistry	EXPERIMENTAL PHYSICAL CHEMISTRY	Palmer, W.G.	2009	15923
T. T. SINGH	Biochemistry	FERMENTATION MICROBIOLOGY AND BIOTECHNOLOGY	Allman, A.R.	2011	2275
T. T. SINGH	Business	FINANCIAL MANAGEMENT PRACTICES IN PAKISTAN. MULTI-AUTHOR BOOK, 1ST EDITION, UNIVERSITY OF AGRICULTURE, FAISALABAD	Hamid, K. and Zia, MY	2019	1056
T. T. SINGH	Business	FINANCIAL MANAGEMENT; PRINCIPLES AND APPLICATIONS, 13TH EDITION. PEARSON EDUCATION, LONDON, UK	Titman, S. Keown, A.J. and Martin, J. D.	2017	20240
T. T. SINGH	Chemistry	FLAVONOIDS: CHEMISTRY, BIOCHEMISTRY AND APPLICATIONS	Oyvind, M. A. and R.M. Kenneth.	2010	65100
T. T. SINGH	Nutrition	FOOD ANALYSIS MANUAL, 4TH ED.	J.A Awan& S.U Rehman	2017	160
T. T. SINGH	Nutrition	FOOD MICROBIOLOGY :AN INTRODUCTION, 4TH ED.	T.J Montville , K.R Mathws and K.E Kniel		17952
T. T. SINGH	Nutrition	FOOD MICROBIOLOGY, 7TH ED.	M.R Adams , M.O.Moss and P.Mcclure		5966.4
T. T. SINGH	Nutrition	FOOD PRESERVATION MANUAL, 3RD ED.,	J.A Awan& S.U Rehman		4400
T. T. SINGH	Nutrition	FOOD PROCESSING AND PRESERVATION	J.A Awan	2011	300
T. T. SINGH	Nutrition	FOOD PROCESSING HANDBOOK,2ND ED.	JG.Brennan		74800
T. T. SINGH	Nutrition	FOOD PROCESSING TECHNOLOGY, 4THD	P.J Fellow		12657.92
T. T. SINGH	Nutrition	FOOD SAFETY MANAGEMENT : A PRACTICAL GUIDE FOR THE FOOD INDUSTRY	Y.Motarjemi and H.Lelieveld		24632
T. T. SINGH	Nutrition	FOOD SCIENCE AND TECHNOLOGY	J.A Awan& S.U Rehman	2011	300
T. T. SINGH	Nutrition	FOOD SCIENCE, 5TH ED.,	N.N.Potter & J.H.Hotchkiss	2020	5811.52
T. T. SINGH	Chemistry	FUNDAMENTALS OF ANALYTICAL CHEMISTRY	Skoog, D. A., P.M West, F.J. Holler and S.R. Crouch	2013	17850
T. T. SINGH	Biochemistry	FUNDAMENTALS OF BIOCHEMISTRY	Voet, D., J.G. Voet and C.W. Pratt	2013	8050
T. T. SINGH	Chemistry	FUNDAMENTALS OF ENVIRONMENTAL CHEMISTRY	Manahan, S.E.	2012	1176
T. T. SINGH	Nutrition	FUNDAMENTALS OF FOOD MICROBIOLOGY, 5TH ED.	B.Ray and A.Bhunia		16864.32
T. T. SINGH	Biochemistry	GENE CLONING AND DNA ANALYSIS	Brown, T.	2016	2275
T. T. SINGH	Animal	GENETIC ENGINEERING IN LIVESTOCK-NEW APPLICATIONS AND INTERDISCIPLINARY PERSPECTIVES. SPRINGER-VERILOG BERLIN HEIDELBERG, GERMANY	Engelhard, M., K. Hagen and M. Boysen (Eds.).	2009	86064
T. T. SINGH	Animal	GENETICS OF POPULATIONS, 4TH ED.	Philip W. Hedrick	2010	55440
T. T. SINGH	Animal	GENETICS: ANALYSIS OF GENES AND GENOMES, 7TH ED.	Hartl, L. 2009	2009	52096
T. T. SINGH	Animal	GENETICS–A CONCEPTUAL APPROACH. 4TH ED	Pierce, B.A	2012	41360
T. T. SINGH	Management	GIRL, STOP APOLOGIZING	Rachel Hollis	2019	3850
T. T. SINGH	Nutrition	GLOBAL FOOD SECURITY : EMERGING ISSUES AND ECONOMIC IMPLICATIONS	A. Munir Hanjra	2013	42240
T. T. SINGH	Nutrition	HANDBOOK OF FOOD PRESERVATION, 3RD ED	M.S Rahman		44000
T. T. SINGH	Nutrition	HANDBOOK OF FOOD SAFETY ENGINEERING	D.Sun		77220
T. T. SINGH	Poultry	HANDBOOK OF POULTRY PRODUCTION AND MANAGEMENT	Jadhav, N.V. and M.F. Siddiqui	2007	7040
T. T. SINGH	Biochemistry	HARPERS ILLUSTRATED BIOCHEMISTRY	Rodwell, V. and D. Bender.	2015	8225
T. T. SINGH	Biochemistry	HARPERS ILLUSTRATED BIOCHEMISTRY, 32ND ED, LATEST EDITION	Victor W. Rodwell, Peter J. Kennelly, David Bender ·	2018	3000
T. T. SINGH	Biochemistry	HASHMI'S MEDICAL BIOCHEMISTRY MCQS	Hashmi	2015	1000

T. T. SINGH	Nutrition	HUMAN NUTRITION, 12TH ED.	C.Geissler and H ,Powers	2020	34305
T. T. SINGH	Chemistry	INDUSTRIAL CHEMISTRY	Das, R.K	2011	1225
T. T. SINGH	Biochemistry	INDUSTRIAL MANAGEMENT: AN INTRODUCTION	Kumar, A.	2015	7350
T. T. SINGH	Biochemistry	INDUSTRIAL MANAGEMENT: CONTROL AND PROFIT	Halevi, G.	2014	21525
T. T. SINGH	Chemistry	INORGANIC CHEMISTRY	Housecraft, C. and A.G. Sharpe	2012	11457.275
T. T. SINGH	Chemistry	INORGANIC CHEMISTRY	Shriver, D. F and P.W. Atkins	2015	6475
T. T. SINGH	Chemistry	INORGANIC CHEMISTRY: PRINCIPLES OF STRUCTURE AND REACTIVITY	Huheey, J.E., E.A, Keiter and R.L. Keiter	2011	3257
T. T. SINGH	Chemistry	INSTRUMENTAL METHODS OF CHEMICAL ANALYSIS	Sharma, B.K.	2015	12250
T. T. SINGH	Animal	INTRODUCTION TO BIOTECHNOLOGY, 3RD ED	Thieman, W. J. and M. A. Palladino	2012	18550.4
T. T. SINGH	Chemistry	INTRODUCTION TO GREEN CHEMISTRY	Matalack, A.	2010	17501.57
T. T. SINGH	Chemistry	INTRODUCTION TO SPECTROSCOPY	Pavia, D.L., G.M. Lampman and G.S. Kriz	2014	7091
T. T. SINGH	Statistics	INTRODUCTION TO STATISTICAL THEORY PART-I	Prof Sher M. & Dr. Shahid Kamal	2021	450
T. T. SINGH	Statistics	INTRODUCTION TO STATISTICAL THEORY PART-II	Prof Sher M. & Dr. Shahid Kamal	2021	400
T. T. SINGH	Biochemistry	INTRODUCTORY PRACTICAL BIOCHEMISTRY	Sawhney, S. K. and R. Singh	2010	5600
T. T. SINGH	Biochemistry	IPR BIOSAFETY AND BIOETHICS	Goel, D. and S. Parashar	2013	2625
T. T. SINGH	Literature	JANNAT KAY PATTAY	Nimra Ahmad	2004	1000
T. T. SINGH	Nutrition	KRAUSE'S FOOD, NUTRITION AND DIET THERAPY, 14TH ED	I.K Mahan ,S.Escott-Stump and J.I Raymond	.	2613.2
T. T. SINGH	Chemistry	LABORATORY MANUAL FOR PRINCIPLES OF GENERAL CHEMISTRY	Beran, J.A.	2014	21700
T. T. SINGH	Poultry	LAYER SIGNALS: A PRACTICAL GUIDE FOR LAYER FOCUSED MANAGEMENT	Monique Bestman	2013	15840
T. T. SINGH	Biochemistry	LEHNINGER PRINCIPLES OF BIOCHEMISTRY	Nelson, D.L. and M.M. Cox.	2017	14000
T. T. SINGH	Biochemistry	LEHNINGER PRINCIPLES OF BIOCHEMISTRY, 8TH EDITION	David L. Nelson	2021	14000
T. T. SINGH	Biochemistry	LIPPINCOTT ILLUSTRATED REVIEWS. 7TH ED.	Ferrier, D. R.	2016	5000
T. T. SINGH	History	MAIN NE DHAKA DOOBTE DEKHA	Siddiq Salk		1000
T. T. SINGH	Literature	MAN O SALVA	Umaira Ahmad		1000
T. T. SINGH	Chemistry	MEDICINAL CHEMISTRY	Sriram, D. and P. Vogeewari.	2010	5600
T. T. SINGH	Nutrition	METHODS IN FOOD ANALYSIS	R.M.S Cruz , I. Khmelinskii and M.Vieira		22869.44
T. T. SINGH	Biochemistry	MODERN EXPERIMENTAL BIOCHEMISTRY	Boyer, R.F.	2014	25025
T. T. SINGH	Poultry	MODERN LIVESTOCK AND POULTRY PRODUCTION	Flanders, F., and J. R. Gillespie.	2015	17600
T. T. SINGH	Chemistry	MODERN PHYSICAL CHEMISTRY	Silbey, R.J., R.A. Alberty and M.G. Bawendi	2011	20300
T. T. SINGH	Zoology	MOLECULAR BIOLOGY OF THE CELL	Wilson, J. and T. Hunt.	2015	9275
T. T. SINGH	Animal	MOLECULAR CELL BIOLOGY, 8TH EDITION.	Lodish, H., Berk, A., Zipursky, S. L., Matsudaira, P., Baltimore, D., and Darnell, J. E. W. H. Freeman,	2016	62656
T. T. SINGH	Animal	MOLECULAR GENETICS OF BACTERIA, 4TH EDITION	Larry Snyder, Joseph E. Peters, Tina M. Henkin, Wendy Champness	2013	67760
T. T. SINGH	Poultry	NUTRITION AND FEEDING OF ORGANIC POULTRY, 2ND EDITION	Blair, R.	2018	26400
T. T. SINGH	Nutrition	NUTRITION IN PUBLIC HEALTH : A HANDBOOK FOR DEVELOPING PROGRAMS AND SERVICES, 2ND ED.	S.Edelstein		5132.16
T. T. SINGH	Nutrition	NUTRITION IN THE PRESERVATION AND TREATMENT OF DISEASE, 4TH ED.	A.Coulston and C.J.Boushey		19006.24

