GC WOMEN UNIVERSITY SIALKOT

Office of the Purchase Officer

Tel# 052-9250649

www.gcwus.edu.pk

Ref# GCWU/SKT/PO/22-23/03. Date: 01-09-2022

TENDER DOCUMENT FOR (I). LABORATORY EQUIPMENT (II). ICT FACILITIES (III). FURNITURE & FIXTURE (IV). BOOKS & JOURNALS

Issued to: _____

Table of Contents

S#	Description	Page #
	Table of Contents	1
1	Invitation to the Bid	2
2	Instructions to the Bidders	2
	Terms and Conditions of the Tender	3
3	Definitions	3
4	Tender Eligibility	4
5	Examination of the Tender Document	4
6	Clarification of the Tender Document before deadline of submission	4
7	Bid Currency	4
8	Validity Period of the Bid	4
9	Bid Security	5
10	Bid Preparation and Submission	5
	Detail and Order of Documents to be furnished with the Technical proposal	5
11	Modification and withdrawal of the Tender	7
12	Bid Opening	7
13	Preliminary Examination	7
14	Determination of the Responsiveness of the Bid	7
15	Technical Evaluation Criteria	8
16	Financial Proposal Evaluation	8
17	Rejection and Acceptance of the Tender	9
18	Contacting the Procuring Agency	9
19	Announcement of Evaluation Report	9
20	Award of Contract	9
21	Refund of Bid Security (BS)	9
22	Issuance of Supply Order or Signing the Contract	9
23	Redressal of Grievances by the Procuring Agency	10
	General Conditions of Supply Order /Contract	10
24	Delivery of Items	10
25	Liquidated Damages	10
26	Inspection and Tests	10
27	Release of Performance Guarantee (PG)	10
28	Contract Amendment	11
29	Termination for Default	11
30	Blacklisting	11
31	Force Majeure	11
32	Termination of Insolvency	11
33	Forfeiture of Performance Security	12
34	Payment	12
35	Warranty	12
36	Technical Specification and Schedule of Requirement	13
Annexure-A: Technical Proposal Covering Letter		15
Annexure-B: Checklist		16
Annexure-C: Technical Bid Form		17
Annexure-D: Affidavit		18
Annexure-E: Financial Proposal Form		19
Annexure-F: Contract Agreement Form		20

INVITATION TO THE BID

1.1. Bids/Tenders are invited, for Tender Document for **(i). Laboratory Equipment (ii). ICT Facilities (iii). Furniture & Fixture (iv). Books & Journals** from FBR (Sales and Income Tax) Registered firms.

2. INSTRUCTIONS TO THE BIDDERS

2.1. Procurement will be made under Punjab Procurement Rules (PPRA 2014).

2.2. It will be clearly understood that the Terms and Conditions mentioned in this document are intended to be strictly enforced.

2.3. Bidders must ensure that they submit all the required documents indicated in the Tender / Bid Documents at the time of opening of Technical Bids and no request for submission of missing documents will be entertained after opening of the Technical Bids.

2.4. Bids without supporting documents, undertaking, valid documentary evidence, and bids not conforming to terms and conditions given in the Tender Document will be liable for rejection. Bids received after due time and date or bids without Bid Security in shape of CDR or CDR less than required amount or Bid Security in shape of Cheque/ Cross Cheque/pay order/ Demand Draft /Banker's Cheque shall be summarily rejected.

2.5. Vendors must quote their rates on the company letter pad / tender form according to the specifications. Hand written quoted rates will not be accepted.

2.6. Mode of Advertisement:

As per Rule 12 the advertisement is being placed on the website of PPRA Punjab (www.ppra.punjab.gov.pk) and GCWUS web site (www.gcwus.edu.pk)

2.7. Type of Open Competitive Bidding

As per Rule No. 38(2) a, Single stage two envelope procedures shall be followed with details given below:

2.7.1. The bid shall comprise of a single package containing two separate envelopes. Each envelope shall contain separately the financial proposal and the technical proposal;

2.7.2. The envelopes shall be marked as "FINANCIAL PROPOSAL" and "TECHNICAL PROPOSAL" in bold and legible letters to avoid confusion;

2.7.3. Initially, only the envelope marked "TECHNICAL PROPOSAL" shall be opened; The envelope marked as "FINANCIAL PROPOSAL" shall be retained in the custody of procuring agency without being opened;

2.7.4. The Purchaser shall evaluate the technical proposal under **PPRA Rule # 32** and in a manner prescribed in this document, without reference to the price and reject any proposal which does not conform to the specified requirements as listed in said Sections.

During the technical evaluation no amendments in the technical proposal shall be permitted;

2.7.5. The financial proposals of technically qualified bidders shall be opened publicly at a time, and venue announced and communicated to the bidders in advance;

2.7.6. After the evaluation and approval of the technical proposal the procuring agency, shall at a time within the bid validity period, publicly open the financial proposals of the technically accepted and qualified bids only. The financial proposal of bids found technically non-responsive shall be returned un-opened to the respective bidders.

2.8. BID DATA SHEET (Information for the Bidders)

1	Procuring Agency	Government College Women University Sialkot, Katchehry Road Sialkot
2	Tender Number	GCWU/SKT/PO/22-23/03.
3	Name of Tender	**(i). Laboratory Equipment (ii). ICT Facilities** **(iii). Furniture & Fixture (iv). Books & Journals**
4	Tender Document available place	Purchase Section, Government College Women University Sialkot, Katchehry Road Sialkot.
5	Cost of Tender Document	**Rs.1000/-** payable in A/C # 6580208768600042 at BOP Paris Road Branch Sialkot through Challan Form(Non Refundable) or online fee deposit. **(Challan form can be get from Purchase Office GCWUS)**
6	Bid Security	(i). Rs. 206,560/- for Laboratory Equipment (ii). Rs. 300,000/- for ICT Facilities (iii). Rs. 100,000/- for Furniture & Fixture (iv). Rs. 114,280/- for Books & Journals. **In shape of CDR in favor of "Treasurer, Government College Women University Sialkot"**
8	Performance Security	10% security will be retained from supplier's bill which will be returned after warranty period.
9	Tender Addressed to	Vice Chancellor Office, Government College Women University Sialkot, Katchehry Road Sialkot
6	Contact Number	Ph. 052-9250649
10	Due Date, Time and place of submission of Tender Document	05-10-2022 till 11:30 A.M Vice Chancellor Office, Government College Women University Sialkot, Katchehry Road Sialkot.
11	Date, Time and Place of Technical Bid Opening	05-10-2022 at 12:00 P.M at Meeting Hall of Government College Women University Sialkot, Katchehry Road Sialkot.
12	Date, Time and Place of the Financial Proposals	Shall be intimated subsequently to Technically Qualified firms

TERMS AND CONDITIONS OF THE TENDER

3. Definitions

3.1. "Purchaser" means Government College Women University Sialkot, Katchehry Road Sialkot

3.2. "GCWUS" means Government College Women University, Sialkot

3.3. "Bidder/Tenderer" means the Firm/Company/Supplier/Distributer that may

provide or provides the Goods and related services to any of the public sector organization under the contract and have registered for the relevant business thereof.

3.4. "Contract" means the agreement entered into between the Purchaser and the Contractor, in form of Supply Order or as recorded in the Contract Form signed by the parties, including all Schedules and Attachments thereto and all documents incorporated by reference therein.

3.5. "Contractor/The Successful Bidder" means the person whose Tender has been accepted and awarded letter of Acceptance followed by the Supply Order or Contract by the Purchaser.

3.6. "Contract Value" means that portion of the Contract Price adjusted to give effect to such additions or deductions as are provided for in the Contract which is properly apportion-able to the Goods or Services in question.

3.7. "Goods" means equipment, machinery, and/or other materials which the Contractor is required to supply to the Purchaser under the Contract.

3.8. "Services" means installation, configuration, deployment, commissioning, testing, training, support, after sale service, etc. of Goods and other such obligations which the Contractor is required to provide to the Purchaser under the Contract.

3.9. "PPRA" means Punjab Procurement Regulatory Authority.

4. TENDER ELIGIBILITY

Eligible Bidder/Tenderer is one who:

4.1. has valid registration certificates for Income Tax, Sales Tax and FBR;

4.2. is an active Income Tax Payer;

4.3. has got the Technical Staff to execute the work;

4.4. conforms to the clause of "Responsiveness of Bid" given in this tender document;

4.5. has not been blacklisted.

4.6. The Vendor should provide the Authorized Distributor Certificate from the Principal/Company.

4.7. After Sale Services, the vendor should provide the detailed profile of two engineers (Appointment Letter, Salary statement, Experience etc...).

4.8. The vendor should provide their relevant experience profile with National Institutes (Supply order, services etc).

4.9. The vendor should provide the original Warranty by the Principal....

5. EXAMINATION OF THE TENDER DOCUMENT

The bidder/Tenderer is expected to examine the Tender Document, including all terms and conditions.

6. CLARIFICATION OF THE TENDER DOCUMENT BEFORE DEADLINE OF SUBMISSION

6.1. The Purchase Committee of Government College Women University, Sialkot**,** at any time prior to the deadline for submission of the Tender, at its own initiative or in response to a clarification requested by the Bidder(s), amend the Tender Document, on any account, for any reason. All amendment(s) shall be part of the Tender Document and binding on the Bidder(s).

6.2. The Purchaser shall notify the amendment(s) in writing to the prospective Tenderers/Bidders.

6.3. The Purchaser may, at its exclusive discretion, amend the Tender Document to extend the deadline for the submission of the Tender, in which case all rights and obligations of the Purchaser and the Tenderers previously subject to the deadline shall thereafter be subject to the deadline as extended.

7. BID CURRENCY

Bidder should quote price in Pak Rupees for as tender notice.

8. VALIDITY PERIOD OF THE BID

8.1. Validity period of the bids shall be 90 days.

8.2. In exceptional circumstances, the Purchase Committee of Government College Women University, Sialkot may ask the Bidders for an extension of the period of validity. The request and the responses shall be made in writing. A bidder accepting the request will not be required nor permitted to modify its tender.

9. BID SECURITY

9.1. Bidder will submit Bid Security drawn in the name of Treasurer Government College Women University, Sialkot against each lot with details given below:

(The required amount of Bid Security, for each lot, does not exceed 2% of estimated cost of the lot)

Lot#	Item Name	Amount of Bid Security Rs)
1.	• **Laboratory Equipment**	**206,560/-**
2.	• **ICT Facilities**	**300,000/-**
3.	• **Furniture & Fixture**	**100,000/-**
4.	• **Books & Journals**	**114,280/-**

9.2. The Bid Security will be in form of CDR in favor of the Treasurer, Government College Women University, Sialkot.

9.3. Cheque/ Cross Cheque/pay order/ Demand Draft /Banker's Cheque shall be summarily rejected.

9.4. The amount submitted as Bid Security shall be refunded to the unsuccessful bidders after the decision for the award of the said tender.

9.5. The Bid Security of Successful Bidder(s) may be return after provision of supply along with invoice/bill.

9.6. If the Bid Security is found less than the required amount then the bid will be rejected irrespective of the rates and the stage of the bid process.

9.7. The Bid Security may be forfeited if a Bidder:

a) Refuses to accept supply order/ work order

b) Fails to furnish complete/partial supply of items**.**

10. BID PREPARATION AND SUBMISSION

10.1. The Tender shall be filed in / accompanied by the prescribed Forms, Annexes, Schedules, Drawings, Documents, Brochures, Literature, etc. which shall be completely filled in, stamped and signed by the Tenderer or his Authorized Representative. In case of copies, photocopies may be attested.

10.2. The Bids/Tenders should be submitted in two parts (1) **Technical Proposal** and (2) **Financial Proposal.** The Technical Proposal and Financial Proposal shall be submitted in separate covers.

10.3. TECHNICAL PROPOSAL

The Technical Proposal will enable the Purchase Committee to evaluate whether the bidder is technically competent and capable of executing the order and the specifications offered by the bidder meet the ones given in the Tender/Bid Documents. Only those bids which qualify in the

technical stage will be eligible for the Financial Proposal opening. The Financial Proposals of bidders who failed in the Technical stage will not be opened.

10.4. The Technical Proposal form as given in the Bid/Tender Document shall be filled, signed and stamped in all pages. The Purchase Committee will not be responsible for the errors committed in the bids by the bidders.

10.5. The Technical Proposal should not strictly contain any Price/Cost indications as such otherwise the bids will be summarily rejected.

10.6. The Bidder may quote brand/model/make of each item.

10.7. **Detail and Order of Documents to be furnished with the Technical proposal (Envelope A):**

The documents attached with the Technical Bid must be signed and stamped by the Authorized Representative of the Bidder. The documents attached must be numbered and attached in the following order:

10.7.1. Covering letter ***(Annexure-A)*** having reference number & date duly signed and stamped by authorized representative.

10.7.2. Copy of Income Tax Registration Certificate

10.7.3. Copy of Sales Tax Registration Certificate.

10.7.4. Detailed specification of items on letter pad.

1.1.1. Bid Security of amount (total amount of the relevant lot) mentioned in Clause No. 9 of the Tender Document in shape of CDR.

1.1.2. Affidavit/Undertaking Covering Letter on Stamp Paper ***(Annexure-D).***

FINANCIAL PROPOSAL

1.2. The Financial Proposal of the bidder shall also include the price break up of taxes/duties. All taxes/duties as applicable shall be responsibility of the bidders.

1.3. The cost quoted by the bidder shall be kept firm and unchanged for a period specified in the Bid/Tender Documents from the date of opening of the bids. The bidder shall keep the price firm/unchanged during the period of Contract including during the period of extension of time if any.

1.4. The quoted price will be inclusive of all taxes, duties, levies, insurance, freight (transportation charges), etc.

1.5. The Bid is liable for rejection if Financial Proposal contains conditional offer.

1.6. Vendors must quote their rates on the company letter pad / tender form according to the specifications. Hand written quoted rates will not be accepted.

1.7. **Details to be furnished with Financial proposal *(Envelope B)***

1.7.1. Financial Proposal Covering Letter **(Annexure E)**.

1.7.2. Financial Proposal Form duly filled, signed and stamped by the Bidder **(Annexure F).**

1.8. **Sealing the Bid**

1.8.1. The Technical Proposal shall be placed in a separate cover **(Envelope-A)** and sealed appropriately. The Technical Proposal cover shall be marked as **"Technical Proposal for (i). Laboratory Equipment (ii). ICT Facilities (iii). Furniture & Fixture (iv). Books & Journals** Bid Ref.: due on the "FROM" address and "TO" address shall be written without fail.

1.8.2. The Financial Proposal **(Envelope-B)** shall contain rates of item quoted by the bidder. The Financial Proposal cover shall be marked as **"Financial Proposal for (i).**

Laboratory Equipment (ii). ICT Facilities (iii). Furniture & Fixture (iv). Books & Journals Bid Ref.: due on: The "FROM" address and "TO" address shall be written without fail.

1.8.3. Out Cover: The Technical Proposal cover (Envelope-A) and Financial Proposal cover (Envelope B) shall then be put in a single outer envelope and sealed. The outer cover shall be marked as **"Bid for (i). Laboratory Equipment (ii). ICT Facilities (iii). Furniture & Fixture (iv). Books & Journals** Bid Ref.: due on ____. The "FROM" address and "TO" address shall be written without fail.

1.9. Mode of Submission of Bids

1.9.1. The Bid should be addressed to "Vice Chancellor Office, Government College Women University Sialkot, Katchehry Road Sialkot" and shall reach Vice Chancellor Office of Government College Women University, Sialkot, within given time period in tender notice, through valid Courier/Post.

1.9.2. The Bids received after Due Date and Time or Unsealed or incomplete or submitted by Fax or Email will be summarily rejected.

2. MODIFICATION/WITHDRAWAL OF THE TENDER

2.1. The Bidder may, by written notice served on the Purchaser, modify or withdraw the Tender after submission of the Tender, prior to the deadline for submission of the Tender.

2.2. The Tender, withdrawn after the deadline for submission of the Tender and prior to the expiration of the period of the Tender validity, shall result in forfeiture of the Tender Security.

3. BID OPENING

3.1. Technical Proposal Opening

The bid's outer cover and Technical Proposal cover will be opened by the Purchase Committee of Government College Women University, Sialkot on the date and time as specified in the Tender Notice /Bid Data Sheet. The bids will be opened in the presence of the bidders who choose to be present. Only one representative for each bidder would be allowed to attend the Bid Opening.

3.2. Suppression of facts and misleading information

3.2.1. During the bid evaluation, if any suppression or misrepresentation of information is brought to the notice of the Purchase Committee, the Committee shall have the right to reject the Bid and if it happens so after selection of the Bidder, the Purchase Committee may terminate the Contract or award of the Contract or further processing of the Bid as the case may be and that will be without any compensation to the Bidder and the Bid Security/Performance Guarantee, as the case may be, shall be forfeited.

3.2.2. It is the Bidder's responsibility to prove the Bidder's requisite qualification, experience and capacity to undertake the project to the entire satisfaction of the Purchase Committee failing which the Bid may be rejected.

4. PRELIMINARY EXAMINATION

4.1. The Procuring Agency shall examine the bids to determine whether they are complete, whether any computational errors have been made, whether the required documents have been furnished and properly signed, and whether the bids are generally in order.

4.2. In the financial bids (at the time of opening the financial proposal) the arithmetical errors shall 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 the Bidders/Suppliers do not accept the correction of the

errors, their bid shall be rejected. If there is a discrepancy between words and figures, the amount in words shall prevail.

5. DETERMINATION OF RESPONSIVENESS OF THE BID

5.1. The Purchaser shall determine the substantial responsiveness of the Tender to the Tender Document, prior to the Tender evaluation, on the basis of the contents of the Tender itself without recourse to extrinsic evidence. A substantially responsive Bid is one which:

5.1.1. meets a eligibility criteria for the Bidder / the Goods / the Services;

5.1.2. Meets all the mandatory requirements of the evaluation criteria.;

5.1.3. meets the Technical Specifications for the Goods / the Services;

5.1.4. meets the delivery period / point for the Goods / the Services;

5.1.5. is accompanied by the required Bid Security;

5.1.6. is otherwise complete and generally in order;

5.1.7. Conforms to all terms and conditions of the Tender Document, without material deviation or reservation

5.1.8. which offers Brand/Model/Make for each item (where applicable)

5.2. A material deviation or reservation is one which affects the scope, quality or performance of the Goods or limits the Purchaser's rights or the Bidder's obligations under the Contract.

5.3. The Tender determined as not substantially responsive shall not subsequently be made responsive by the Tenderer by correction or withdrawal of the material deviation or reservation. However, the Purchaser may waive off any minor non-conformity or inconsistency or informality or irregularity in the Tender.

6. TECHNICAL EVALUATION CRITERIA

The Bidders who have duly complied with the Eligibility/Qualification and Evaluation will be eligible for further processing.

The Bids which do not conform to the Technical Specifications or Bid conditions or the Bids from the Bidders without adequate capabilities for supply and maintenance / warranty services will be rejected. The Eligible/Technically Qualified Bidders will be considered for further evaluation.

Under PPRA Rules # 31, Technical Bids will be evaluated on the basis of following criteria and Financial Bids of only those bidders will be opened who have fulfilled the criteria:

Evaluation Criteria	Requirement
Sales Tax Registration	**Mandatory**
Income Tax Registration	**Mandatory**
Conformance to the required specification of items given in Schedule of Requirement	**Mandatory**
Bid Security in Shape of CDR original	**Mandatory**
Affidavit /Bidder's Undertaking on stamp paper	**Mandatory**

The bidder must provide Verifiable documentary proof against all the mandatory requirement and Evaluation Criteria along with the Technical Proposal and no document will be received or considered after opening of the Technical Proposal.

The Purchase Committee may ask for physical Demonstration of any of the items given in the Tender Document for confirmation of the specifications.

7. FINANCIAL PROPOSAL EVALUATION

7.1. Technically qualified/successful bidder(s)/Tenderer(s) shall be called for opening of the Financial Proposal(s). The Financial Proposals will be opened in the presence of the Bidders at the time and venue indicated by the Purchaser accordingly. The technically Eligible/Successful Bidder(s)/Tenderer(s) or their authorized representatives against each Lot shall be allowed to take part in the Financial Proposal(s) opening against their relevant Lot(s).

7.2. Financial Proposal evaluation will be conducted under the Punjab Procurement Rules, 2014. The Price evaluation will include all duties, taxes and expenses etc. In case of any exemption of duties and taxes made by the Government in favor of the Purchaser, the contractor shall be bound to adjust the same in the Financial Proposal.

8. REJECTION AND ACCEPTANCE OF THE TENDER/BID

8.1. The Purchaser shall have the right, at his exclusive discretion, to increase / decrease the quantity of any or all item(s), under PPRA Rules 2014 without any change in unit prices or other terms and conditions, accept a Tender reject any or all tender(s), cancel / annul the Tendering process at any time prior to award of Contract, without assigning any reason or any obligation to inform the Tenderer of the grounds for the Purchaser's action, and without thereby incurring any liability to the Tenderer and the decision of the Purchaser shall be final.

8.2. The Tender / bid shall be rejected if:

8.2.1. It is substantially non-responsive; or

8.2.2. The bidder does not meet any of the mandatory criteria mentioned in Clause No. 15; or

8.2.3. It does not contain the documentary proof against any of the mandatory criteria mentioned in Clause No. 15; or

8.2.4. The bid is incomplete, conditional, alternative, late; or

8.2.5. The bid fee in said form is not provide;

8.2.6. the bidder does not attach Bid Security in Shape of CDR; or

8.2.7. the bid security is not attached or it is less than the required amount; or

8.2.8. the Bidder submits more than one Bids against one Tender; or

8.2.9. the Bidder tries to influence the Tender evaluation / Contract award; or

8.2.10. the Bidder engages in corrupt or fraudulent practices in competing for the Contract award; or

8.2.11. there is any discrepancy between bidding documents and bidder's proposal i.e. any non-conformity or inconsistency or informality or irregularity in the submitted bid; or

8.2.12. The Bidder submits any financial conditions as part of its bid which are not in conformity with tender document.

9. FOR BOOKS & JOURNALS

9.1.1. Each item/title will be dealt individually/separately.

9.1.2. The supply orders to booksellers will be issued as per their lowest bid/quoted titles.

9.1.3. Original and copyright editions only.

9.1.4. The bidders will mention the latest editions of books.

9.1.5. Pirated copies and sub-standard printing etc. will not be accepted.

9.1.6. Complete lot quoted will not compulsory for books & journals.

10. CONTACTING THE PROCURING AGENCY

10.1. No Bidder shall contact the Purchase Committee of Government College Women University, Sialkot on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded.

10.2. Any effort by a Bidder to influence the Procuring Agency in its decisions on bid evaluation, bid

comparison, or Contract Award will disqualify the bidder and rejection of the bid. Canvassing by any Bidder at any stage of the Tender evaluation is strictly prohibited.

11. ANNOUNCEMENT OF EVALUATION REPORT

The Procuring Agency shall announce the results of bid evaluation in the form of a report giving justification for acceptance or rejection of bids at least ten days prior to the award of Contract. The report shall be made available on PPRA website and all the bidders shall be informed of this.

12. AWARD OF CONTRACT

12.1. The Tender will be awarded to the Lowest Evaluated Bidder who has been declared Technically Qualified.

13. REFUND OF BID SECURITY (BS)

The BS of the unsuccessful Bidder will be refunded on the written request of the Bidder. The Bid Security of the successful bidder shall be released after successfully completion of delivery.

14. ISSUANCE OF SUPPLY ORDER OR SIGNING THE CONTRACT

14.1. The Purchase Committee shall issue Supply Order or sign a Contract with the Successful bidder who has submitted the Performance Guarantee.

14.2. The Successful Bidder will provide the stamp paper of 0.25% of total order value for issuance of Supply Order or Signing the Contract.

15. REDRESSAL OF GRIEVANCES BY THE PROCURING AGENCY

15.1. Any bidder feeling aggrieved by any act of the procuring agency after the submission of his bid may lodge a written complaint along with copy of CNIC concerning his grievances not later than 10 days after the announcement of the bid evaluation report.

15.2. The committee shall investigate and decide upon the complaint within fifteen days of the receipt of the complaint.

15.3. Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.