T. T. SINGH	Nutrition	NUTRITION THROUGH LIFE CYCLE, 6TH ED.	J.F Brown		27806
T. T. SINGH	Nutrition	NUTRITIONAL ASSESSMENT OF ATHLETES, 2ND ED.	J.A Driskell and I.Wolinsky		5517.6
T. T. SINGH	Nutrition	NUTRITIONAL ASSESSMENT, 7TH ED	D.C.Lee and D.C.Nieman		29920
T. T. SINGH	Biochemistry	NUTRITIONAL BIOCHEMISTRY OF THE VITAMINS	Bender, D.A.	2010	3000
T. T. SINGH	Nutrition	NUTRITIONAL BIOCHEMISTRY OF VITAMINS, 2ND ED.	D.A Bender		26222
T. T. SINGH	Nutrition	NUTRITIONAL SCIENCES : FROM FUNDAMENTALS TO FOOD, 3RD ED.	M.Mcguire and K.A.Beerman		50503.2
T. T. SINGH	Literature	OLD MAN AND THE SEA	Ernest Hemingway		1054
T. T. SINGH	Chemistry	ORGANIC CHEMISTRY	Morison and Boyd	2011	15925
T. T. SINGH	Chemistry	ORGANIC CHEMISTRY	Solomon, T.W.G.	2014	8783.465
T. T. SINGH	Chemistry	ORGANIC CHEMISTRY	Claydem, J., N. Greeves and S. Warren	2012	17150
T. T. SINGH	Chemistry	ORGANIC CHEMISTRY	Carey, F.A., R.M. Giuliano.	2013	7701.915
T. T. SINGH	Chemistry	ORGANIC REACTION AND THIRD MECHANISM	Kalsi, P.S.	2010	4900
T. T. SINGH	Chemistry	PHYSICAL CHEMISTRY	Alberty, R.A. and Silvey	2012	12752.86
T. T. SINGH	Chemistry	PHYSICAL CHEMISTRY	Ball, D.W.	2017	16450
T. T. SINGH	Chemistry	PHYSICAL CHEMISTRY	Castellan, G. W.	2014	2170
T. T. SINGH	Poultry	POULTRY BEHAVIOR AND WELFARE	Michael C. Appleby	2004	12320
T. T. SINGH	Animal	POULTRY BREEDING AND GENETICS	Crawford, R.D.	1990	54912
T. T. SINGH	Poultry	POULTRY DISEASES, PRODUCTION & ITS MANAGEMENT	Sharma, S.	2019	10560
T. T. SINGH	Poultry	POULTRY FARMING	Tmara Brown	2010	24640
T. T. SINGH	Animal	POULTRY GENETICS, BREEDING AND BIOTECHNOLOGY. CAB INTERNATIONAL.	Muir, W.M. and S.E. Aggrey	2003	54384
T. T. SINGH	Poultry	POULTRY PRODUCTION IN HOT CLIMATES	Daghir, N.J.	2008	880
T. T. SINGH	Poultry	POULTRY PRODUCTION IN THE TROPICS: A COMPLETE GUIDE	Ugochukwu C. Adindu	2018	2464
T. T. SINGH	Poultry	POULTRY SCIENCE: 5TH EDITION	Scanes, C. G., and K. D. Christensen	2019	10560
T. T. SINGH	Animal	PRINCIPLES OF GENETICS, 7TH EDITION. PUBLISHED BY WILEY,	D. Peter Snustad, Michael J. Simmons	2016	39600
T. T. SINGH	Biochemistry	PRINCIPLES OF HUMAN NUTRITION	Eastwood, M.	2013	23275
T. T. SINGH	Nutrition	PRINCIPLES OF HUMAN NUTRITION, 2ND ED.	M.Eastwood		26398.24
T. T. SINGH	Nutrition	PRINCIPLES OF NUTRITION ASSESSMENT, 2ND ED.	R.S Gibson		4039.2
T. T. SINGH	Chemistry	PRINCIPLES OF ORGANIC SYNTHESIS, LATEST ED	Coxon, J.M. and R.O.C. Norman.		37625
T. T. SINGH	Chemistry	QUANTITATIVE CHEMICAL ANALYSIS	Harris, D.C.	2011	12011.17
T. T. SINGH	Management	RICH DAD, POOR DAD	Robert Kiyosaki and Sharon Lechter	2011	2259
T. T. SINGH	Chemistry	SHREVE'S CHEMICAL PROCESS INDUSTRY	Austin, G.T	2015	6825
T. T. SINGH	Management	SOMETHING FOR NOTHING	Brian Tracy	2004	3000
T. T. SINGH	Chemistry	SPECTROMETRIC IDENTIFICATION OF ORGANIC COMPOUNDS	Silverstein, R.M., G. C. Bassler and T.C. Morrill	2014	10850
T. T. SINGH	Chemistry	STRUCTURE AND MECHANISM IN ORGANIC CHEMISTRY	ingold C.K.	2010	1005
T. T. SINGH	Management	TALEEMI KAMYABI	Arshad Javed	2009	300
T. T. SINGH	Chemistry	TEXT BOOK OF POLYMER SCIENCE	Bilmeyer, F.W.	2015	14544
T. T. SINGH	Biochemistry	TEXTBOOK OF HUMAN NUTRITION	Bamji, M.S., K. Krishnaswamy and G.N.W. Brahman	2010	4725
T. T. SINGH	Nutrition	TEXTBOOK OF HUMAN NUTRITION, 12TH ED.	Bamji , M.S., N.P Rao& V, Reddy		9319.2
T. T. SINGH	Biochemistry	TEXTBOOK OF MEDICAL BIOCHEMISTRY	Chatterjea, M.N. and R. Shinde	2012	4375
T. T. SINGH	Nutrition	TEXTBOOK OF MEDICAL PHYSIOLOGY, 13TH ED.	A.V Guyton		28864
T. T. SINGH	Chemistry	THE ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS	Crabtree, R.H.	2011	1431
T. T. SINGH	Animal	UNDERSTANDING ANIMAL BREEDING	Bourdon, R. M.	2000	33264

T. T. SINGH	Animal	UNDERSTANDING GENETICS: DNA GENES AND THIRD REAL-WORLD APPLICATION.	David Sadawa	2013	50864
T. T. SINGH	Nutrition	UNDERSTANDING NORMAL AND CLINICAL NUTRITION, 12TH ED.	Rolfes,Pinna and Whitney		10822.24
T. T. SINGH	Nutrition	UNDERSTANDING NUTRITION, 16TH ED	E.Whitney and S.R Roltes		8544.8
T. T. SINGH	Chemistry	UNDERSTANDING PHYSICAL CHEMISTRY	Dor Ben-Amotz	2014	15178.74
T. T. SINGH	Chemistry	VOGEL’S TEXT BOOK OF PRACTICAL ORGANIC CHEMISTRY, LATEST ED	Furniss, B.S., A.J. Hannaford, P.W.G. Smith and A.R. Tatchell		20425
T. T. SINGH	Nutrition	WARD LAW'S PERSPECTIVES IN NUTRITION, 12TH ED	Byrd-Bredbenner,C.,G Moe ,D Beshgetoor and J.Berning		13888.16
T. T. SINGH	Management	ZERO TO ONE: NOTES ON STARTUPS	Peter Thiel	2014	1750

Section VII.

Technical Specifications

TECHNICAL SPECIFICATIONS

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CAMPUS	SUBJECT	TITLE	AUTHOR	YEAR	COST
					Estimated
BUREWALA	Chemistry	A FRAGRANT INTRODUCTION TO TORPEDOED CHEMISTRY	Sell, C.S.	2003	11459.36
BUREWALA	Chemistry	A GUIDE BOOK TO MECHANISM IN ORGANIC CHEMISTRY	Sykes, P.	2009	9605.3
BUREWALA	Chemistry	A MICROSCALE APPROACH TO ORGANIC LABORATORY TECHNIQUES	Pavia, D.L., G.M. Lampman, G.S. Kriz and R.G. Engel	2013	17055.36
BUREWALA	Chemistry	A TEXTBOOK OF ORGANIC CHEMISTRY	Raza, A.M., A. Rehman and H.N. Bhatti	2016	480
BUREWALA	Chemistry	A TEXTBOOK OF PHYSICAL CHEMISTRY	Bhatti, H.N.	2017	5264
BUREWALA	Chemistry	A TEXTBOOK OF POLYMER SCIENCE	Bilmeyer, F.W.	2003	24214.455
BUREWALA	Chemistry	ADVANCED INORGANIC CHEMISTRY	Cotton, F.A. and G. Wilkinson	2007	27979
BUREWALA	Chemistry	ADVANCED ORGANIC CHEMISTRY	Bhatti, H.N.	2016	880
BUREWALA	Chemistry	ADVANCED ORGANIC CHEMISTRY	Francis, C.A. and R.G. Sundberg	2007	9008
BUREWALA	Chemistry	ADVANCED ORGANIC CHEMISTRY, REACTION, MECHANISM AND STRUCTURE	March, J.	2014	1007
BUREWALA	Computer	AN INTRODUCTION TO MACHINE LEARNING, VOL.2	Kubat, M	2017	10723.81
BUREWALA	Zoology	ANIMAL BEHAVIOR	Breed, M.D.	2008	10516.845
BUREWALA	Zoology	ANIMAL EVOLUTION: GENOMES, FOSSILS AND TREES	Telford, M.J. and D.T.J. Littlewood	2009	12096
BUREWALA	Zoology	AQUACULTURE, RESOURCE USE AND THE ENVIRONMENT	Boyd, C.E. and A.A. McNevin	2014	21054.6
BUREWALA	Zoology	AQUACULTURE: PRINCIPLES AND PRACTICES	Pillay, T.V.R. and M.N. Kutty	2007	19656
BUREWALA	Computer	ARTIFICIAL INTELLIGENCE IN PRACTICE	Marr, B., and M. Ward.	2019	6040.44
BUREWALA	Chemistry	ATMOSPHERIC CHEMISTRY	Richard, W. and M.A. Holloway	2010	4711.11
BUREWALA	Computer	BASRA(2019) GAME THEORY FOR NEXT GENERATION WIRELESS AND COMMUNICATION NETWORKS: MODELING, ANALYSIS, AND DESIGN	Zhu, H., D. Niyato, W. Saad, and T		10624.315
BUREWALA	Zoology	BEHAVIORAL APPROACHES TO CONSERVATION IN THE WILD	Janine, R.C. and R. Buchholz	2004	27085.76
BUREWALA	Food	BIOCHEMISTRY: LIPPINCOTT'S ILLUSTRATED REVIEWS	Ferrier, D. R.	2013	3101.11
BUREWALA	Literature	BUTT TAMIZIAN	Yunas Butt	2020	1000
BUREWALA	Chemistry	CAPILLARY ELECTROPHORESIS: THEORY AND PRACTICE	Camilleri, P.	1998	14374.205
BUREWALA	Zoology	CARP AND POND FISH CULTURE	Horvaph, L., G. Tanes and C. Seagrave	2002	24192
BUREWALA	Chemistry	CHROMATOGRAPHIC METHODS	Braitewaite, A. and F.J. Smith	1999	22522.26
BUREWALA	Chemistry	CHROMATOGRAPHY: CONCEPTS AND CONTRASTS	Miller, J.M.	2005	17274.6
BUREWALA	Agronomy	CLIMATE CHANGE AND CROP PRODUCTION	Reynolds M P	2017	8250.74
BUREWALA	Computer	COMPUTER SECURITY: ART AND SCIENCE	Bishop, M.	2018	15415.99

BUREWALA	Zoology	CONSERVATION BIOLOGY	Sodhi, N.S. and P.R. Ehrlich	2011	11037.6
BUREWALA	Zoology	CONSERVATION BIOLOGY: EVOLUTION IN ACTION	Carrol, S.P. and C.W. Fox	2008	9525.6
BUREWALA	Zoology	CONSERVATION OF WILDLIFE POPULATION (DEMOGRAPHY, GENETICS AND MANAGEMENT)	Mills, L.S.	2013	9828
BUREWALA	Computer	CRYPTOGRAPHY AND NETWORK SECURITY	Stallings, W.	2016	1624.775
BUREWALA	Computer	DATA MINING: THE TEXTBOOK	Aggarwal C. C.	2015	25002.24
BUREWALA	Chemistry	DESCRIPTIVE INORGANIC CHEMISTRY	Kathleen, A.H. and E.H. James	2010	1005
BUREWALA	Computer	DIGITAL IMAGE PROCESSING: AN ALGORITHMIC APPROACH	Joshi, M. A.	2018	616.2
BUREWALA	Zoology	ECOLOGY AND CONSERVATION OF FISHES	Tyus, H.M.	2011	14874.855
BUREWALA	Zoology	ECOLOGY OF FRESH WATERS	Moss, B.R.	2010	11340
BUREWALA	Chemistry	ELECTROANALYTICAL METHODS: GUIDE TO EXPERIMENTS AND APPLICATIONS	Fritz, S.	2010	16086.64
BUREWALA	Food	ELEMENTS OF FOOD AND NUTRITION	Awan, J.A	2017	240
BUREWALA	Chemistry	ENERGY, ENTROPY AND ENGINES: AN INTRODUCTION TO THERMODYNAMICS	Sanjeev Chandra	2016	13170.8
BUREWALA	Zoology	ESSENTIALS OF DEVELOPMENTAL BIOLOGY	Slack, J.M.W.	2006	15053.245
BUREWALA	Zoology	ESSENTIALS OF ECOLOGY	townsend, C.R., M. Begon and J.L. Harper	2008	24948
BUREWALA	Zoology	EVOLUTION	Ridley, M.	2004	11340
BUREWALA	Chemistry	EXPERIMENTAL PHYSICAL CHEMISTRY	Bhatti, H.N. and Z.H. Farooqi	2016	240
BUREWALA	Chemistry	EXPERIMENTAL PHYSICAL CHEMISTRY	Palmer, W.G.	2009	12832.65
BUREWALA	Agronomy	FARM MANAGEMENT	Kay et al.	2011	9225.53
BUREWALA	Zoology	FISH PHYSIOLOGY: HOMEOSTASIS AND TOXICOLOGY OF ESSENTIAL AND NON-ESSENTIAL METALS	Wood, C.M., A.P. Farrel and C.J. Brauner	2012	15259.105
BUREWALA	Food	FOOD ANALYSIS MANUAL	Awan, J.A. and S.U. Rehman	2018	136
BUREWALA	Food	FOOD CHEMISTRY	Belitz, H.D., W. Groschm and P. Schieberle	2013	17266.5
BUREWALA	Food	FOOD PLANT LAYOUT AND SANITATION	Awan, J.A. and S.U. Rehman	2010	240
BUREWALA	Food	FOOD PLANTS OF THE WORLD IDENTIFICATION CULINARY USES AND NUTRITIONAL VALUE (HB)	Canovas		10415.515
BUREWALA	Food	FOOD PRESERVATION MANUAL	Awan, J.A and S.U. Rehman	2018	160
BUREWALA	Food	FOOD TOXICOLOGY	Awan, J.A. and F.M. Anjum	2019	256
BUREWALA	Chemistry	FORENSIC ANALYTICAL TECHNIQUES	Stuart, H.B.	2013	9828
BUREWALA	Chemistry	FORENSIC SCIENCE	Jackson, A.R.W. and J.M. Jackson	2008	9786.565
BUREWALA	Zoology	FRESHWATER ECOLOGY: CONCEPT AND ENVIRONMENTAL APPLICATIONS OF LIMNOLOGY	Dodds, W.K. and M.R. Whiles	2010	20416.41
BUREWALA	Food	FRUIT AND VEGETABLE PROCESSING – IMPROVING QUALITY	Jongen, W. (ed.)	2002	1001
BUREWALA	Zoology	FUNDAMENTALS OF CONSERVATION BIOLOGY	Hunter, M.L.J. and J.P. Gibbs	2007	11922.115
BUREWALA	Chemistry	FUNDAMENTALS OF ELECTROANALYTICAL CHEMISTRY	Monk, P.M.S.	2001	18900
BUREWALA	Zoology	GENERAL AND APPLIED ICHTHYOLOGY (FISH AND FISHERIES)	Gupta, S. and P. Gupta	2013	1403.04
BUREWALA	Management	GIRL, STOP APOLOGIZING	Rachel Hollis	2019	3850
BUREWALA	Chemistry	HETEROCYCLIC CHEMISTRY	Joule, J.A.	2010	8316
BUREWALA	Computer	HUMAN-COMPUTER INTERACTION	Dix A., J. Finlay	2012	10874.16
BUREWALA	Zoology	INDUCED FISH BREEDING: A PRACTICAL GUIDE FOR HATCHERIES	Chattopadhyay, N.R.	2016	15785.345
BUREWALA	Chemistry	INDUSTRIAL MANAGEMENT: CONTROL AND PROFIT	Halevi, G.	2014	19661.81

BUREWALA	Computer	INFORMATION TECHNOLOGY PROJECT MANAGEMENT	Kathy Schwalbe, Course Technology		1317.72
BUREWALA	Chemistry	INORGANIC CHEMISTRY	Cathrine, E., Housecraft C. and A.G. Sharpe	2008	11457.275
BUREWALA	Chemistry	INORGANIC CHEMISTRY	Miessler, G.L. and D.A. Tarr	2010	11873.98
BUREWALA	Chemistry	INORGANIC STRUCTURAL CHEMISTRY	Muller, U.	2006	9029.435
BUREWALA	Entomology	INSECT BIODIVERSITY SCIENCE AND SOCIETY	Foottit,R.G and Adler,P.T.	2009	15655.5
BUREWALA	Zoology	INTEGRATED PRINCIPLES OF ZOOLOGY	Hickman, C.P., L.S. Roberts and A. Larson	2017	9882.16
BUREWALA	Computer	INTERNET OF THINGS (IOTA)	Khan, J.Y. and M.R. Yuce	2019	20301.82
BUREWALA	Chemistry	INTRODUCTION TO GREEN CHEMISTRY	Matalack, A.	2010	17501.57
BUREWALA	Literature	JANNAT KAY PATTAY	Nimra Ahmad	2004	1000
BUREWALA	Chemistry	LABORATORY MANUAL FOR PRINCIPLES OF GENERAL CHEMISTRY	Beran, J.A.	2014	21700
BUREWALA	Zoology	LIMNOLOGY: THE LAKE AND RIVER ECOSYSTEM	Wetzel, R.G.	2001	17291.13
BUREWALA	History	MAIN NE DHAKA DOOBTE DEKHA	Siddiq Salk		1000
BUREWALA	Literature	MAN O SALVA	Umaira Ahmad		1000
BUREWALA	Agronomy	MANUAL OF PLANT ECOLOGY	Hussain	2003	240
BUREWALA	Chemistry	MEDICINAL NATURAL PRODUCTS: A BIOSYNTHETIC APPROACH	Paul, M.D.	2009	9072
BUREWALA	Zoology	MOLECULAR BIOLOGY OF THE CELL	Alberts, B., A. Johnson, J. Lewis, M. Raff, K. Roberts and P. Walter	2013	26228.665
BUREWALA	Zoology	MOLECULAR CELL BIOLOGY	Lodisch, H.A., A. Berk and C.A. Kaiser	2012	14785.345
BUREWALA	Agronomy	MONSOON RAINS, GREAT RIVERS AND THE DEVELOPMENT OF FARMING CIVILIZATION IN ASIA	Clift P D	2021	13753
BUREWALA	Entomology	NATURAL ENEMIES: AN INTRODUCTION TO BIOLOGICAL CONTROL	Hajek A	2003	7290.235
BUREWALA	Literature	OLD MAN AND THE SEA	Ernest Hemingway		1054
BUREWALA	Chemistry	ORGANIC CHEMISTRY	Morison and Boyd	2011	15925
BUREWALA	Chemistry	ORGANIC CHEMISTRY	Solomon, T.W.G.	2014	8783.465
BUREWALA	Chemistry	ORGANIC CHEMISTRY	Robert, T.M. and N.B. Robert	1992	9008
BUREWALA	Chemistry	ORGANIC CHEMISTRY	Carey, F.A. and R.M. Giuliano	2013	7701.915
BUREWALA	Chemistry	ORGANIC CHEMISTRY	Loudan, M.	2009	11861.01
BUREWALA	Chemistry	ORGANIC CHEMISTRY	Smith, J.G.	2010	7883.83
BUREWALA	Chemistry	ORGANIC CHEMISTRY: STRUCTURE AND REACTIVITY	Seyhan, E.	2004	1002
BUREWALA	Chemistry	ORGANIC REACTIONS AND THIRD MECHANISM	Kalsi, P.S.	2010	1005
BUREWALA	Agronomy	PAKISTAN AGRICULTURE MANAGEMENT AND DEVELOPMENT	Qureshi et al	2006	480
BUREWALA	Zoology	PALEONTOLOGY: A PHILOSOPHICAL INTRODUCTION	Turnery, D.	2011	4790.01
BUREWALA	Zoology	PERSPECTIVE ON ANIMAL BEHAVIOR	Goodenough, J., B. McGuire and E. Jalcob	2010	24841.935
BUREWALA	Entomology	PESTICIDE APPLICATION METHODS	Mathws G.A	2002	29240.5
BUREWALA	Chemistry	PHYSICAL CHEMISTRY	Alberty, R.A. and Silvey	2002	12752.86
BUREWALA	Chemistry	PHYSICAL CHEMISTRY LABORATORY MANUAL	Bhatti, H.N. and Z.H. Farooqi	2016	280
BUREWALA	Chemistry	PHYSICAL CHEMISTRY: HOW CHEMISTRY WORKS	Kurt W. Kolasinski	2016	12096
BUREWALA	Chemistry	PRACTICAL HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY	Meyer, V.R.	2010	9788.69
BUREWALA	Chemistry	PRINCIPLES OF ANALYTICAL CHEMISTRY	Bhatti, H.N.	2017	1008.5
BUREWALA	Zoology	PRINCIPLES OF ANIMAL BEHAVIOR	Dugatkin, L.A.	2013	14364
BUREWALA	Chemistry	PRINCIPLES OF ENVIRONMENTAL CHEMISTRY	Bhatti, H.N. and S. Noreen	2017	320
BUREWALA	Chemistry	PRINCIPLES OF ORGANIC SYNTHESIS	Coxon, J.M. and R.O.C. Norman	1993	11724.3
BUREWALA	Chemistry	QUANTITATIVE CHEMICAL ANALYSIS	Harris, D.C.	2011	12011.17