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

GENERAL CONDITIONS OF CONTRACT / SUPPLY ORDER

16. DELIVERY OF ITEMS

16.1. Delivery Period will be counted after issuance of Letter of Acceptance with details given below:

16.2.

Item Name	No. of Days
• **(i). Laboratory Equipment**	30
• **(ii). ICT Facilities**	15
• **(iii). Furniture & Fixture**	30
• **(iv). Books & Journals**	15

16.3. The Supplier will be responsible for **delivery and installation** of Items at GCWU Sialkot as mentioned.

16.4. The supplier will bear all costs associated with the preparation, delivery and installation of the Items and the Purchaser will in no case be responsible or liable for those costs. The supplier will make such arrangements to ensure safe delivery of goods. Any damage sustained during transportation / delivery will be rectified by the supplier at his cost.

17. LIQUIDATED DAMAGES

17.1. When the supplier fails to deliver or install the goods or both within the time period specified in the contract, the Purchase Committee may, without prejudice to any other remedy it may have under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.1% of the price of the delayed goods per day of delay, maximum up to 10% of the price of total value of the contract.

17.2. The Successful Bidder will be responsible to provide the delivery, delivery Challan and Bill with Sales Tax Invoice within the delivery period in order to avoid Late Delivery Charges.

18. INSPECTION AND TESTS

18.1. The Inspection Committee of GCWUS shall inspect and test the Goods supplied, the Services provided, under the Contract/Supply Order, to verify their conformity to the Technical Specifications.

18.2. Inspection Committee may verify the authenticity of items from Supplier.

18.3. After the inspection or test if the Purchase Committee is of the opinion that items do not conform to the specification and the criteria mentioned above, the Inspection Committee may reject them, and the supplier shall either replace the rejected goods or make all alterations necessary to meet the requirements of the specifications free of cost to GCWUS.

19. RELEASE OF PERFORMANCE SECURITY

The performance security 10% will be refunded to the supplier's after completion of warranty period.

20. CONTRACT AMENDMENT

20.1. The Purchaser may, at any time, by written notice served on the Contractor, alter, amend, omit, increase, decrease or otherwise change the nature, quality, quantity and scope, of all / any of the Goods / the Services / the Works, in whole or in part.

20.2. No variation in or modification in the Contract shall be made, except by written amendment signed by both the Purchaser and the Contractor.

21. TERMINATION FOR DEFAULT

The Purchase Committee of Government College Women University, Sialkot may, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the tenderer, terminate this Contract in whole or in part if:

21.1. The bidder fails to provide services within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring entity.

21.2. the successful bidder fails to deliver goods and services as per its technical specifications offered in the bid

21.3. The successful bidder fails to perform any other obligation(s) under the Contract.

21.4. The bidder, in the judgment of the Purchase Committee has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

22. BLACKLISTING

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

23. Force Majeure

Majeure means an act of nature or an event beyond the control of the Supplier and not involving the Supplier's fault or negligence directly or indirectly purporting to misplanning, mismanagement and/or lack of foresight to handle the situation. Such events may include but are not restricted to acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, earthquakes, strikes, epidemics, quadrant in restrictions and freight embargoes. If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Agency in writing with sufficient and valid evidence of such condition and the cause thereof. The Committee constituted for Redressal of grievances, shall examine the pros and consof the case and all reasonable alternative means for completion of purchase order under the Contract and shall submit its recommendations to the competent authority. However, unless otherwise directed by the Procuring Agency in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek reasonable alternative means for performance not prevented by the Force Majeure event.

24. TERMINATION FOR INSOLVENCY

The Procuring Agency may at any time terminate the Contract by giving written notice of 30 days' time to the Supplier if the Supplier becomes bankrupt or otherwise in solvent. In this event, termination shall be without compensation to the Supplier, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to the Parties.

25. FORFEITURE OF PERFORMANCE SECURITY

25.1. If the Contractor fails / delays in performance of any of the obligations, under the Contract / violates any of the provisions of the Contract / commits breach of any of the terms and conditions of the Contract the Purchaser may, without prejudice to any other right of action / remedy it may have, forfeit Performance Security of the Contractor.

25.2. Failure to supply required items/services within the specified time period will invoke penalty as specified in this document. In addition to that, Performance Security amount will be forfeited and the company will not be allowed to participate in future tenders as well.

26. PAYMENT

26.1. 100% payment will be made by Government College Women University, Sialkot to the Successful Bidder after delivery and installation of goods and on receipt of the following documents:

i. Bill
ii. Delivery Challan
iii. General Sales Tax Invoice
iv. Inspection/Completion report
v. Bill of Entry of imported items

27. Warranty

27.1. Warranty of items shall be as per required in the Schedule of Warranty.

27.2. The Supplier shall confirm that the goods supplied under this contract are new and unused. The Supplier shall further warrant that all goods supplied under this contract shall have no defect arising from design materials or workmanship or from any act or omission of the supplier that may arise under the normal use of the supplied goods in the conditions prevailing in the University.

27.3. During the warranty period the Successful Bidder will provide comprehensive warranty of the items. The Purchase Committee shall notify the supplier in writing of any claim arising under the warranty. Upon receipt of such notice, the supplier shall repair or replace the defective goods or parts within **ten days**, inclusive of, where applicable, the cost of inland delivery of the repaired or replaced goods or parts from the port of entry to the final destination and their installation.

28. SPECIFICATIONS AND SCHEDULE OF REQUIREMENT

Sr. #	NAME OF ITEMS /SPECIFICATION	QTY.	UNIT PRICE WITH TAX
Lot# 1. LABORATORY EQUIPMENT			
DEPARTMENT OF BOTANY			
1	"Kjeldahl Distilling Equipment Overall Size 900x300/200x1000 mm Plate Size 120x120x60, 6ea mm Controller: Analog setting typex6sets Power Source: AC 230V 50/60Hz 1 phase"	01-Nos	
2	"BOD incubators (Refrigerated Incubators), Thermoscientific. Temperature Uniformity Microprocessor control with easy-to-read display shows actual temperature within 0.1°C Push-button controls for temperature set point selection Forced-air circulation delivers excellent temperature stability CFC-free, foamed polyurethane insulation prevents heat loss RTD temperature probe and protected set point mode prevent accidental temperature change Door key lock protects samples from unauthorized access"	01-Nos	
3	"Centrifuge machine Sigma 1-14, 90616 Bright LCD - Display: Large capacity 24 x 1.5 – 2.2 ml High speed 14800 RPM / 16162 xg RCF Short acceleration and deceleration, Low temperature increase during run, Easy handling, big buttons, Short and continuous run, 99 min timer, Two acceleration and deceleration curves"	01-Nos	
4	"Cell Culture CO2 Incubator, Interior Dimension: 490(W) x 523(D) x 665(H),Interior volume:170 litres / 6.0 cu.ft. Heating method: Direct Heat & Air Jacket (DHA type), Temperature range: 5°C above ambient temperature to +50°C, Temperature uniformity: ±0.25°C, Temperature controllability: ±0.1°C CO2 control system: On-Off control CO2 sensor: Thermal conductivity CO2 range: 0% to 20% CO2 controllability: ±0.15% Humidity system: Natural vaporization with water in humidity pan"	01-Nos	
5	"Chlorophyll meter with 4 batteries, Field Scout CM 1000 Chlorophyll Meter. Reflectance of 700 nm and 840 nm, light: Light Requirements, Natural sun light, Artificial light: 60 Hz AC	01-Nos	

	tungsten or, halogen powered by DC current, Contact Spectrum for use with 50 Hz, AC (Europe)Measurement Area, Conical field-of-view between 28.4 and 183 cm Index of relative chlorophyll content; 0 to 999. Logger Capacity 3250 readings without GPS/DGPS"		
6	"Laminar Flow Hood: 3 Feet Vertical, AL-VC-1000, External Size (mm) W1000×D700×H1800, Internal Size (mm) W900×D650×H600, Table Height(mm)750, Clean Class Level 100Class 0.3µm(ISO14644-1 International Standard), Rated Air Flow 900m3/h, Air Velocity 0.3-0.6m/s HEPA Efficiency 99.99% 0.3µm above (H13-H14), Vibration Half Peak damping separate countertops (optional),Noise ≤50dB, Material Cabinet: epoxy powder coated steel or stainless steel, Table-board: stainless steel, Illumination ≥300lux ,Noise ≤50dB, Power Supply 220V/50Hz"	01-Nos	
DEPARTMENT OF CHEMISTRY			
1	Analytical Balance, Display: 0.1mg, Capacity: 220g, Plate diameter 90mm, stainless steel weighing plate. Plate diaeter 90mm. (model: Kern ABS 220-4N+963-101or Equivalent)	01-Nos	
2	Sonicator Different ultrasonic modes, User protection, Adjustable limit temperature, Cleaning baskets, InsertsHoldersNoise protection box, Elmadry TD (model: Elmasonic Easy, 828 KB or Equivalent)	01-Nos	
3	Autoclave Forced cooling unit, Electro-mechanical lid lock system, Dual interlock mechanism, Pulse exhaust function, Memory function (model: HVA-85or Equivalent)	01-Nos	
4	Digital Balance Weighing capacity, ranging from 220 g (minimum display of 0.001 g) to 8200 g (minimum display of 0.1 g). (model: UP223X or Equivalent)	03-Nos	
5	Hot Plate UC150	01-Nos	
6	Microwave oven, DW-112 C	01-Nos	
7	UV-Lamps wired longer wavelength 366 nm and shorter wavelength 254nm (model: CAMAG UV cabinet 4or Equivalent)	01-Nos	
8	Melting Point Apparatus Achieve easy and fast determination of melting and boiling points for professional quality control with the Melting	01-Nos	

	Point system. Melting Point readily fits in your lab to offer highest accuracy and full compliance with all international standards. (model: Melting point M-565or Equivalent)		
9	Hot plate/magnetic stirrer, ARE Velp, Temperature range up to 370°C,Variable Speed Control upto 1200rpm	01-Nos	
DEPARTMENT OF ZOOLOGY			
1	Rotary Microtomes (1 - 60 µm tissue slicing/cutting)	01-Nos	
2	"Fume hood single (Portable fume hood in 24"" and 32"" Width ". Material Stainless Steel.	01-Nos	
3	pH Meter electronic (pH, conductivity, ion and dissolved oxygen meters	01-Nos	
4	Chiller automatic temperature control (60 tons in cooling capacity)	01-Nos	
5	Centrifuge machine electric (with eppendorf and falcon tube both rotors) Benchtop; Speed:13,300 rpm; RPM input from 200 to 10.000 in steps of 10, RCF input from 200 to 10.000 in steps of 1;Time t/min: 1-99 min. Continuous operation; Pulse key: For short centrifugation operations; Open lid key	01-Nos	
DEPARTMENT OF ZOOLOGY			
1	Study of Hall effect in a Semiconductor Wafer with built in Tesla meter, Hall prob Unit, n-Semiconductor (GaAs), Hall effect power Supply, U-Core Electromagnetic coil, Track, length 40 cm, Optical Carrier (2), adjustable post holder with 9 cm post (2), Banana Cords (6) Connecting Cables for 550/850 Interface (2)	01-Nos	
2	To determine the charge (e/m) of electron by fine beam tube method	01-Nos	
TOTAL AMOUNT			