BUREWALA	Management	RICH DAD, POOR DAD	Robert Kiyosaki and Sharon Lechter	2011	2259
BUREWALA	Entomology	SAMPLING AND MONITORING IN CROP PROTECTION	Binns, M.R.	2000	22185
BUREWALA	Food	SCIENTIFIC PRESENTATIONS	Awan, J.A	2009	240
BUREWALA	Zoology	SELECTION AND BREEDING PROGRAMS IN AQUACULTURE	Gjedrem, T.	2005	21047.705
BUREWALA	Management	SOMETHING FOR NOTHING	Brian Tracy	2004	3000
BUREWALA	Chemistry	STEREOCHEMISTRY	Morris, D.G.	2001	2891.195
BUREWALA	Chemistry	STRUCTURE AND MECHANISM IN ORGANIC CHEMISTRY	ingold, C.K.	2000	1000
BUREWALA	Chemistry	SYSTEMATICS ORGANIC ANALYSIS	Chughtai, F.A. and Z.H. Nazli	2010	800
BUREWALA	Management	TALEEMI KAMYABI	Arshad Javed	2009	300
BUREWALA	Chemistry	THE DISCONNECTION APPROACH	Warren, S. and P. Wyatt	2010	6804
BUREWALA	Zoology	THE FOUNDATIONS OF ETHOLOGY	Lorenz, K. and R.W. Kickert	2010	8557.525
BUREWALA	Entomology	THE NEW TAXONOMY	Wheeler,Q.D.	2008	16624.5
BUREWALA	Chemistry	THE ORGANOMETALLIC CHEMISTRY OF TRANSITION METALS	Crabtree, R.H.	2011	17380.44
BUREWALA	Zoology	THE WILDLIFE TECHNIQUES MANUAL VOL-2	Silvy, N.J.	2012	26452.44
BUREWALA	Chemistry	TOTAL QUALITY MANAGEMENT	Besterfield, D.H. and C.B. Michna	2011	1583.54
BUREWALA	Agronomy	TREES OF PAKISTAN: THIRD NATURAL HISTORY, CHARACTERISTICS AND UTILIZATION	Syed Riaz Baquar	2017	1600
BUREWALA	Food	UNDERSTANDING NUTRITION	Whitney, E. and S.R. Rolfes	2016	28418
BUREWALA	Chemistry	UNDERSTANDING PHYSICAL CHEMISTRY	Dor Ben-Amotz	2014	15178.74
BUREWALA	Food	UNIT OPERATIONS IN FOOD PROCESSING	Earle, R.L	2013	8557.525
BUREWALA	Zoology	URBAN WILDLIFE	Robert, M., A. Mooreman, P. Christopher and E. Nile	2014	17874.21
BUREWALA	Zoology	VERTEBRATE BIOLOGY	Linzey D.W.	2012	16632
BUREWALA	Chemistry	VOGEL'S TEXTBOOK OF QUANTITATIVE CHEMICAL ANALYSIS	Mendham, J., R.C. Denny, J.D. Branes, M. Thomas and B. Sivasankar	2000	1000
BUREWALA	Food	WASTE MANAGEMENT FOR THE FOOD INDUSTRIES	Spreer, E	2005	27624
BUREWALA	Zoology	WILDLIFE TOURISM, ENVIRONMENTAL LEARNING AND ETHICAL ENCOUNTERS (ECOLOGICAL AND CONSERVATION ASPECTS)	Bonges de Lima, I. and R.J. Green	2017	17266.71
BUREWALA	Management	ZERO TO ONE: NOTES ON STARTUPS	Peter Thiel	2014	1750
BUREWALA	Zoology	ZOOLOGY	Miller, S.A. and J.B. Harley	2016	6833.515
DEPALPUR	Soil	ADVANCES IN SOIL AND WATER CONSERVATION	Pierce	2020	11277.05
DEPALPUR	Soil	ADVANCES IN SOIL MICROBIOLOGY: RECENT TRENDS AND FUTURE PROSPECTS VOLUME.1: SOIL-MICROBE INTERACTION	Adhya	2018	20233.4
DEPALPUR	Chemistry	AE CHEMICAL PRINCIPLES, 8TH EDITION	Zumdahl	2018	52438.05
DEPALPUR	Plant	ANALYSIS OF GENES AND GENOMES	Reece	2004	12056.31
DEPALPUR	Entomology	ANALYSIS OF PESTICIDES IN FOOD AND ENVIRONMENTAL SAMPLES	Tadeo	2021	8815.89
DEPALPUR	Zoology	ANIMAL DIVERSITY, 9TH ED	Hickman	2021	8032.5
DEPALPUR	Plant	APPLIED PLANT VIROLOGY	Wilson	2014	9378.44
DEPALPUR	Chemistry	ATMOSPHERIC CHEMISTRY AND PHYSICS: FROM AIR POLLUTION TO CLIMATE CHANGE, 3RD ED	Seinfeld	2016	23211.09
DEPALPUR	Entomology	BIOAEROSOLS HANDBOOK	Cox	2020	8815.89
DEPALPUR	Soil	BIOCHAR FROM BIOMASS AND WASTE: FUNDAMENTALS AND APPLICATIONS	Yong Ok	2018	17860.5
DEPALPUR	Chemistry	BIOCHEMISTRY, 9TH ED	Berg	2019	16621.28
DEPALPUR	Soil	BIOGEOCHEMISTRY: AN ANALYSIS OF	Schlesinger	2020	19349.82

		GLOBAL CHANGE, 4TH ED			
DEPALPUR	Plant	BIOINFORMATICS BASICS: APPLICATIONS IN BIOLOGICAL SCIENCE AND MEDICINE 2ND ED	Rashidi	2019	11688.55
DEPALPUR	Plant	BIOINFORMATICS: A PRACTICAL GUIDE TO THE ANALYSIS OF GENES AND PROTEINS, 3RD ED	Baxevanis	2004	20383.65
DEPALPUR	Literature	BUTT TAMIZIAN	Yunas Butt	2020	1000
DEPALPUR	Zoology	CAMPBELL BIOLOGY CONCEPTS & CONNECTIONS, 9TH GLOBAL ED	Taylor	2019	12615.71
DEPALPUR	Entomology	CHEMICAL ECOLOGY OF INSECTS APPLICATIONS AND ASSOCIATIONS WITH PLANTS AND MICROBES	Tabata	2021	8815.89
DEPALPUR	Chemistry	CHEMISTRY: A MOLECULAR APPROACH GLOBAL EDITION	Tro	2020	12172.97
DEPALPUR	Agriculture	COMMUNICATION FOR RURAL INNOVATION: RETHINKING AGRICULTURAL EXTENSION	Leeuwis	2004	15144.57
DEPALPUR	Physics	COMPUTATIONAL PHYSICS: PROBLEM SOLVING WITH PYTHON, 3RD ED	Landau	2015	18597.6
DEPALPUR	Plant	CONCEPTS OF GENETICS 12 ED	Klug	2020	12837.09
DEPALPUR	Soil	CONTROLLED RELEASE FERTILIZERS FOR SUSTAINABLE AGRICULTURE	Lewu	2020	18605.16
DEPALPUR	Plant	COTTON FIBERS: DEVELOPMENTAL BIOLOGY, QUALITY IMPROVEMENT, AND TEXTILE PROCESSING	Basra	2008	13738.21
DEPALPUR	Plant	CROP RESPONSES TO ENVIRONMENT ADAPTING TO GLOBAL CLIMATE CHANGE 2ND ED	Hall	2021	8815.89
DEPALPUR	Soil	DETECTING MINERAL NUTRIENT DEFICIENCIES IN TROPICAL AND TEMPERATE CROP	Plucknett	2020	7586.62
DEPALPUR	Plant	DETECTION AND DIAGNOSTICS OF PLANT PATHOGENS	Gullino	2014	20233.4
DEPALPUR	Entomology	ECOLOGICAL COMMUNITIES PLANT MEDIATION IN INDIRECT INTERACTION EBBS	Ohgushi	2012	11123.39
DEPALPUR	Entomology	ECOLOGICAL ECONOMICS SUSTAINABILITY IN PRACTICE	Shmelev	2012	10549.07
DEPALPUR	Entomology	ECOLOGY OF INSECTS: CONCEPTS AND APPLICATIONS	Watt	2008	18597.6
DEPALPUR	Zoology	ECOSYSTEM APPROACHES TO FISHERIES A GLOBAL PERSPECTIVE	Christensen	2011	20504.44
DEPALPUR	Physics	ELECTRONIC DEVICES CONVENTIONAL CURRENT VERSION, 10TH GLOBAL ED	Floyd	2018	13501.21
DEPALPUR	Horticulture	ENVIRONMENTAL HORTICULTURE SCIENCE AND MANAGEMENT OF GREEN LANDSCAPES	Cameron	2016	9815.98
DEPALPUR	Entomology	EVALUATING INDIRECT ECOLOGICAL EFFECTS OF BIOLOGICAL CONTROL	Wajnberg	2000	24036.01
DEPALPUR	Entomology	EVOLUTIONARY ANALYSIS, 5TH ED GLOBAL ED	Herron	2015	15050.83
DEPALPUR	Soil	FUNDAMENTALS OF SOIL ECOLOGY, 3RD ED	Coleman	2017	14876.19
DEPALPUR	Plant	FUNGAL DISEASE RESISTANCE IN PLANTS FOOD PRODUCT	Punja	2008	9636.28
DEPALPUR	Plant	FUNGAL PLANT PATHOGENS	Lane	2012	9214.37
DEPALPUR	Plant	GENE CLONING AND DNA ANALYSIS: AN INTRODUCTION, 8TH ED	Brown	2020	10412.01
DEPALPUR	Plant	GENETIC MODIFICATION OF PLANTS	Kempken	2010	56132.87
DEPALPUR	Plant	GENETICS ANALYSIS OF GENES AND GENOMES WITH ONLINE ACCESS, 9TH ED	Hartl	2019	22113
DEPALPUR	Plant	GENOME MAPPING AND MOLECULAR BREEDING IN PLANTS: FRUITS AND NUTS	Kole	2007	10852.97
DEPALPUR	Management	GIRL, STOP APOLOGIZING	Rachel Hollis	2019	3850
DEPALPUR	Entomology	GREEN PESTICIDES HANDBOOK ESSENTIAL OILS FOR PEST CONTROL	Nollet	2019	15378.98
DEPALPUR	Physics	HALLIDAY AND RESNICK'S PRINCIPLES OF PHYSICS, 11TH EDITION, GLOBAL EDITION	Halliday	2020	10417.68

DEPALPUR	Plant	HANDBOOK OF FORMULAS AND SOFTWARE FOR PLANT GENETICISTS AND BREEDERS	Kang	2008	9636.28
DEPALPUR	Plant	I GENETICS A MOLECULAR APPROACH, 3RD GLOBAL ED	Russell	2013	13943.96
DEPALPUR	Soil	INORGANIC CONSTITUENTS IN SOIL: BASICS AND VISUALS	Nanzyo	2018	8797.23
DEPALPUR	Entomology	INSECT BEHAVIOR, 2ND ED	Matthews	2010	14955.51
DEPALPUR	Entomology	INSECT COLLECTION AND IDENTIFICATION TECHNIQUES FOR THE FIELD AND LABORATORY, 2ND ED	Gibb	2020	14876.19
DEPALPUR	Entomology	INSECT METAMORPHOSIS FROM NATURAL HISTORY FROM NATURAL HISTORY TO REGULATION OF DEVELOPMENT AND EVOLUTION	Bellers	2020	17860.5
DEPALPUR	Horticulture	INSECT PESTS OF POTATO	Giordanengo	2012	18597.6
DEPALPUR	Entomology	INSECT REPELLENTS HANDBOOK, 2ND ED	Debboun	2020	8815.89
DEPALPUR	Entomology	INSECT RESISTANCE MANAGEMENT BIOLOGY, ECONOMICS, AND REDACTION, 2ND ED	Onstad	2013	20499.23
DEPALPUR	Entomology	INSECT-BORNE DISEASES IN THE 21ST CENTURY	Nicoletti	2020	17860.5
DEPALPUR	Plant	INTEGRATED PEST AND DISEASE MANAGEMENT IN GREENHOUSE CROPS	Gullino	2020	21113.79
DEPALPUR	Horticulture	INTEGRATED VIEW OF FRUIT AND VEGETABLE QUALITY	Shewfelt	2019	8180.42
DEPALPUR	Zoology	INTEGRATING BIOLOGICAL CONTROL INTO CONSERVATION PRACTICE	Driesche	2016	19349.82
DEPALPUR	Agriculture	INTERVIEWING PRINCIPLES AND PRACTICES, 15TH ED	Stewart	2018	7159.32
DEPALPUR	Plant	INTRODUCTION TO POPULATION BIOLOGY, 2ND ED	Neal	2018	8940.91
DEPALPUR	Zoology	INTRODUCTORY STATISTICS, 10TH GLOBAL EDITION	Weiss	2016	12837.09
DEPALPUR	Literature	JANNAT KAY PATTAY	Nimra Ahmad	2004	1000
DEPALPUR	Zoology	KARP'S CELL BIOLOGY 8TH GLOBAL ED	Iwasa	2016	9374.4
DEPALPUR	Plant	LABORATORY TECHNIQUES IN PLANT BACTERIOLOGY	Borkar	2021	6336.51
DEPALPUR	Soil	LAND AND SOIL MANAGEMENT	Sfeir-Younis	2020	7586.62
DEPALPUR	Biochemistry	LEHNINGER PRINCIPLES OF BIOCHEMISTRY, 8TH EDITION	David L. Nelson	2021	14000
DEPALPUR	Chemistry	MACROSCALE AND MICROSCALE ORGANIC EXPERIMENTS, 7TH EDITION	Williamson	2017	20969.55
DEPALPUR	History	MAIN NE DHAKA DOOBTE DEKHA	Siddiq Salk		1000
DEPALPUR	Literature	MAN O SALVA	Umaira Ahmad		1000
DEPALPUR	Soil	MANAGEMENT OF SOIL PROBLEMS	Osman	2018	14955.51
DEPALPUR	Soil	MANAGING NITROGEN FOR CROP PRODUCTION	Scharf	2020	4466.07
DEPALPUR	Soil	MANAGING SOIL QUALITY CHALLENGES IN MODERN AGRICULTURE	Schjonning	2004	94281.88
DEPALPUR	Zoology	MARINE FISHERIES ECOLOGY	Jennings	2001	19013.4
DEPALPUR	Soil	METHODS OF SOIL ENZYMOLOGY	Dick	2020	17860.5
DEPALPUR	Soil	MODERN SOIL MICROBIOLOGY, 3RD ED	Elsas	2021	8815.89
DEPALPUR	Plant	MOLECULAR CELL BIOLOGY 9TH ED	Lodish	2021	15382.71
DEPALPUR	Plant	MOLECULAR HOST PLANT RESISTANCE TO PESTS	Sadasivam	2003	11688.55
DEPALPUR	Plant	MOLECULAR MARKER SYSTEMS IN PLANT BREEDING AND CROP IMPROVEMENT	Lorz	2005	29913.25
DEPALPUR	Plant	MOLECULAR METHODS IN PLANT DISEASE DIAGNOSTICS PRINCIPLES AND PROTOCOLS	Boonham	2016	20582.57
DEPALPUR	Soil	NATURE AND PROPERTIES OF SOILS, 15TH GLOBAL EDITION	Brady	2017	12837.09
DEPALPUR	Literature	OLD MAN AND THE SEA	Ernest Hemingway		1054
DEPALPUR	Horticulture	PEPPERS: BOTANY, PRODUCTION AND USES	Russo	2012	21791.01