Sr. #	NAME OF ITEMS /SPECIFICATION	QTY.	UNIT PRICE WITH TAX
Lot# 2. ICT FACILITIES			
1	"Desktop Computer core i5 or higher 12th generation, 2.10 GHz to 4.80 GHz, RAM 16 GB (1 x 16 GB), Hard Drive 1TB, 21.5 "LCD screen, keyboard,mouse, wireless card etc with 3 years warranty "	80-Nos	
2	Multimedia Projector with Ceiling mount kit & wall mount screen 8x10 with HDMI/VGA 20 Meter Cable 4K HOME PROJECTOR PX748-4K (4,000 ANSI Lumens, 4K (3840 x 2160),Throw Ratio:1.13~1.47, Image size: 30" - 300", ThrowDistance: 0.75-9.76m(100"@2.5m),Audio out, Speaker 10W ,Super color Technology, Color Tuner, USB Type-A, 12V Trigger, 1.3X Optical zoom, 3D Blue ray, LAN Control, 4.2ms Ultra-Fast Input & 240Hz Refresh rate, HDR/HLG, Perfect Projection on Curved Surface,(USB Type-C & Dual HDMI Input), Mini B USB, RJ45 & RS232).	05-Nos	
3	Photocopier Machine, Copy / Print Speed 30 PPM (A4) 341,880.34, Monthly Duty Cycle 153,000, Processor 1.05 GHz Dual Core, Memory 2 GB, Resolution Print: 1200*1200 dpi, Copy: 600*600 dpi, Scan: 600*600 dpi, Zooming 25% to 400, Paper Size Maximum A3, Media Handling 1,140 Sheets in Total, 2 Cassettes x 520 Sheets, DADF: 110 Sheets, Multipurpose Tray: 100 Sheets, Network Interface Ethernet 10/100/1000 Base-T, High-speed USB 3.0, Operating System, Windows®, 7, 8, 10, Server 2000, Server 2008, Server 2008 R2 Server 2012, Mac OS® version 10.10, 10.11, 10.12, Scanning Speed 55 IPM, Warranty One Year Free Service with Parts, without Consumables, User Training Necessary operational training will be provided at the time of installation.	01-Nos	
TOTAL AMOUNT			

Sr. #	NAME OF ITEMS /SPECIFICATION	QTY.	UNIT PRICE WITH TAX
Lot#3. FURNITURE & FIXTURE			
1	**Single Bed withmattress** • Size: 6’ -6” x 3’ -3” • Head board 28” height. • Foot board 20” height. • Structure made with m.s pipe 1 ½” x 1 ½“ 16 SWG. • Internal structure with m.s pipe 1” x 1” 18 SWG. • Gape not more than 2”. • ½” thick MDF fixed on internal structure. • Finished with Powder Coasted. • Design as per image. • Head board corner must be chamfer2” • 4-Nos Rubber Foot Pad best quality Molty Foam as per bed size 4inch thickness	150-Nos	
			
TOTAL AMOUNT			

Note: (Required the Latest Edition of Each Book)

Sr. #	NAME OF ITEMS /SPECIFICATION	QTY.	UNIT PRICE WITH TAX
Lot#4. BOOKS & JOURNALS			
BOTANY			
1	Plant Cell Culture Technology Yeoman M M (Latest Edition)	2	
2	Plant Biochemistry and Molecular Biology Leegood (Latest Edition)	2	
3	Physical Principles of The Plant Biosystem Merva G E (Latest Edition)	1	
4	Advances In Botany Mukerji K (Latest Edition)	2	
5	Plant Disease Control Principals And Practice (Latest Edition)	2	
6	Plant Biotechnology in Agriculture, Lindsey K. (Latest Edition)	1	
7	Diagnostic Methods For Plant Viruses M Bashir (Latest Edition)	1	
8	Advances In Botanical Research, Callow Ja (Latest Edition)	1	
9	Applied Biotechnology and Plant Genetic Sudhir M (Latest Edition)	1	
10	Plant Pathology, Johnson R (Latest Edition)	1	
11	Recent Development In Biocontrol of Plant 1996 Pathogens-21 Rao K M (Latest Edition)	2	
12	Outlines of Classification And Special Morphology of Plants Goeble K (Latest Edition)	2	
13	Plant Virology, Matthews R E (Latest Edition)	1	
ZOOLOGY			
1	Analysis of Vertebrate Structure. Hildebrand Milton, (Latest Edition)	3	
2	The Mammals of Pakistan. Roberts (Latest Edition)	1	
3	Zoology. Miller S.A Harley J.B (Latest Edition)	2	
4	The Vertebrate Body. Romer A.S (Latest Edition)	1	
5	Biology. Campbell N.A. (Latest Edition)	2	
6	Genetics, Linine.R.P. (Latest Edition)	5	
7	Cell and Molecular- Biology Scheeler P.and Bianchn.D.E. (Latest Edition)	1	
8	Biology: Concept and Connections. Campbell (Latest Edition)	1	
9	Principles of Animal Biology Khan M.Rafque.(Latest Edition)	1	
10	Ecology: Principles and Applications. Chapman,Reiss. (Latest Edition)	1	
11	Arid Ecology Kalwar. (Latest Edition)	1	
12	Terrestrial Ecosystems in changing Environments, Shugrat, (Latest Edition)	1	
13	Vertebrate Life, Pough. (Latest Edition)	1	
14	Bio diversity An Introduction Gaston , Spicir. (Latest Edition)	2	
15	The Biosphere, Ian K. Bradbury. (Latest Edition)	1	
16	Animal Bio-diversity of Pakistan Z.B. Mirza. (Latest	3	

	Edition)		
17	Animal Species &Their Evolution, Cain,A.J. Illustrated. (Latest Edition)	1	
18	Human Evolution.3rd Ed Lewis,R. (Latest Edition)	1	
19	Insects in a Changing Environment Harrington,R,&Stork. (Latest Edition)	1	
20	International Wildlife Encyclopedia., (Latest Edition)	1	
21	Encyclopedia of Marine Invertebrates, (Latest Edition)	1	
22	Guide to Inshore Marine Life. Erwin,D.&Picton,B. (Latest Edition)	1	
23	Acto Genesis. H.L.Drake. (Latest Edition)	2	
24	Agricultural Biotechnology. (Latest Edition)	1	
25	Microbiology, Genetics and Applications, E.J.Vandamme. (Latest Edition)	1	
26	Reproduction Biology of Invertebrate. Adiyodi. (Latest Edition)	1	
27	Microbiology, Genetics and Applications E.J.Vandamme. (Latest Edition)	1	
28	Biological Approaches to Rational Drug Design D B.Weines. (Latest Edition)	`1	
29	A Manual of Basic Technique. R I Freshny. (Latest Edition)	1	
30	DAN Fingerprinting in Plants &Fungi. Weising,K.Nybom,H. Wolff,K.Meyer,W. (Latest Edition)	1	
31	Gene Targeting. M A Vega, (Latest Edition)	1	
ENVIRONMENTAL SCIENCES			
1	Terrestrial Ecosystems in changing Environments, Shugart (Latest Edition)	1	
2	Environmental Science System and Solutions. Mckinney. (Latest Edition)	4	
3	Environmental Science Earth as a living Planet. Botkin&Keller. (Latest Edition)	1	
4	Groundwater Hydrology. David Keith Todd. (Latest Edition)	1	
5	Pakistan. A Descriptive Atlas. Rizwana Zahid (Latest Edition)	1	
6	Environmental Chemistry. Stanley.E.Manahan. (Latest Edition)	1	
7	Air Pollution Control Engineering Noel,de Nevers. (Latest Edition)	1	
8	Highly Selective Separations in Biotechnology G Street (Latest Edition)	1	
9	Indoor Air Pollution Control Godish; Thaddeus (Latest Edition)	1	
10	Hazardous Air Pollution Handbook: Measurements, Properties, and Fate in Ambient Air. Thomas J.Holdren. (Latest Edition)	1	
11	Low Level Environmental Radioactivity: Sources and	1	

	Evaluation. Tykva;Richard Sabol;Jozef. (Latest Edition)		
12	Pesticides in the atmosphere: Distribution, Trends, and Governing Factors. Majewski;Cael; (Latest Edition)	1	
13	Toxic Organic Vapors In the Workplace Jones; Frank E. (Latest Edition)	1	
14	Air Emissions in waste water Industry: Analysis and Control. Tata; Prakasam Witherspoon. (Latest Edition)	1	
15	Waste Treatment and Bioremediation Smith; Gretchen. (Latest Edition)	1	
16	Hazardous Waste Chemistry, Toxicology, and Treatment Manahan; Stanley E. (Latest Edition)	1	
17	Description and Sampling of Contaminated Soils: A Field Guide. Bouling; J. Russell. (Latest Edition)	1	
18	Handbook of Soil Science Sumner; Malcolm E. (Latest Edition)	1	
19	Plants as Environmental Studies William R. (Latest Edition)	1	
20	Alternative Fuels and Environmental. Sterrett;Ffrances S. (Latest Edition)	1	
21	Energy use and The Environment F.P.W. (Latest Edition)	1	
22	Environmental Science & Technology Manahan; Stanley E. (Latest Edition)	1	
CHEMISTRY			
1	Dictionary of Indian Medicinal Plants. Akhtar Hussain, O.P. Virmani et al (Latest Edition)	1	
2	Mass Spectrometry: Principles and Applications, Edmond De Hoffmann, Vincent Stroobant (Latest Edition)	1	
3	The Important Peak Index of the Registry of Mass Spectral Data, Fred McLafferty, Douglas B. Stauffer (Latest Edition)	1	
4	An Introduction to Analytical Atomic Spectrometry, L. Ebdon, E. H. Evans, Alan S. Fisher, S. J. Hill (Latest Edition)	1	
5	Air Monitoring by Spectroscopic Techniques Markus W. Sigrist (Editor) (Latest Edition)	1	
6	Analytical Infrared Spectroscopy Fundamentals, Techniques, and Analytical Problem Solving, A. Lee Smith, (Latest Edition)	1	
7	Carbon-13 NMR Spectroscopy: High-Resolution Methods and Applications in Organic Chemistry and Biochemistry, Completely Revised Edition, Eberhard Breitmeier, Wolfgang Voelter, (Latest Edition)	1	
8	Organic Synthesis: Special Techniques Ahluwalia; V. K. Aggarwal; Renu (Latest Edition)	1	
9	Mass Spectra, Fred W. McLafferty (Latest Edition)	1	
10	ABCs of FT-NMR John D. Roberts (Latest Edition)	1	
11	Techniques and experiments for Organic Chemistry. Addison Ault. (Latest Edition)	1	
12	Reactions and Synthesis in the Organic Chemistry lab L.F.	1	

	Tietze (Latest Edition)		
13	Interpreting Spectra of Organic Molecules Thomas N Sorrel (Latest Edition)	1	
14	Stratospheric Ozone Depletion Kegley &Wise (Latest Edition)	1	
15	Transition metals in the Synthesis of Complex Organic molecules, Lois S. Hegedus. (Latest Edition)	5	
16	Separations for Biotechnology D. L Pyle (Latest Edition)	1	
ECONOMICS			
1	Fundamentals of Mathematical Economics, A.C Chaing, New York Mc Graw Hill (Latest Edition)	10	
2	Political Economy of Human Resource Development, Ali, K, Ferozsons (Latest Edition)	2	
3	Social Indicators, The EU and Social Inclusion, Atkinson, A.B and B, Cantilion, Oxford University Press (Latest Edition)	1	
4	Environmental Economics, Baker Steve, Donminant Publishers and Distributions, New Delhi. (Latest Edition)	1	
5	Analytical Development Economics: the less Developed Economy Revisited, Basu, K. Cambridge MIT press (Latest Edition)	1	
6	Economkics, EnvirmentalPolicy and Quality Of Life, Baumal William, Prentice Hall (Latest Edition)	1	
7	Managerial Economics and Business Strategy, Baye, Michael. Mc Graw Hill. (Latest Edition)	2	
8	Monetary Economics, Theory and Policy, Bennett T. McCallum, McMillan. (Latest Edition)	2	
9	Lecture on Macroeconomics, Blanchard, O. J. and Fischer, S. MIT press (Latest Edition)	1	
10	The Social Impact of Green Revolution. New York Greogie. (Latest Edition)	1	
11	Modelling Monetary Economics, Champ B Freeman (Latest Edition)	1	
12	The Economic System of Islam, Chapra M Umer, University of Karachi. (Latest Edition)	1	
13	Introduction to Economic Growth, Charlles I. Jones and Dietrich Vollrath. W.W Nortaon Company (Latest Edition)	1	
14	Human Development in Pakistan, Chaudhry, M. Aslam. Ferozsons (Latest Edition)	2	
15	Agricultural Development and Public Policies, , Chaudhry, M. Aslam, Lahore. (Latest Edition)	2	
16	Introduction to Statistical Theory, Choudhray Sher Muhammad and Kamal Shahid, Ilmi Kitab khana.	5	
17	Principles of Agricultural Economics, Markets and Prices in Less Developed countries, Colmon D and Young, T. Cambridge Unioversity Press (Latest Edition)	1	
18	Measuring Inequality, Cowell, F.Hemel Hempstead (Latest Edition)	1	