DEPALPUR	Horticulture	PESTS OF ORNAMENTAL TREES, SHRUBS AND FLOWERS, 2ND ED	Alford	2018	9636.28
DEPALPUR	Plant	PICTORIAL ATLAS OF SOIL BORNE FUNGAL PLANT PATHOGENS AND DISEASES	Watanabe	2021	6172.43
DEPALPUR	Plant	PLANT EVOLUTION AND THE ORIGIN OF CROP SPECIES 3RD ED	Hancock	2014	9214.37
DEPALPUR	Horticulture	PRINCIPLES AND METHODS IN LANDSCAPE ECOLOGY	Farina	2006	13194.72
DEPALPUR	Plant	PRINCIPLES OF GENE MANIPULATION AND GENOMICS, 7TH ED.	Primrose	2006	20130.39
DEPALPUR	Plant	PRINCIPLES OF GENETICS, 7TH ED	Snustad	2015	14430.15
DEPALPUR	Chemistry	QUANTITATIVE CHEMICAL ANALYSIS, 10TH ED	Harris	2020	14075.12
DEPALPUR	Plant	QUANTITATIVE TRAIT LOCI: METHODS AND PROTOCOLS	Camp	2002	25513.52
DEPALPUR	Management	RICH DAD, POOR DAD	Robert Kiyosaki and Sharon Lechter	2011	2259
DEPALPUR	Soil	ROOT FEEDERS AND ECOSYSTEM PERSPECTIVE	Johnson	2008	22903.09
DEPALPUR	Chemistry	SAFETY-SCALE LABORATORY EXPERIMENTS FOR CHEMISTRY FOR TODAY, 9TH EDITION	Seager	2018	17482.5
DEPALPUR	Horticulture	SAFFRON PRODUCTION AND PROCESSING	Kafi	2006	12917.82
DEPALPUR	Entomology	SAMPLING AND MONITORING IN CROP PROTECTION THE THEORETICAL BASIS FOR DESIGNING PRACTICAL DECISION GUIDES	Binns	2000	26392.99
DEPALPUR	Soil	SOIL AND CLIMATE: ADVANCES IN SOIL SCIENCE	Rattan Lal	2021	8815.89
DEPALPUR	Soil	SOIL CHEMISTRY, 5TH ED	Strawn	2020	8185.59
DEPALPUR	Soil	SOIL CLASSIFICATION: A GLOBAL DESK REFERENCE	Eswaran	2019	11277.05
DEPALPUR	Soil	SOIL EROSION AND CARBON DYNAMICS	Roose	2020	8815.89
DEPALPUR	Soil	SOIL EROSION AND CONSERVATION, 3RD ED	Morgan	2005	15628.41
DEPALPUR	Soil	SOIL FERTILITY, 2ND ED	Ellis	2020	11277.05
DEPALPUR	Soil	SOIL HEALTH	Giri	2020	21113.79
DEPALPUR	Soil	SOIL MICROBIOLOGY, 3RD ED	Tate Iii	2020	19342.26
DEPALPUR	Soil	SOIL REMEDIATION: APPLICATIONS AND NEW TECHNOLOGIES	Albergaria	2021	8815.89
DEPALPUR	Soil	SOIL-BASED WASTEWATER TREATMENT	Amador	2020	13396.32
DEPALPUR	Soil	SOILLESS CULTURE: THEORY AND PRACTICE, 2ND ED	Raviv	2019	21581.91
DEPALPUR	Soil	SOILS AND ENVIRONMENTAL QUALITY, 3RD ED	Pierzynski	2005	18457.38
DEPALPUR	Soil	SOILS: GENESIS AND GEOMORPHOLOGY, 2ND ED	Schaetzl	2015	13084.51
DEPALPUR	Management	SOMETHING FOR NOTHING	Brian Tracy	2004	3000
DEPALPUR	Horticulture	SPATIAL DATA ANALYSIS IN ECOLOGY AND AGRICULTURE USING R	Plant	2020	6172.43
DEPALPUR	Management	TALEEMI KAMYABI	Arshad Javed	2009	300
DEPALPUR	Horticulture	THE PLANTING DESIGN HANDBOOK	Robinson, N.	2016	6745.4
DEPALPUR	Physics	THOMAS' CALCULUS, 14TH ED	Hass	2020	1998.38
DEPALPUR	Entomology	URBAN LANDSCAPE ENTOMOLOGY	Held	2019	14876.19
DEPALPUR	Entomology	URBAN PEST CONTROL A PRACTITIONER'S GUIDE	Dhang	2018	4359.77
DEPALPUR	Horticulture	VEGETABLE PRODUCTION AND PRACTICES	Welbaum	2015	9815.98
DEPALPUR	Horticulture	VEGETABLE SEED PRODUCTION, 3RD ED	George	2013	7633.5
DEPALPUR	Entomology	WASPS: THE ASTONISHING DIVERSITY OF A MISUNDERSTOOD INSECT	Eaton	2021	5518.8
DEPALPUR	Zoology	WILDLIFE ECOLOGY, CONSERVATION AND MANAGEMENT, 3RD ED	Fryxell	2014	15917.58
DEPALPUR	Management	ZERO TO ONE: NOTES ON STARTUPS	Peter Thiel	2014	1750
DEPALPUR	Zoology	ZOOLOGY 10TH ED	Miller	2016	8404.83
MAIN	Management	21 LESSONS FOR THE 21ST CENTURY	Yuval Noah Harari		895
MAIN	Management	4 ESSENTIAL KEYS TO EFFECTIVE			3162

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PARS	Chemistry	THE ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS, 7TH ED	Crabtree	2019	15120.98
PARS	English	THE ROUTLEDGE HISTORY OF LITERATURE IN ENGLISH BRITAIN AND IRELAND, 3RD ED	Carter	2021	7082.2
PARS	English	THE STUDY OF LANGUAGE, 7TH ED	Yule	2020	4633.98
PARS	Mathematics	THOMAS' CALCULUS, 14TH ED	Hass	2020	1998.38
PARS	Botany	UV-B RADIATION AND PLANT LIFE MOLECULAR BIOLOGY TO ECOLOGY	Jordan	2017	17966.44
PARS	Mathematics	VECTOR AND TENSORS ANALYSIS FOR SCIENTISTS AND ENGINEERS, 3RD ED	Shah		640
PARS	English	WHO'S WHO OF TWENTIETH CENTURY NOVELISTS	Woods	2001	15051.66
PARS	Management	ZERO TO ONE: NOTES ON STARTUPS	Peter Thiel	2014	1750
T. T. SINGH	Chemistry	A MICROSCALE APPROACH TO ORGANIC LABORATORY TECHNIQUES	Pavia, D.L., G.S. Kriz, G.M. Lampman and R.G. Engel	2013	18725
T. T. SINGH	Poultry	ACHIEVING SUSTAINABLE PRODUCTION OF POULTRY MEAT VOLUME 1: SAFETY, QUALITY AND SUSTAINABILITY	Applegate, T	2017	24112
T. T. SINGH	Poultry	ACHIEVING SUSTAINABLE PRODUCTION OF POULTRY MEAT VOLUME 2: BREEDING AND NUTRITION	Applegate, T	2017	23936

T. T. SINGH	Poultry	ACHIEVING SUSTAINABLE PRODUCTION OF POULTRY MEAT VOLUME 3: HEALTH AND WELFARE	Applegate, T	2017	25168
T. T. SINGH	Chemistry	ADVANCED INORGANIC CHEMISTRY	Cotton, F.A. and G.Wilkinson	2010	1929
T. T. SINGH	Nutrition	ADVANCED NUTRITION AND HUMAN METABOLISM, 7TH ED.	S.S Gropper and J.L,Smith		10822.24
T. T. SINGH	Chemistry	ADVANCED ORGANIC CHEMISTRY	March, J.	2013	2450
T. T. SINGH	Poultry	ADVANCES IN POULTRY WELFARE	Mench, J	2017	29216
T. T. SINGH	Nutrition	ADVANCES NUTRITION : MACRONUTRIENTS, MICRONUTRIENTS AND METABOLISM, 3RD ED.	C,D Berdanier and J.Zempleni		15831.2
T. T. SINGH	Nutrition	AN INTRODUCTION TO COMMUNITY AND PUBLIC HEALTH, 9TH ED.	J.F Mckenzie and R,R Pinger		19360
T. T. SINGH	Chemistry	ANALYTICAL CHEMISTRY	Christain, G. D.	2015	27300
T. T. SINGH	Poultry	ANIMAL AGRICULTURE: SUSTAINABILITY, CHALLENGES AND INNOVATIONS	Bazer, F. W., G. C. Lamb, and G. Wu	2019	35200
T. T. SINGH	Chemistry	APPLIED CHEMISTRY: THEORY AND PRACTICE	Vermani, O. P.	2010	7350
T. T. SINGH	Nutrition	APPLIED NUTRITION, 2ND ED.	S.Rawat		50160
T. T. SINGH	Chemistry	ATKINS PHYSICAL CHEMISTRY	Atkins, P and J. Paula	2013	11725
T. T. SINGH	Poultry	AVIAN NUTRITION: POULTRY, RATITE AND TAMED BIRDS.	Pathak, N	2020	17600
T. T. SINGH	Poultry	AVIAN POULTRY PRODUCTION: 2ND REVISED AND ENLARGED EDITION	Sapcota, D., D Narahari and J D Mahanta		5280
T. T. SINGH	Poultry	AVIAN REPRODUCTION: FROM BEHAVIOR TO MOLECULES.	Sasanami, T.	2017	24640
T. T. SINGH	Biochemistry	BASIC CLINICAL LABORATORY TECHNIQUES	Estridge, B.H. and A.P. Reynolds	2012	20125
T. T. SINGH	Biochemistry	BIOCATALYSTS AND ENZYME TECHNOLOGY	Buchholz, K., V. Kasche and U.T. Bornscheuer	2012	19425
T. T. SINGH	Biochemistry	BIOCHEMISTRY	Stryer, L.	2012	18375
T. T. SINGH	Biochemistry	BIOLOGICAL SAFETY: PRINCIPLES AND PRACTICES	Dawn, P.W., K.B. Byers.	2017	25025
T. T. SINGH	Poultry	BIOLOGY OF DOMESTIC ANIMALS	Scanes, C. G., and R. A. Hill.	2017	2288
T. T. SINGH	Chemistry	BIOS INSTANT NOTES IN ANALYTICAL CHEMISTRY	Kealey, D and P. L Haines	2012	7875
T. T. SINGH	Poultry	BROILER SIGNALS: A PRACTICAL GUIDE FOR BROILER FOCUSED MANAGEMENT	Koos Van Middelkoop Maarten De Gussem	2013	17600
T. T. SINGH	Literature	BUTT TAMIZIAN	Yunas Butt	2020	1000
T. T. SINGH	Chemistry	CHEMICALS PRINCIPLES	Atkins, P. and L. Jones	2010	48825
T. T. SINGH	Chemistry	CHROMATOGRAPHY: CONCEPTS AND CONTRASTS	Miller, J.M.	2005	16800
T. T. SINGH	Biochemistry	CLINICAL BIOCHEMISTRY AND METABOLIC MEDICINE	Crook, M. A.	2012	11025
T. T. SINGH	Biochemistry	CLINICAL CHEMISTRY: TECHNIQUES, PRINCIPLES, CORRELATIONS	Bishop, M. L.,	2010	15000
T. T. SINGH	Poultry	COMMERCIAL CHICKEN MEAT AND EGG PRODUCTION	Bell, D.D. and W.D. Weaver.	2007	43120
T. T. SINGH	Business	ECONOMY OF PAKISTAN, 1ST EDITION. INDEPENDENTLY PUBLISHED PAKISTAN.	Kushnir, I.	2019	880
T. T. SINGH	Chemistry	ELECTROANALYTICAL METHODS: GUIDE TO EXPERIMENTS AND APPLICATIONS	Fritz, S.	2010	16100
T. T. SINGH	Nutrition	ELEMENTS OF FOOD AND NUTRITION	J.A Awan		320
T. T. SINGH	Poultry	ENCYCLOPEDIA OF BROILER BREEDER PRODUCTION , FEEDING AND MANAGEMENT TECHNIQUES (POULTRY FARMING AND FEED FORMULATIONS)	Michael Youn	2016	52624
T. T. SINGH	Chemistry	ENERGY, ENTROPY AND ENGINES: AN INTRODUCTION TO THERMODYNAMICS	Sanjeev Chandra	2016	14700
T. T. SINGH	Biochemistry	ENZYME TECHNOLOGY	Prasad, N.K.	2011	5075
T. T. SINGH	Nutrition	ESSENTIALS OF HUMAN NUTRITION, 5TH ED.	J.Man and A.S Truswell		4400
T. T. SINGH	Biochemistry	ESSENTIALS OF MEDICAL	Mushtaq Ahmed	2011	1000

		BIOCHEMISTRY VOL-I			
T. T. SINGH	Biochemistry	ESSENTIALS OF MEDICAL BIOCHEMISTRY VOL-II	Mushtaq Ahmed	2011	1000
T. T. SINGH	Chemistry	ESSENTIALS OF ORGANIC CHEMISTRY	Bruice, P.	2013	33600
T. T. SINGH	Chemistry	EXPERIMENTAL PHYSICAL CHEMISTRY	Palmer, W.G.	2009	15923
T. T. SINGH	Biochemistry	FERMENTATION MICROBIOLOGY AND BIOTECHNOLOGY	Allman, A.R.	2011	2275
T. T. SINGH	Business	FINANCIAL MANAGEMENT PRACTICES IN PAKISTAN. MULTI-AUTHOR BOOK, 1ST EDITION, UNIVERSITY OF AGRICULTURE, FAISALABAD	Hamid, K. and Zia, MY	2019	1056
T. T. SINGH	Business	FINANCIAL MANAGEMENT; PRINCIPLES AND APPLICATIONS, 13TH EDITION. PEARSON EDUCATION, LONDON, UK	Titman, S. Keown, A.J. and Martin, J. D.	2017	20240
T. T. SINGH	Chemistry	FLAVONOIDS: CHEMISTRY, BIOCHEMISTRY AND APPLICATIONS	Oyvind, M. A. and R.M. Kenneth.	2010	65100
T. T. SINGH	Nutrition	FOOD ANALYSIS MANUAL, 4TH ED.	J.A Awan& S.U Rehman	2017	160
T. T. SINGH	Nutrition	FOOD MICROBIOLOGY :AN INTRODUCTION, 4TH ED.	T.J Montville , K.R Mathws and K.E Kniel		17952
T. T. SINGH	Nutrition	FOOD MICROBIOLOGY, 7TH ED.	M.R Adams , M.O.Moss and P.Mcclure		5966.4
T. T. SINGH	Nutrition	FOOD PRESERVATION MANUAL, 3RD ED.,	J.A Awan& S.U Rehman		4400
T. T. SINGH	Nutrition	FOOD PROCESSING AND PRESERVATION	J.A Awan	2011	300
T. T. SINGH	Nutrition	FOOD PROCESSING HANDBOOK,2ND ED.	JG.Brennan		74800
T. T. SINGH	Nutrition	FOOD PROCESSING TECHNOLOGY, 4THD	P.J Fellow		12657.92
T. T. SINGH	Nutrition	FOOD SAFETY MANAGEMENT : A PRACTICAL GUIDE FOR THE FOOD INDUSTRY	Y.Motarjemi and H.Lelieveld		24632
T. T. SINGH	Nutrition	FOOD SCIENCE AND TECHNOLOGY	J.A Awan& S.U Rehman	2011	300
T. T. SINGH	Nutrition	FOOD SCIENCE, 5TH ED.,	N.N.Potter & J.H.Hotchkiss	2020	5811.52
T. T. SINGH	Chemistry	FUNDAMENTALS OF ANALYTICAL CHEMISTRY	Skoog, D. A., P.M West, F.J. Holler and S.R. Crouch	2013	17850
T. T. SINGH	Biochemistry	FUNDAMENTALS OF BIOCHEMISTRY	Voet, D., J.G. Voet and C.W. Pratt	2013	8050
T. T. SINGH	Chemistry	FUNDAMENTALS OF ENVIRONMENTAL CHEMISTRY	Manahan, S.E.	2012	1176
T. T. SINGH	Nutrition	FUNDAMENTALS OF FOOD MICROBIOLOGY, 5TH ED.	B.Ray and A.Bhunia		16864.32
T. T. SINGH	Biochemistry	GENE CLONING AND DNA ANALYSIS	Brown, T.	2016	2275
T. T. SINGH	Animal	GENETIC ENGINEERING IN LIVESTOCK-NEW APPLICATIONS AND INTERDISCIPLINARY PERSPECTIVES. SPRINGER-VERILOG BERLIN HEIDELBERG, GERMANY	Engelhard, M., K. Hagen and M. Boysen (Eds.).	2009	86064
T. T. SINGH	Animal	GENETICS OF POPULATIONS, 4TH ED.	Philip W. Hedrick	2010	55440
T. T. SINGH	Animal	GENETICS: ANALYSIS OF GENES AND GENOMES, 7TH ED.	Hartl, L. 2009	2009	52096
T. T. SINGH	Animal	GENETICS–A CONCEPTUAL APPROACH. 4TH ED	Pierce, B.A	2012	41360
T. T. SINGH	Management	GIRL, STOP APOLOGIZING	Rachel Hollis	2019	3850
T. T. SINGH	Nutrition	GLOBAL FOOD SECURITY : EMERGING ISSUES AND ECONOMIC IMPLICATIONS	A. Munir Hanjra	2013	42240
T. T. SINGH	Nutrition	HANDBOOK OF FOOD PRESERVATION, 3RD ED	M.S Rahman		44000
T. T. SINGH	Nutrition	HANDBOOK OF FOOD SAFETY ENGINEERING	D.Sun		77220
T. T. SINGH	Poultry	HANDBOOK OF POULTRY PRODUCTION AND MANAGEMENT	Jadhav, N.V. and M.F. Siddiqui	2007	7040
T. T. SINGH	Biochemistry	HARPERS ILLUSTRATED BIOCHEMISTRY	Rodwell, V. and D. Bender.	2015	8225
T. T. SINGH	Biochemistry	HARPERS ILLUSTRATED BIOCHEMISTRY, 32ND ED, LATEST	Victor W. Rodwell, Peter J. Kennelly, David	2018	3000

		EDITION	Bender ·		
T. T. SINGH	Biochemistry	HASHMI'S MEDICAL BIOCHEMISTRY MCQS	Hashmi	2015	1000
T. T. SINGH	Nutrition	HUMAN NUTRITION, 12TH ED.	C.Geissler and H ,Powers	2020	34305
T. T. SINGH	Chemistry	INDUSTRIAL CHEMISTRY	Das, R.K	2011	1225
T. T. SINGH	Biochemistry	INDUSTRIAL MANAGEMENT: AN INTRODUCTION	Kumar, A.	2015	7350
T. T. SINGH	Biochemistry	INDUSTRIAL MANAGEMENT: CONTROL AND PROFIT	Halevi, G.	2014	21525
T. T. SINGH	Chemistry	INORGANIC CHEMISTRY	Housecraft, C. and A.G. Sharpe	2012	11457.275
T. T. SINGH	Chemistry	INORGANIC CHEMISTRY	Shriver, D. F and P.W. Atkins	2015	6475
T. T. SINGH	Chemistry	INORGANIC CHEMISTRY: PRINCIPLES OF STRUCTURE AND REACTIVITY	Huheey, J.E., E.A, Keiter and R.L. Keiter	2011	3257
T. T. SINGH	Chemistry	INSTRUMENTAL METHODS OF CHEMICAL ANALYSIS	Sharma, B.K.	2015	12250
T. T. SINGH	Animal	INTRODUCTION TO BIOTECHNOLOGY, 3RD ED	Thieman, W. J. and M. A. Palladino	2012	18550.4
T. T. SINGH	Chemistry	INTRODUCTION TO GREEN CHEMISTRY	Matalack, A.	2010	17501.57
T. T. SINGH	Chemistry	INTRODUCTION TO SPECTROSCOPY	Pavia, D.L., G.M. Lampman and G.S. Kriz	2014	7091
T. T. SINGH	Statistics	INTRODUCTION TO STATISTICAL THEORY PART-I	Prof Sher M. & Dr. Shahid Kamal	2021	450
T. T. SINGH	Statistics	INTRODUCTION TO STATISTICAL THEORY PART-II	Prof Sher M. & Dr. Shahid Kamal	2021	400
T. T. SINGH	Biochemistry	INTRODUCTORY PRACTICAL BIOCHEMISTRY	Sawhney, S. K. and R. Singh	2010	5600
T. T. SINGH	Biochemistry	IPR BIOSAFETY AND BIOETHICS	Goel, D. and S. Parashar	2013	2625
T. T. SINGH	Literature	JANNAT KAY PATTAY	Nimra Ahmad	2004	1000
T. T. SINGH	Nutrition	KRAUSE'S FOOD, NUTRITION AND DIET THERAPY, 14TH ED	I.K Mahan ,S.Escott-Stump and J.I Raymond	.	2613.2
T. T. SINGH	Chemistry	LABORATORY MANUAL FOR PRINCIPLES OF GENERAL CHEMISTRY	Beran, J.A.	2014	21700
T. T. SINGH	Poultry	LAYER SIGNALS: A PRACTICAL GUIDE FOR LAYER FOCUSED MANAGEMENT	Monique Bestman	2013	15840
T. T. SINGH	Biochemistry	LEHNINGER PRINCIPLES OF BIOCHEMISTRY	Nelson, D.L. and M.M. Cox.	2017	14000
T. T. SINGH	Biochemistry	LEHNINGER PRINCIPLES OF BIOCHEMISTRY, 8TH EDITION	David L. Nelson	2021	14000
T. T. SINGH	Biochemistry	LIPPINCOTT ILLUSTRATED REVIEWS. 7TH ED.	Ferrier, D. R.	2016	5000
T. T. SINGH	History	MAIN NE DHAKA DOOBTE DEKHA	Siddiq Salk		1000
T. T. SINGH	Literature	MAN O SALVA	Umaira Ahmad		1000
T. T. SINGH	Chemistry	MEDICINAL CHEMISTRY	Sriram, D. and P. Vogeewari.	2010	5600
T. T. SINGH	Nutrition	METHODS IN FOOD ANALYSIS	R.M.S Cruz , I. Khmelinskii and M.Vieira		22869.44
T. T. SINGH	Biochemistry	MODERN EXPERIMENTAL BIOCHEMISTRY	Boyer, R.F.	2014	25025
T. T. SINGH	Poultry	MODERN LIVESTOCK AND POULTRY PRODUCTION	Flanders, F., and J. R. Gillespie.	2015	17600
T. T. SINGH	Chemistry	MODERN PHYSICAL CHEMISTRY	Silbey, R.J., R.A. Alberty and M.G. Bawendi	2011	20300
T. T. SINGH	Zoology	MOLECULAR BIOLOGY OF THE CELL	Wilson, J. and T. Hunt.	2015	9275
T. T. SINGH	Animal	MOLECULAR CELL BIOLOGY, 8TH EDITION.	Lodish, H., Berk, A., Zipursky, S. L., Matsudaira, P., Baltimore, D., and Darnell, J. E. W. H. Freeman,	2016	62656
T. T. SINGH	Animal	MOLECULAR GENETICS OF BACTERIA, 4TH EDITION	Larry Snyder, Joseph E. Peters, Tina M. Henkin, Wendy Champness	2013	67760
T. T. SINGH	Poultry	NUTRITION AND FEEDING OF ORGANIC POULTRY, 2ND EDITION	Blair, R.	2018	26400
T. T. SINGH	Nutrition	NUTRITION IN PUBLIC HEALTH : A HANDBOOK FOR DEVELOPING	S.Edelstein		5132.16