19	Economic Growth, David N. Weil, Pearson Addison-Wesley (Latest Edition)	1	
20	Applied Econometrrics,:A modern Approach using Eviews and Microfit, Dimitrios A, Palgrave Macmillan (Latest Edition)	1	
21	International Economics, Donomck Sal Vatore, B, Prentiuce Hall. (Latest Edition)	5	
22	Poer and Plenty: Trade, War and the world economy in the second Millennium, Findlay, Ronald, and Kevein H O' Rourke., Princeton University Press (Latest Edition)	1	
23	Agriculture and Economic Development, Ghatak S. and INgresent K, Harvester Press (Latest Edition)	1	
24	Basic Econometrics, Gujrati, D. J, Mcgraw Hill Company. (Latest Edition)	5	
25	The political economy of globalization, Gupta S Dev, Kluwer Academy Publishers. (Latest Edition)	1	
26	The Economics of Development, Hagen Everett E. Richard D Irwin, Inc (Latest Edition)	1	
27	Intermediate Microeconomics, Hall R Varian (Latest Edition)	5	
28	Human Development in South asia, HDC, varoous issues oxford Islamabad (Latest Edition)	1	
29	Principles of Envirmental Economics, Hussen A. Routledge Publishers.Pakistan , The economy of Elite State, Ishrat Hussain, Oxford university Press Karachi Izhar sons. (Latest Edition)	1	
30	Econometric analysis of cross section and Panel data, Jeffrey M. Wooldrigge J. M. MIT press (Latest Edition)	1	
31	Agricultural and Structural Transformation, Johnston, B. F and Fellir K, (Latest Edition)	1	
32	Econometric Mothods, Johnston j and jhon Dinardo, Mcg raw hill Company Inc Singapore. (Latest Edition)	3	
33	The Political Economy of Pakistan, Shahid Kardar, Progressive Publishers Pakistan. (Latest Edition)	1	
34	The economics of green revolution in Pakistan, Khan, M, New York. (Latest Edition)	1	
35	The theory of Econometrics, Koutsoyiannis, Mcmillan (Latest Edition)	5	
36	Unit roots , cointegration, and structural change, Maddala, G. S and kim (Latest Edition)	2	
37	Macroeconomics, Mankiw, N. Greogory. Worth publishers (Latest Edition)	5	
38	Principles of economics, , Mankiw, (Latest Edition)	5	
39	Islaic Economics Theory and Practice : a Coparative study, Mannan, M.A, Hodder and Stoughton, Cambridge (Latest Edition)	1	
40	Managerial Economics, Mark, Hirschey, Thomson/ south western college publishing (Latest Edition)	1	

41	Economics: principles, problems and policies, McConnell, C.R and Brue, McGraw hill (Latest Edition)	5	
42	Economics of money, Banking and Financial Markets, Mishkin, Frederic S, Addison Wesley, New York. (Latest Edition)	5	
43	Entrepreneurship: A recipe for Economic Development, Naqi, S.M (Latest Edition)	1	
44	Microeconomic Theory Basic Principles and Extensions, Nicholson, W. Shaheen Publishers (Latest Edition)	5	
45	The Economics of Entrepreneurship, Parker Simon C. (Latest Edition)	1	
46	International Economics: theory and Policy, Paul R. Krugman and Maurice Obstfels, Addison Wesley (Latest Edition)	5	
47	Microeconomics, Pindyck and Rubinfeld (Latest Edition)	1	
48	Population and society: An introduction to Demography, Poston D. L, and L. F. Bouvier, Cambridge university press uk. (Latest Edition)	1	
49	Modern Labor Economics, R. Ehrenberg and R. Smith, Addison Wesley (Latest Edition)	1	
50	Labor Econoimics: a comparative text, R. Elliott, Mc Graw hill (Latest Edition)	1	
51	Poverty comparisons, Ravallion, M. Harwood academic Publishers. (Latest Edition)	1	
52	Advanced Macroeconims, Romer, D, Mc Graw Hill (Latest Edition)	5	
53	State and local Publkic Finance, Ronald C. Fischer (Latest Edition)	1	
54	The economics of the labor market, Sapsford and Z. Tzannatos, Mcmillan (Latest Edition)	1	
55	International Finance, Theory and Policy, Steve Suranovic, (Latest Edition)	1	
56	The political economy of underdevelopment, Szentes J. Akademiamai Kiado Budapest (Latest Edition)	1	
57	Public Finance Ted Gayer and Harvey S. Rosen (Latest Edition)	1	
58	Monetary Theory and Policy, Walsh, C.E MIT press (Latest Edition)	1	
59	Population: an Introduction to Concepts and issues, Weeks J. R (Latest Edition)	1	
60	Economic Growth, Weil, David N. Pearson (Latest Edition)	1	
61	Human Resource Development, Werner, J. M and DEsimon, CENGAGE Learning (Latest Edition)	1	
PHYSICS & ELECTRONICS			
1	Computational apects in chaos and nonlinear dynamics Ambika G (Latest Edition)	1	
2	University Phsics, Arfkel (Latest Edition)	2	

3	Statistical Dynamic Mater Out of Equilibrium, Balescu R (Latest Edition)	1	
4	Incverting the Future: How science and technology transform our world, Berry F.C. (Latest Edition)	1	
5	Introduction to pulse Nmr Spectroscopy, Farrar T (Latest Edition)	1	
6	Semiconductor interfaces and microstructures, Feng Z.C. (Latest Edition)	1	
7	Analytical mechanics. Fowles F.R (Latest Edition)	2	
8	Physical for scientists and engineers with modern physics, Fiancoli D.C (Latest Edition)	2	
9	Classical mechanics, Goldstein G.R (Latest Edition)	1	
10	Modern Optics (Wie), Genther R.D (Latest Edition)	2	
11	Physics, Halliday / Rsnike (Latest Edition)	2	
12	Fundamental of physics extended, Halliday D. (Latest Edition)	1	
13	X-Ray spectroscopy and allied areas, Joshi S.K (Latest Edition)	1	
14	Physics of semiconductor devices, Kumar V (Latest Edition)	1	
15	Introduction to Solid state physics, Kittel C. (Latest Edition)	1	
16	Statistical mechanics, Mcquarrie DA (Latest Edition)	2	
17	Nuclear strategy for India, Menon R. (Latest Edition)	1	
18	Introduction to classical modern optics. Meyer - Arendt (Latest Edition)	1	
19	Introductory solid state physics, Myers H.P (Latest Edition)	1	
20	Oxford directory of scientists, Oxford (Latest Edition)	4	
21	Modular series on solid state devices: advanced semiconductor fundamentals, Pierret RF (Latest Edition)	1	
22	Field and waves in communication electronics, Ramo S (Latest Edition)	1	
23	Elements of solid state physics, Rudden MN (Latest Edition)	1	
24	Nonlinear dynamics and computational physics, Sheorey VB (Latest Edition)	2	
25	Introduction to the remodynamics, classical and statistias, Sonntag (Latest Edition)	4	
26	Physics of semiconductor divecs, SZE SM (Latest Edition)	1	
27	Superfuddity and superconductivity, Tilley DR (Latest Edition)	1	
28	Modern approach to quantum mechanics, Townsend JS (Latest Edition)	2	
29	Solid state physics and engineering: Technical Japanese Supplements, Van Degrift (Latest Edition)	1	
30	Hand book of science communication, Wilson A (Latest Edition)	1	
31	C++ How to program, detail (Latest Edition)	6	

32	Solid state physics and electronics, R. K. Puri 7 VK Babbar (Latest Edition)	4	
33	Solid state physics, C. Kittel (Latest Edition)	4	
34	2000 solved problems in electronics, Catgey (Latest Edition)	4	
35	Basic electronics circuit analysis, Johnson (Latest Edition)	1	
36	Complete guide to semiconductor devices, Kowk (Latest Edition)	1	
37	Compound semiconductor transistors, Twari (Latest Edition)	1	
38	Design and realization of bipolar transistors, Ashburn (Latest Edition)	1	
39	Electronic circuit and application, Grob (Latest Edition)	1	
40	Electronic life: How to think computers,Crichton (Latest Edition)	1	
41	Electronics fundamentals circuits devices and application, Floyd (Latest Edition)	1	
42	Electronics principles and applications, Schuler (Latest Edition)	1	
43	Experiments in circuit analysis, Boylestad (Latest Edition)	1	
44	Integrated electronics analog and digital circuit and systems, Millman (Latest Edition)	1	
45	Semiconductors fundamentals, Pierret RF (Latest Edition)	1	
46	Semiconductor devices, physics and technology, SZE SM (Latest Edition)	1	
47	A short visit to planet earth / photographs, Piggfozzi (Latest Edition)	1	
48	Advanced in atomic and molecular physics, Bates (Latest Edition)	1	
49	Advances in solid state physics festkorper problems XI, Madelung (Latest Edition)	1	
50	An introduction to wavelets Col., Chui (Latest Edition)	1	
51	Application electromagnetism, Shen / Kong (Latest Edition)	1	
52	Basic electronics system technology control devices and systems, Dugger (Latest Edition)	1	
53	Digital circuits and systems, Hall (Latest Edition)	1	
54	Electricity and electronics a survey, Patrick (Latest Edition)	1	
55	Electronic Engineering semiconductors an devices, Allison (Latest Edition)	2	
56	Electronics principles and applications, Schuler (Latest Edition)	1	
57	Fundamentals of solid state physics, Chistman (Latest Edition)	2	
58	Integrated optics: devices and applications, T. Boyd (Latest Edition)	1	
59	Introductory nuclear physics, S. Krane (Latest Edition)	1	
60	Low temperature electronics, Kirshman (Latest Edition)	1	

61	Networks introductory topics in electronics and telecommunication, Chenming (Latest Edition)	1	
62	Nonvolatile semiconductor memories technologies design applications, Singh (Latest Edition)	1	
63	Physics of semiconductors and their hetro- structures., Schiff (Latest Edition)	1	
64	Quantum mechanics, Gasiorowic (Latest Edition)	1	
65	Quantum physics, Crummentt (Latest Edition)	1	
66	University Physics: Model and applications, Adeel Anwar (Latest Edition)	1	
67	Measuring instrument , Irfan Ashraf (Latest Edition)	6	
68	Electronics devices & circuits, Saif-ul-Islam Khan (Latest Edition)	2	
69	Pulse and digital circuits, Kennedy devis (Latest Edition)	2	
70	Electronic communication system, Ghulam Din. Allied Book Dept. (Latest Edition)	2	
71	Motors and Generators, Charles Kittel (Latest Edition)	2	
72	Introduction to Solid state physics, Amerall (Wiley) (Latest Edition)	2	
73	C++ for Programmers, Johnsonbaugh and Kalin; (MaxwellMacmillan) (Latest Edition)	2	
74	Applications Programming in C++, M. Moris Mano (Latest Edition)	2	
75	Digital Logic and Computer Design, M. Moris Mano (Latest Edition)	2	
76	Digital Logic and Computer Design, Mc Graw hill (Latest Edition)	1	
77	heat and thermodynamics , Ohnaian Zemansky & Dittman (Latest Edition)	1	
78	Electrical and Electronics measurements and IRC. Instrumentation, A. K Sawhney (Latest Edition)	2	
79	Electronics fundamentals circuits devices and application, Floyd (Latest Edition)	3	
80	C Programming language, Kernighan and D. Richie (Latest Edition)	2	
81	Thermodynamics, Sears and Zemansky (Latest Edition)	1	
ENGLISH			
1	Cohen, L., Manion, L., & Morrison, K. Research methods in education. London: Routledge.	5	
2	Creswell, J. W. Research design: Qualitative, Quantitative, and Mixed Methods Approaches. London: Sage Publication	5	
3	Abelson, R. P. Statistics as Principled Argument. Hillsdale, NJ: Lawrence Erlbaum Associates.	5	
4	Black, T. R. Doing Quantitative Research in the Social Sciences: An Integrated Approach to Research Design, Measurement, and Statistics. London, UK: Sage.	5	
5	Blaikie, N. Analysing Quantitative Data: From Description	5	