		PROGRAMS AND SERVICES, 2ND ED.			
T. T. SINGH	Nutrition	NUTRITION IN THE PRESERVATION AND TREATMENT OF DISEASE, 4TH ED.	A.Coulston and C.J.Boushey		19006.24
T. T. SINGH	Nutrition	NUTRITION THROUGH LIFE CYCLE, 6TH ED.	J.F Brown		27806
T. T. SINGH	Nutrition	NUTRITIONAL ASSESSMENT OF ATHLETES, 2ND ED.	J.A Driskell and I.Wolinsky		5517.6
T. T. SINGH	Nutrition	NUTRITIONAL ASSESSMENT, 7TH ED	D.C.Lee and D.C.Nieman		29920
T. T. SINGH	Biochemistry	NUTRITIONAL BIOCHEMISTRY OF THE VITAMINS	Bender, D.A.	2010	3000
T. T. SINGH	Nutrition	NUTRITIONAL BIOCHEMISTRY OF VITAMINS, 2ND ED.	D.A Bender		26222
T. T. SINGH	Nutrition	NUTRITIONAL SCIENCES : FROM FUNDAMENTALS TO FOOD, 3RD ED.	M.Mcguire and K.A.Berman		50503.2
T. T. SINGH	Literature	OLD MAN AND THE SEA	Ernest Hemingway		1054
T. T. SINGH	Chemistry	ORGANIC CHEMISTRY	Morison and Boyd	2011	15925
T. T. SINGH	Chemistry	ORGANIC CHEMISTRY	Solomon, T.W.G.	2014	8783.465
T. T. SINGH	Chemistry	ORGANIC CHEMISTRY	Claydem, J., N. Greeves and S. Warren	2012	17150
T. T. SINGH	Chemistry	ORGANIC CHEMISTRY	Carey, F.A., R.M. Giuliano.	2013	7701.915
T. T. SINGH	Chemistry	ORGANIC REACTION AND THIRD MECHANISM	Kalsi, P.S.	2010	4900
T. T. SINGH	Chemistry	PHYSICAL CHEMISTRY	Alberty, R.A. and Silvey	2012	12752.86
T. T. SINGH	Chemistry	PHYSICAL CHEMISTRY	Ball, D.W.	2017	16450
T. T. SINGH	Chemistry	PHYSICAL CHEMISTRY	Castellan, G. W.	2014	2170
T. T. SINGH	Poultry	POULTRY BEHAVIOR AND WELFARE	Michael C. Appleby	2004	12320
T. T. SINGH	Animal	POULTRY BREEDING AND GENETICS	Crawford, R.D.	1990	54912
T. T. SINGH	Poultry	POULTRY DISEASES, PRODUCTION & ITS MANAGEMENT	Sharma, S.	2019	10560
T. T. SINGH	Poultry	POULTRY FARMING	Tmara Brown	2010	24640
T. T. SINGH	Animal	POULTRY GENETICS, BREEDING AND BIOTECHNOLOGY. CAB INTERNATIONAL.	Muir, W.M. and S.E. Aggrey	2003	54384
T. T. SINGH	Poultry	POULTRY PRODUCTION IN HOT CLIMATES	Daghir, N.J.	2008	880
T. T. SINGH	Poultry	POULTRY PRODUCTION IN THE TROPICS: A COMPLETE GUIDE	Ugochukwu C. Adindu	2018	2464
T. T. SINGH	Poultry	POULTRY SCIENCE: 5TH EDITION	Scanes, C. G., and K. D. Christensen	2019	10560
T. T. SINGH	Animal	PRINCIPLES OF GENETICS, 7TH EDITION. PUBLISHED BY WILEY,	D. Peter Snustad, Michael J. Simmons	2016	39600
T. T. SINGH	Biochemistry	PRINCIPLES OF HUMAN NUTRITION	Eastwood, M.	2013	23275
T. T. SINGH	Nutrition	PRINCIPLES OF HUMAN NUTRITION, 2ND ED.	M.Eastwood		26398.24
T. T. SINGH	Nutrition	PRINCIPLES OF NUTRITION ASSESSMENT, 2ND ED.	R.S Gibson		4039.2
T. T. SINGH	Chemistry	PRINCIPLES OF ORGANIC SYNTHESIS, LATEST ED	Coxon, J.M. and R.O.C. Norman.		37625
T. T. SINGH	Chemistry	QUANTITATIVE CHEMICAL ANALYSIS	Harris, D.C.	2011	12011.17
T. T. SINGH	Management	RICH DAD, POOR DAD	Robert Kiyosaki and Sharon Lechter	2011	2259
T. T. SINGH	Chemistry	SHREVE’S CHEMICAL PROCESS INDUSTRY	Austin, G.T	2015	6825
T. T. SINGH	Management	SOMETHING FOR NOTHING	Brian Tracy	2004	3000
T. T. SINGH	Chemistry	SPECTROMETRIC IDENTIFICATION OF ORGANIC COMPOUNDS	Silverstein, R.M., G. C. Bassler and T.C. Morrill	2014	10850
T. T. SINGH	Chemistry	STRUCTURE AND MECHANISM IN ORGANIC CHEMISTRY	ingold C.K.	2010	1005
T. T. SINGH	Management	TALEEMI KAMYABI	Arshad Javed	2009	300
T. T. SINGH	Chemistry	TEXT BOOK OF POLYMER SCIENCE	Bilmeyer, F.W.	2015	14544
T. T. SINGH	Biochemistry	TEXTBOOK OF HUMAN NUTRITION	Bamji, M.S., K. Krishnaswamy and G.N.W. Brahmam	2010	4725
T. T. SINGH	Nutrition	TEXTBOOK OF HUMAN NUTRITION, 12TH ED.	Bamji , M.S., N.P Rao& V, Reddy		9319.2
T. T. SINGH	Biochemistry	TEXTBOOK OF MEDICAL BIOCHEMISTRY	Chatterjea, M.N. and R. Shinde	2012	4375
T. T. SINGH	Nutrition	TEXTBOOK OF MEDICAL PHYSIOLOGY, 13TH ED.	A.V Guyton		28864

T. T. SINGH	Chemistry	THE ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS	Crabtree, R.H.	2011	1431
T. T. SINGH	Animal	UNDERSTANDING ANIMAL BREEDING	Bourdon, R. M.	2000	33264
T. T. SINGH	Animal	UNDERSTANDING GENETICS: DNA GENES AND THIRD REAL-WORLD APPLICATION.	David Sadawa	2013	50864
T. T. SINGH	Nutrition	UNDERSTANDING NORMAL AND CLINICAL NUTRITION, 12TH ED.	Rolfes,Pinna and Whitney		10822.24
T. T. SINGH	Nutrition	UNDERSTANDING NUTRITION, 16TH ED	E.Whitney and S.R Roltes		8544.8
T. T. SINGH	Chemistry	UNDERSTANDING PHYSICAL CHEMISTRY	Dor Ben-Amotz	2014	15178.74
T. T. SINGH	Chemistry	VOGEL’S TEXT BOOK OF PRACTICAL ORGANIC CHEMISTRY, LATEST ED	Furniss, B.S., A.J. Hannaford, P.W.G. Smith and A.R. Tatchell		20425
T. T. SINGH	Nutrition	WARD LAW'S PERSPECTIVES IN NUTRITION, 12TH ED	Byrd-Bredbenner,C.,G Moe ,D Beshgetoor and J.Berning		13888.16
T. T. SINGH	Management	ZERO TO ONE: NOTES ON STARTUPS	Peter Thiel	2014	1750

Section VIII.

Sample Forms

Sample Forms

1.	Bid Form and Price Schedules	90,91
2.	Manufacturer’s/Distrbutor's/Dealer's Certificate Form	92

1. Bid Form and Price Schedules

To:

Date: _____

Tender No. _____

Muhammad Umar Farooq,
Librarian,
Department of Library,
University of Agriculture,
Faisalabad.

Gentlemen and/or Ladies:

Having examined the bidding documents including Tender No.141/2021, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver *[description of goods and services]*in conformity with the said bidding documents for the sum of *[total bid amount in words and figures]*or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid. We understand that failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect will be at our risk and may result in the rejection of its bid.

If our bid is accepted, we undertake to provide a performance security in the form, in the amounts, and within the times specified in the bidding documents and to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements. Failure to which, the Purchaser reserve the right to take action as per provisions of the bidding documents.

We agree to abide by this Bid for the Bid Validity Period specified in Clause 16.1 of the Bid Data Sheet and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
_____	_____	_____
_____	_____	_____
_____	_____	_____
(if none, state “none”)		

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any bid you may receive.

We certify/confirm that we comply with all requirements as per ITB Clause 2 of the bidding documents.

Dated this _____ day of _____ 20_____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

Price Schedule for Goods Offered from within the Purchaser's Country

Name of Bidder _____.Tender Number _____.Page _ of ____.

1	2	3	4	5
Item	Description	Country of origin	Quantity	Price including all Taxes

Signature of Bidder _____

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

Manufacturer's/Distributor's/Dealer's Certificate Form

[See Clause 13.3 (a) of the Instructions to Bidders.]

To: *[name of the Purchaser]*

WHEREAS *[name of the Manufacturer/Distributor/Dealer]* who are established and reputable Manufacturer/Distributor/Dealer of *[name and/or description of the goods]* having factories/Warehouse/trading house at *[address of factory]*

do hereby authorize *[name and address of Agent]* to submit a bid, and subsequently negotiate and sign the Contract with you against Tender No. *[reference of the Invitation to Bid]* for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids.

[signature for and on behalf of Manufacturer]

Note: This letter of authority should be on the letterhead of the Manufacturer/Distributor/Dealer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.