	to Explanation. Thousand Oaks, CA: Sage.		
6	Bogdan, R. C., Biklen, S. K. Qualitative Research for Education: An Introduction to Theory and Methods. New York: Allyn and Bacon.	5	
7	Byrne, D. Interpreting Quantitative data. Thousand Oaks, CA: Sage.	5	
8	Day, C., Elliot, J., Somekh, B. & Winter, R. (Eds.), Theory and Practice in Action research. Oxford: Symposium Books.	5	
9	Denzin, N. K. & Lincoln, Y. S. The Handbook of Qualitative Research. Sage.	5	
10	Field, A. & Graham, H. How to Design and Report Experiments. Sage.	5	
11	Fielding. N. G. & Lee, R. M. Computer Analysis and Qualitative Research. London: Sage.	5	
12	Glesne, C. Becoming Qualitative Researchers: An Introduction. New York: Longman.	5	
13	Gorard, S. Quantitative Methods in Educational Research. London: Continuum.	5	
14	Hammersley, M. & Atkinson, P. Ethnography: Principles and Practices. London: Routledge.	5	
15	Holliday, A. Doing and Writing Qualitative Research. London: Sage.	5	
16	Huck, S. W. Reading Statistics and Research. (Fourth edition). Boston, MA: Allyn and Bacon.	5	
17	Kvale, S. Interviews: An Introduction to Qualitative Research Interviewing. Thousand Oaks, CA: Sage.	5	
18	Lincoln, Y. L. and Guba, E. G. Naturalistic Inquiry. London:	5	
19	Mason, J. Qualitative Researching. Thousand Oaks, CA: Sage.	5	
20	Maxwell, J. A. Qualitative Research Design: An Interactive Approach. Thousand Oaks, CA: Sage.	5	
21	Merriam, S. Qualitative Research and Case Study Applications in Education. San Fransisco: Jossey-Bass Publishers.	5	
22	Miles, M. B. and Huberman, M. A. Qualitative Data Analysis: An Expanded Sourcebook. London: Sage.	5	
23	Smith, L. M. Yesterday, Today, Tomorrow: Reflections on Action Research and Qualitative Inquiry. Educational Action Research.	5	
24	Strauss, A. & Corbin, J. Basics of Qualitative Research: Techniques and Procedures for Developing Grounded Theory. Thousand Oaks, CA: Sage.	5	
25	Mason, J. Qualitative Researching. Thousand Oaks, CA: Sage.	5	
26	Maxwell, J. A. Qualitative Research Design: An Interactive Approach. Thousand Oaks, CA: Sage.	5	

27	Merriam, S. Qualitative Research and Case Study Applications in Education. San Fransisco: Jossey-Bass Publishers.	5	
28	Miles, M. B. and Huberman, M. A. Qualitative Data Analysis: An Expanded Sourcebook. London: Sage.	5	
29	Smith, L. M. Yesterday, Today, Tomorrow: Reflections on Action Research and Qualitative Inquiry. Educational Action Research	5	
30	Strauss, A. & Corbin, J. Basics of Qualitative Research: Techniques and Procedures for Developing Grounded Theory. Thousand Oaks, CA: Sage.	5	
31	Tesch, R. Qualitative Research: Analysis Types and Software Tools. London: Falmer.	5	
32	Allen, J. P. B. & Corder, S P. (eds) Techniques in applied linguistics. The Edinburgh course in applied linguistics. Oxford: OUP.	5	
33	Brumfit, C. (ed.). The practice of communicative teaching. Oxford: Pergamon.	5	
34	Larsen-Freeman, D. Techniques and principles in language teaching. London: OPU.	5	
35	Munby, J. Communicative syllabus design. Cambridge: CUP.	5	
36	Norrish, J. Language learners and their errors. New York: Macmillan.	5	
37	Nunan, D. Syllabus design. Oxford: OUP.	5	
38	Omaggio, A. C. Teaching language in context. New York: HHP	5	
39	Prabhu, N. S. Second language pedagogy: A perspective. Oxford: OUP.	5	
40	Richards & Rodgers. Approaches and methods in language teaching: A description and analysis. Cambridge. CUP	5	
41	Richards, J. C. Error analysis. London: Longman.	5	
42	Steinberg, D. D. Psycholinguistics. London: Longman	5	
43	Ur, P, A course in language leaching. Cambridge: CUP.	5	
44	Ur, P. Grammar practice activities: A practical guide for teachers. Cambridge: CUP.	5	
45	Wilkins, D. Notional syllabuses. Oxford: OUP.	5	
46	Wilkins, D.A. Linguistics in language teaching. London: Arnold	5	
47	Chapman, S. Philosophy for Linguistics: an introduction. Routledge.	5	
48	Chapman, S., & Routledge, C. Key Thinkers in Linguistics and the Philosophy of Language. Routledge.	5	
49	Devitt, M., & Hanley, R. The Blackwell Guide to the Philosophy of Language. Blackwell Publishing.	5	
50	Devitt, M., & Sterenly, K. Language and Reality: An Introduction to the Philosophy of language. Blackwell	5	

	Publishing.		
51	Frajzyngier, Z., Hodges, A., & Rood, S. D. (Eds.), Linguistic Diversity and Language Theories. John Benjamins Publishing Company.	5	
52	Hale, B., & Wright, C. (Eds.), A Companion to the Philosophy of Language. Blackwell Publishing.	5	
53	Hornby, J., & Longworth, G. Reading Philosophy of Language. Blackwell Publishing.	5	
54	Losonsky, M. Linguistic Turns in Modern Philosophy. Cambridge University Press.	5	
55	Mahmoudian, M. Modern theories of language: the empirical challenge. Duke University Press.	5	
56	Metthews, H. P. Grammatical theory in the United States from Bloomfield to Chomsky. Cambridge University Press.	5	
57	Metthews, P. A Short History of Structural Linguistics. Cambridge University Press.	5	
58	Morris, M. An Introduction to the Philosophy of Language. Cambridge University Press.	5	
59	Subrahmanyam, K. Theories of Language: oriental and accidental. D.K Printworld.	5	
60	Weisler, E.S., & Milekic, S. Theory of Language. MIT Press	5	
61	Books Recommended: The Practice of Critical Discourse Analysis: an Introduction by Miriel Bloor & Thomas Bloor	5	
62	Critical Discourse Language: The critical study of language by Norman Fairclough	5	
63	Wodak, R. and Meyer, M. (Eds.), Methods of Critical Analysis.	5	
64	Critical Discourse Analysis: Theory & Interdisciplinarity. Weiss, G., & Wodak, R. (Eds.), Palgrave Macmillan.	5	
65	Critical discourse analysis in EFL teaching. English Language Teaching Journal	5	
66	Fairclough, F. N. Critical Discourse Analysis: the Critical Study of Language. London: Longman.	5	
67	Lee, D. Competing discourses: Language and ideology. London: Longman.	5	
68	Locke, T. Critical discourseanalysis. London: Continuum.	5	
69	1discourse analysis. Annual Review of Applied Linguistics	5	
70	Toolan, M. (Ed.), Critical discourse analysis: Critical concepts in linguistics. New York: Routledge	5	
71	Lyons, J. Language and Linguistics. Cambridge University press	5	
72	Fromkin and Rodman. An Introduction to Language. Thomson	5	
73	Finch, G. How to Study Linguistics. Palgrave	5	
74	Finnegan, E. Language: Its structure and use. Thomson	5	
75	Yule, G. Study of Language Cambridge University press	5	

76	Yule, G. Pragmatics. Oxford: OUP	5	
77	Leech, G.N. Principles of Pragmatics, Longman	5	
78	Levinson, S. Pragmatics, Cambridge University Press	5	
79	Levinson, S. Presumptive Meanings: The Theory of Generalized Conversational Implicature, MIT Press	5	
80	Grice, H. P. Studies in the Way of Words, Harvard University Press.	5	
81	Leech, G. N. Principles of Pragmatics, Longman.	5	
82	Levinson, S. Pragmatics,Cambridge University Press.	5	
83	Levinson, S. Presumptive Meanings: The Theory of Generalized Conversational Implicature , MIT Press.	5	
84	Verscheuren, J. Understanding Pragmatics, Arnold	5	
85	Baker, Mona. In Other Words: A Course book on Translation. London: Routledge.	5	
86	Bell, Roger T. Translation and Translating. London: Longman.	5	
87	Catford, J. C. A Linguistics Theory of Translation. Hong Kong: OUP.	5	
88	Duff, Alan. Translation. Oxford: OUP.	5	
89	Newmark, Peter. Approaches to Translation, Pergamon Institute of English.	5	
90	Nida, Eugene A. and C. R. Taber. The Theory and Practice of Translation. Leiden: E. J. Brill.	5	
91	Albert Camus (French and Algerian): The Outsider	5	
92	Cervantes, M (Spanish): Don Quixote (Part 1-Book1 & 2)	5	
93	Kafka, Franz (German): Metamorphosis	5	
94	Dostoevsky (Russian): Crime and Punishment	5	
95	Rumi (Persian): Selections from the Mathnavi	5	
96	Barron, C. “Problem solving and ESP: Themes and Issues in a Collaborative Teaching Venture. In English for Specific Purposes	5	
97	Dudley-Evans, T. & Bates, M. “The Evaluation of an ESP Textbook.” In L. E. Sheldon. Ed. ELT Textbooks and Materials: Problems in Evaluation and Development. ELT Documents	5	
98	Dudley-Evans, T. & St. John, M. J. Developments in English forSpecific Purposes. Cambridge: CUP.	5	
99	Fanning, P. “Broadening the ESP Umbrella.” English for Specific Purposes	5	
100	Holliday, A. and T. Cooke. “An Ecological Approach to ESP.” In Lancaster Practical Papers in English Language Education. 5 (Issues in ESP). University of Lancaster.	5	
INFORMATION TECHNOLOGY			
1	C++ How to Program, (Harvey & Paul) Deitel & Deitel	5	
2	Java How to Program, (Harvey & Paul) Deitel & Deitel	5	
3	Data Structures and Algorithm Analysis in Java, Mark Allen Weiss	5	

4	Algorithms in C++, Robert Sedgewick	5	
5	Digital Design, M. Morris Mano & Michael D. Ciletti	5	
6	Digital Fundamentals, Thomas L. Floyd	5	
7	Applied Operating Systems Concepts, Silberschatz A., Peterson, J.L., & Galvin P.C	5	
8	Modern Operating Systems, Tanenmaum A.S.	5	
9	Database Systems, C.J.Date, Addison Wesley	5	
10	Database Systems: A Practical Approach to Design, Implementation and Management, R.Connolly and P.Begg, Addison-Wesley	5	
11	Fundamentals of Database Systems, Elmasri and Navathe, Addison-Wesley	5	
12	Software Engineering, Sommerville Addison Wesley	5	
13	Software Engineering A Practitioner's Approach, Roger Pressman, McGraw-Hill	5	
14	Introduction to Computer Networks, A. S. Tanenbaum, Prentice Hall	5	
15	Computer Networks and Internets, Douglas E. Comer, Purdue University	5	
16	Data and Computer Communications, William Stallings	5	
17	Human-Computer Interaction, Alan Dix	5	
18	Designing the User Interface: Strategies for Effective Human-Computer Interaction, Ben Shneiderman	5	
19	Professional Issues in Software Engineering, M.F. Bott et al	5	
20	Introduction to Computers, Peter Norton	5	
21	Using Information Technology: A Practical Introduction to Computer & Communications, Williams Sawyer	5	
22	Fundamentals of Information Technology, Alexis Leon, Mathewsleon Leon press	5	
23	An Introduction to Formal Languages and Automata, Peter Linz	5	
24	Theory of Automata, Formal Languages and Computation, S. P. Eugene, Kavier	5	
25	John Hopcroft and Jeffrey Ullman, Introduction to Automata Theory, Languages, and Computation, Addison-Wesley	5	
26	Introduction to Languages and the Theory of Computation, John C. Martin	5	
27	Introduction to Algorithms, T. H. Cormen, C. E. Leiserson, and R. L. Rivest	5	
28	Artificial Intelligence: Structures and Strategies for Complex Problem Solving, George F. Luger	5	
29	Artificial Intelligence: A Modern Approach, Stuart Jonathan Russell, Peter Norvig, John F. Canny	5	
30	Computer Architecture: A Quantitative Approach, Hennessy & Patterson, Morgan & Kauffman Series	5	

31	Computer Organization & Design The Hardware/Software Interface, Patterson & Hennessy, Morgan & Kauffman Series	5	
32	Computer Graphics, Principles and Practice, D. Foley, A. van Dam, S. K. Feiner and J. F. Hughes, Addison-Wesley	5	
33	Computer Graphics, F.S.Hill, Maxwell MacMillan	5	
34	Interactive Computer Graphics: Functional, Procedural and Device-level methods, Peter Burger and Duncan. F. Gillies; Addison-Wesley	5	
35	Data Communication and Networking, Behrouz A. Forouzan	5	
36	Parallel Programming: Techniques and Applications Using Networked Workstations and Parallel Computers, B. Wilkinson and M. Allen	5	
37	Advanced Programming in the Unix Environment, Addison Wesley, W. Stevens	5	
38	Wireless Communications, Theodore S Rappaport	5	
39	Fundamentals of Wireless Communications, David Tse	5	
40	Mobile Communications, Addison Wesley , J. Schiller	5	
41	Introduction to telecommunications Network Engineering, T. Aattalainen, Artech House	5	
42	Principals of Distributed Database Systems, Ozsu Tamer.	5	
43	Database Systems, Thomas Connolly.	5	
44	The Intel Microprocessor, Barry B Brey.	5	
45	Assembly Language for Intel-based Computers, Ed Irvine	5	
46	The 8086/8088 Microprocesso, Avtar Singh.	5	
47	Modern Compiler Design, Dick Grune, Henri E. Bal, Ceriel J. H, Jacobs, Koen G. Langendoen, John Wiley	5	
48	Fundamentals of Game Design, Ernest Adams	5	
49	An Introduction to Multi Agent Systems, Wooldridge, Michael	5	
50	Programming in C, Stephen G. Kochan, Addison-Wesley Professional	3	
51	An Introduction to Object-Oriented Programming with Java, C. Thomas, WU	3	
52	Algorithms, Robert Sedgewick, Princeton University	3	
53	Data Structures: Abstraction and Design Using Java, Data Structures: Abstraction and Design Using Java	3	
54	Fundamental of Digital Logic with Verilog Design, Stephen Brown	3	
55	Operating System Concepts, Silberschatz A., Peterson, J. L., & Galvin	3	
56	Modern Database Management, Fred McFadden, Jeffrey Hoofer, Mary Prescott, Prentice Hall.	3	
57	Database Design and Relational Theory: Normal Forms and All That Jazz, C. J. Date, O'Reilly Media	3	
58	Systems Analysis and Design, Gary B. Shelly, Thomas J.	3	

	Cashman and Harry J. Rosenblatt		
59	Computer Organization & Design: The Hardware/Software Interface, Patterson & Hennessy, Morgan & Kauffman Series	3	
60	Discrete Mathematical Structure with Application to Computer Science, McGraw-Hill	3	
61	Logic and Discrete Mathematics: A Computer Science Perspective, Prentice Hall	3	
62	Programming in C, Stephen G. Kochan, Addison-Wesley Professional	3	
63	Calculus and Analytical Geometry, Swokowski Olinick. Pence	3	
64	Calculus, John Wiley and Sons	3	
65	Calculus, William, E. Boyce .Richard, C. Diprima. John Wiley & Son	3	
66	Calculus and Analytical Geometry, Thomas, F. John Wiley and Sons	3	
67	Advanced Engineering Mathematics, Erwin, K. John Wiley & Sons Inc	3	
68	Probability & Statistics for Engineers & Scientists, Ronald, W. Myers, Y	3	
69	Probability and Statistics for Engineering and the Sciences, Lay, L. Devore	3	
70	Statistical Data Analysis, G. Cowan	3	
71	Elementary Linear Algebra with Applications, Bernard, K. David	3	
72	Strang's Linear Algebra and Its Applications, Gilbert, S. Strang, B. Coonley. Andy, B. Andrew, B	3	
73	Elementary Linear Algebra: Applications, Howard. A. Chris	3	
74	University Physics, Freedman. Young	3	
75	College Physics, Resnick. Halliday. Krane	3	
76	Introduction to the Theory of Computation, Michael Sipser	5	
77	Computational Complexity, Christos Papadimitriou, Addison-Wesley	5	
78	Introduction to Automata Theory, Languages, and Computation, John Hopcroft and Jeffrey Ullman, Addison-Wesley	5	
79	Formal models and Computability, in Handbook of Computer Science, Tao Jiang, Ming Li, and Bala Ravikumar	5	
80	An Introduction to Formal Languages and Automata, Peter Linz	5	
81	Approximation Algorithms, Vijay V. Vazirani, Springer	5	
82	Introduction to Algorithms, Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, Clifford Stein	5	
83	Algorithms and Theory of Computation Handbook, Mikhail J. Atallah Contributor Mikhail J. Atallah,	5	

84	Distributed Systems Concepts and Design, George Coulouris, Jean Dollimore and Ttim Kindberg	5	
85	Distributed Operating Systems: Concepts and Design, Pradeep k. Sinha	5	
86	Advanced Concepts in Operating Systems, Singhal and Shiviratri	5	
87	Advanced Computer Architecture: A Design Space Approach,Dezso Sima, Terence Fountain, Peter Kacsuk, Addison-Wesley	5	
88	Scalable Parallel Computing Technology, Architecture, Programming, Kai Hwang, Zhiwei Xu	5	
89	Discrete-Time Signal Processing, Alan V. Oppenheim and Ronald W. Schafer,	5	
90	R.C. Dorf, Modern Control Systems, Addison-Wesley	5	
91	Computer Networking – A Top-Down Approach Featuring the Internet", James F. Kurose and Keith W. Ross / Addison Wesley	5	
92	Cryptography and Network Security, W. Stallings	5	
93	Network Security: Private Communication in a Public World, C. Kaufman, R. Perlman, M. Speciner	5	
94	Communication Networks: Fundamentals Concepts and Key Architectures, Garica and Widjaja	5	
95	Wireless Communications and Networks, W. Stallings,	5	
96	Wireless Communications: Principles & Practice, T.S. Rappaport	5	
97	Advanced Programming Language Design, Addison, Raphael Finkel Addison-Wesley	5	
98	Compilers:Principles, Techniques, and Tools, Alfred V. Aho, Ravi Sethi, and Jeffrey D. Ullman, Addison-Wesley	5	
99	Readings in Intelligent User Interfaces, Mark T. Maybury	5	
100	Computer Networks and Systems: Queuing Theory and Performance Evaluation, T. G. Robertazzi,	5	
101	Computer Vision: A Modern Approach, David Forsyth, Jean Ponce, Prentice Hal	5	
102	A Gentle Guide to Research, Gordon Rugg & Marian Petre	3	
103	Practical Research Methods, CATHERINE DAWSON	3	
104	Pattern Recognition and Machine Learning, Bishop, C.	3	
105	Machine Learning, Mitchell, T., McGraw-Hill	3	
106	The Elements of Statistical Learning, Hastie, T., Tibshirani, R., and Friedman, J	3	
107	Constraint processing, R. Dechter, Morgan Kaufmann	3	
108	Convex Optimization, Boyd and Vandenberghe	3	
109	Convex analysis and optimization, Bertsekas, with Nedic and Ozdaglar	3	
110	Numerical Optimization, Nocedal and Wright	3	
111	Nonlinear Programming, Bertsekas	3	
112	Practical Optimization, Gill, Murry and Wright	3	

113	Optimization: Algorithms and Engineering Applications, Antoniou and Lu	3	
114	An Introduction to Optimization, Chong and Zak	3	
115	Robot Motion Planning, Jean-Claude, Latombe Kluwer	3	
116	Artificial Intelligence and Mobile Robots, D. Kortenkamp, R. Bonasso, and R. Murphy	3	
117	Handbook of Robotics, Siciliano, Bruno; Khatib, Oussama	3	
118	An Introduction to Intelligent and Autonomous Control, P. Antsaklis and K. Passino, Kluwer	3	
SOCIOLOGY			
1	Brown, Ken. Sociology. UK: Polity Press	3	
2	Gidden, Anthony. Introduction to Sociology. UK: Polity Press.	2	
3	Macionis, John J., Sociology New Jersey: Prentice-Hall	3	
4	Frank N Magill. International Encyclopedia of Sociology. U.S.A: Fitzroy Dearborn Publishers	2	
5	Lee, Alfred Mclung and Lee, Elizabeth Briant. Marriage and The family. New York: Barnes and Noble, Inc.	1	
6	Abdul Hameed Taga. An Introduction to Sociology:Nadeem Younus Printing Press, Lahore	2	
7	Zeitlin, Irving M. Ideology and the Development of Sociological Theory. New Jersey: Prentice-Hall, Inc	2	
8	Kinlock, Graham C. Sociological Theory:Its Development and Major Paradigms. New York: McGraw Hill Inc.	3	
9	Barnes, H.E. (Ed.). An Introduction to the History of Sociology. Chicago: The University of Chicago Press.	2	
10	Ritzer, George. Sociological Theory. 8th ed. York: McGraw Hill Book Co.	3	
11	Kinloch, Graham C. “Sociological Theory: Its Development and Major Paradigms” New York: McGraw Hill.	2	
12	Ritzer, George. Sociological Theory. New York: McGraw Hill.	3	
13	Imasheff, N. and G.A. Theoderson, Sociological Theory: Its Nature and Growth, New York: Random House.	1	
14	Calhon, Craig. Ed. Contemporary Sociological Theory. Malden, USA: Blackwell Publishing.	1	
15	Ritzer, Georg. Sociological Theory. New York: Mcgraw Hill.	2	
16	Calhoun, Craig Et El. “Contemporary Sociological Theory”. Blackwell Publisher Ltd.	3	
17	Turner J H, The Structure Of Sociological Theory, Homewood Illinois; Dorsey Press.	2	
18	Ahmad, Akbar S. “Pakistani Society”. Karachi: Royal Books Co.	1	
19	Beg, MAA. New Dimension in Sociology: A Physio-Chemical	1	
20	Methods of Research in Social Psychology, New York:	2	

	McGraw-Hill.		
21	Bridge Semekh & Culhy. Research Methods in the Social Science. New Delhi: Vistaar Publiser.	1	
22	Christopher Winship, Sociological Methods and Research. London: Sage Publications.	2	
23	Monette, Duane R., Sullivan, Thomas J. and Dejong, Cornell R. Applied Social Research: Tool for the Human Services (Latest Edition) New York: Harcout Brace College Publishers.	1	
24	Neuman William Lawerence. Social Research Methods. Allyn and Eacon., Boston.	2	
25	Norman Blaikie, Analyzing Quantitative Data, Sage Publication London.	2	
26	Uwe Flick, Designing Qualitative Research. Sage Publications New Delhi;	1	
27	Qualitative Materials Sage Publications New Delhi;	2	
28	Norman K Denzin & Yvonnal Lincoin, Collecting and Interpreting	1	
29	Neuman, W. Lawrence. “Social Research Methods”. New York: Allyn and Bacon.	2	
30	Somekh & Lewin, Research methods in Social Sciences, Vistaar, Publication, New Delhi.	1	
31	Neuman, W. Lawrence. “Social Research Methods”. New York: Allyn and Bacon.	1	
32	Baker, Therese L. “Doing Social Research”. McGraw Hill.	1	
33	Miller, D. C. “Research Design and Social Measurement”. London: Sage Publication.	2	
34	Ahmad, Akbar S. Pakistani Society, Karachi, Royal Books Co.	1	
35	Bernard, H. Russel. Research Methods in Anthropology, Qualitative and Quantitative Approaches. London: Sage Publications	1	
36	Bodley, John H. Cultural Anthropology, California: Mayfield Publishing Co.	1	
37	Beauvoir, Simone De, The second Sex, Vintage.	1	
38	Bornsterin, Kate, Gender outlaw: on Men, Women and Rest of US, Vintage.	1	
39	Butler; Judith, Gender Trouble: Feminism and the Subversion of Identity, Routledge.	1	
40	A.P Thirlwall Growth & Development, Macmillan	1	
41	Adams, W.M., Green development: Environment and Sustainability in the Third World, London, Routeledge	1	
42	Webster A. Introduction to the Sociology of Development. Hongkong, McMillan Education Ltd.	2	
43	Gouldner, Alvin W and Miller S.M. Applied Sociology; Opportunities and Problems, New York: Free Press.	1	
44	Booth, David, Rethinking Social Development. Theory,	1	

	Research and Practice. England, Longman Scientific and Technical		
45	Epstein, T.S. Economic Development and Social Change in South India. Manchester University Press.	1	
46	Hunter, G. Modernizing Peasant Societies, London: Oxford University Press.	2	
47	Chitamber, J.B. Introductory Rural Sociology, New Age	1	
48	Social Policy and Development Centre. Social Development in Pakistan,New York, Oxford University Press.	2	
49	Sahibzada, Mohibul Haq. Poverty Alleviation. Institute of Policy Studies.Islamabad.	1	
50	Dalal, B. Rural Planning in Developing Countries, New Delhi, Earthscan.	1	
51	Berry, Briyan. Contemporary Urban Ecology. New York: Macmillan.	1	
52	Ehrlich, Paul R. and Annix St. Population Resources and Environment. Issues in Human	1	
53	Gottdiener, M. & Leslie Budd, Key concepts in Urban Studies. Sage, London.	1	
54	Khan, Mahmood H., Climbing the Development Ladder with NGO Support: Experiences of Rural People in Pakistan, Karachi, Oxford University Press.	1	
55	Bauggartner, Teda, Conducting and reading research in health and human performance. England, Brow and Benchmarn Publishers.	1	
56	David Tucket (Ed), An Introduction to Medical Sociology, London, Taritocl Publication	2	
57	Rose Weitz, The Sociology of health, Illness & health care a critical approach Thomson wads worth.	2	
58	Meena Sharma, Aids, Awareness Through Community Participation Kalpaz Publications Delhi;	1	
59	Nash, Kate Contemporary Political Sociology: Globalization, Politics, and Power	1	
60	Ehrenreich and Hochschild (eds), Global Woman: Nannies, Maids, and Sex Workers	1	
61	Jan Nederveen-Pieterse, Globalization and Culture: Global Melange	1	
62	Best, John W. research in Education, New Delhi, Prentice Hall.	1	
63	Brubacher, L.S. Modern Philosophies of Education. New Delhi: Macgraw-Hill Publishing Co. Ltd.	1	
64	Cosin, B.R. and others ((Latest Edition). School and Society: A Sociological Reader. London: Routledge and Kegan Paul.	1	
65	Evan, Prithard E.F. Theories of Primitive Religions. Oxford: Claneolan Press.	1	
66	Etzioni, Amitai and Etzioni Eva. Social Change - Sources,	1	

	Patterns and Consequences, New York: Basic Books, Inc.		
67	Johnstone, Ronald L. Religion and Society in Interaction: The Sociology of Religion. New Jersey: Prentice-Hall.	1	
68	Schneider, Louis. Religion, Culture and Society: A Reader in the Sociology of Religion. New York: John Wiley and Sons.	1	
69	Schneider, Louis. Sociological Approach to Religion. New York: Wiley and Sons.	1	
70	Sociology of Religion: A Reader by Susanne C. Monahan, William A. Mirola, and Michael O. Emerson. Upper Saddle River, NJ: Prentice-Hall	2	
PSYCHOLOGY			
1	Abnormal and Clinical Psychology	1	
2	Abnormal-Psychology-An-Integrated-Approach	1	
3	Abnormal-child-psychology	1	
4	APA Educational Psychology Handbook	10	
5	APA Handbook of Counseling Psychology	1	
6	APA Handbook of Ethics in Psychology	2	
7	APA Handbook of Forensic Psychology	1	
8	APA Handbook of Multicultural Psychology	1	
9	APA Handbook of Testing and Assessment in Psychology	5	
10	APA Handbook of Research Methods in Psychology	5	
11	Abnormal Psychology The Problem of Maladaptive Behavior	1	
12	Advances In Child Development and Behavior	1	
13	Behavioral Health Integrating Individual And Family Interventions in the Treatment of Medical Conditions	1	
14	Child Psychology A Contemporary Viewpoint	1	
15	Cognition: Theory and Applications	11	
16	Clinical Practice of Pediatric Psychology	1	
17	Clinicians Guide to Cultural Psychiatry	1	
BUSINESS ADMINISTRATION			
1	Total quality Management, John , Oakland	5	
2	Strategic Management. Fred David Concepts and cases	5	
3	Ronald Wilton, McGraw Hill, Managerial Accounting	5	
4	E. F Brhigam, fundamentals of financial Management, Pearson	5	
5	Business Research Methods (Latest Edition) edition by Wiliam Zikmund	5	
6	Introduction to Law of Contract by Atiya	3	
7	Charles Hill, International business competing in global Market place	4	
8	Organisational Behaviour by Stephen robbins and Judge	5	
9	Business Ethics concepts and cases by Velasquez	5	
10	Principles of marketing by Cottler (Pearson)	3	
11	Human resource Management by robbins and Decenzo, Principles of Management by Robbins and Coutler	2	

12	Business in Action by Bovee and Thill	6	
13	Dornbusch and Fischer, Macro economics, McGraw Hills, (Latest Edition)	5	
14	Database system, Thomas Connolly, Carolyen Begg	4	
15	David Winch, Microeconomics, (Latest Edition)	3	
16	Eastwood, English Practice Grammer	2	
17	Shehrbano , Punjab university, Introduction to Psychology	2	
18	Discovering Computers by Shelly Cashman	5	
19	Philip Kotler, Principles of Marketing,(Latest Edition)	5	
20	Seven Habits of highly effective people by Stephen R. Covey	2	
21	The Three Laws of Performance: Rewriting the Future of Your Organization and Your Life	2	
22	Reward Management by Michael Armstrong & Helen Murlis	4	
23	Puple Cow Transform your Business by Being Remarkable by Seth Godin	3	
24	Lewicki, J.Roy, D.M Saunders and Bruce Barry; Negotiation; Tata McGraw-Hill Publishing Company Limited	4	
25	Corvette, B.B.A. Conflict Management.Pearson.	4	
26	Cardy.R.L, Performance Management, Prentice- Hall	2	
27	Terence A. Shimp; Advertising Management	2	
28	Leon Schiffman, Leslie Kanuk, and Mallika Das; Consumer Behaviour; Canadian Pearson Education	2	
29	The Emperor's Handbook by Marcus Aurelius	1	
30	The One Minute Manager by Kenneth Blanchard	1	
31	The Success Principles: How to Get from Where You Are to Where You Want to Be by Jack Canfield, Janet Switzer	1	
32	How to Win Friends & Influence People by Dale Carnegie	1	
33	Made to Stick: Why Some Ideas Survive and Others Die by Chip Heath, Dan Heath	1	
34	The Magic of Thinking Big by David Schwartz	1	
35	Blink: The Power of Thinking Without Thinking by Malcolm Gladwell	1	
36	The Halo Effect: and the Eight Other Business Delusions That Deceive Managers by Phil Rosenzweig	1	
37	Love 'Em or Lose 'Em: Getting Good People to Stay by Beverly Kaye, Sharon Jordan-Evans	1	
38	Milkovich and Newman; Compensation; McGraw-Hill	4	
39	The Five Dysfunctions of a Team: A Leadership Fable by Patrick M. Lencion	1	
40	Good to Great: Why Some Companies Make the Leap… and Others Don't by Jim Collins	1	
41	Accounting: The Basis for Business Decisions By Robert F. Meigs and Walter B. Meigs	5	
42	Cost Accounting by Matz and Usury	3	

43	Fundamentals of Financial Management by James C. Vanhorne	5	
44	Money, Banking and Financial Markets by Robert.D.Auerbach	3	
45	Financial Management & Policy, Prentice Hall by James C. Van Horne	3	
46	Principles of Managerial Finance by Lawrence J. Gitman	3	
47	Financial Accounting By Naseem Ahmed	2	
48	Professor Muhammad Ammanullah Khan: Financial Accounting, (Latest Edition)	3	
49	Fundamentals of Corporate Finance by Ross, Westerfield & Jordon	3	
50	Principles of corporate finance by Brealey, R. A. & Myers, (Latest Edition)	5	
51	Analysis of Financial Statements by White, Sondhi and Fried	5	
52	Zamir Iqbal & Abbas Mirakhos, An introduction to Islamic finance.	5	
53	Financial Markets and institutions, by Mishkin, Frederic. S, Pearson Education	5	
54	Managerial Accounting by Garrison H. Ray, Noreen W. Eric, Irwin	5	
55	Levin I. Richard., Statistics for Management; McGraw Hill.	2	
56	Financial institutions management: A risk management approach, Saunders, A. and M. Cornett. Boston: McGraw-Hill.	5	
57	Jones. P. Charles; Investment: Analysis & Management, John Wiley & Sons.	5	
58	Financial Reporting Analysis by Charles H. Gibson	5	
59	Investment Analysis and Portfolio Management by Reilly Brown	5	
60	Introductory Econometrics for Finance By Chris Brooks	3	
61	Research Methods for Business: A Skill-Building Approach by Uma Sekran	3	
62	Corporate Governance an Introductory Text For Pakistan By Safdar Butt	5	
63	Quantative Techniques for Business Management By Victoriano	1	
64	Knowledge Management by Shelda Debowski	2	
65	Basic Econometrics 5th Edition by Damodar Gujarati	5	
66	Financial Modeling third edition Edition by Simon Benninga	3	
67	Behavioral Finance: Investors, Corporations, and Markets, edited by H. Kent Baker, John R. Nofsinger	3	
68	Entrepreneurial Finance by Janet Kiholm Smith	3	
69	Philosophy of Social Science by Bishop	5	
70	Research methods for public administration and non profit	5	

	management by Mcnaab,(Latest Edition)		
71	Strategic Human resource Management by Nankervis and Compton	6	
72	Organizations and organizing by Richard Scott and G, Davis	6	
73	Organization development and change by Thomas Commings and C, Worley	6	
74	Organization Behaviour by Semma Sanghi and Robbins	6	
75	Human resource management by R, Mondy and M, Noe	6	
76	Strategic Compensation by Joseph and Martocchio	6	
77	Employee Training and Development by Raymond Noe	6	
78	Project Management by Gray and Larson	6	
MATHEMATICS			
1	Calculus Howard Anton, C. Bivens, Stephen Davis, John Wiley, New York.	3	
2	Calculus, Stewart James	3	
3	Thomas Calculus, George B. Thomas, Maurice D. Weir and Joel Hass, Addison-Wesley, USA	2	
4	Engineering Mechanics Dynamics, Anthony M. Bedford, Wallace Fowler, Addison-Wesley,USA.	2	
5	Classical Mechanics, Chow, L. Tai, J.W.Hardcover, New York	2	
6	Classical Mechanics, Herbert Goldstein, Charles P. Poole, John L.Safko, Addison-Wesley, USA	2	
7	Classical Dynamics of Particles and Systems Stephen T. Thornton,Jerry B. Marion, Academic Press, New York.	1	
8	Principles of Mechanics, John L Synge, Byron A Griffith, McGraw Hill, New York	1	
9	Linear Algebra, Seymour Lipschutz and Marc Lipson, McGraw-Hill	3	
10	Elementary Linear Algebra with Applications, Bernard Kolman, Pearson Education	3	
11	Elementary Linear Algebra, Howard Anton and Chris Rorres, John Wiley & Sons	2	
12	Introduction to MATLAB 6, Dolores Etter, David Kuncicky, HollyMoore, Prentice Hall, Englewood Cliffs, NJ, USA.	2	
13	The Maple Book, Frank Garvan, Chapman & Hall/CRC	2	
14	Mathematica as a Tool An Introduction with Practical Examples Stephan Kaufmann, Springer, New York.	1	
15	Elementary Number Theory David M. Burton, Allyn and Bacon	4	
16	Topics from the Theory of Numbers (Modern Birkhäuser Classics) Emil Grosswald, the Macmillan Company.	3	
17	Topics in Number Theory, Volumes I and II (Dover Books on Mathematics) William J. Leveque, Addison-Wesley, USA	1	

18	Elementary Number Theory David M. Burton, Allyn and Bacon	1	
19	Topics from the Theory of Numbers (Modern Birkhäuser Classics) Emil Grosswald, the Macmillan Company.	1	
20	Topics in Number Theory, Volumes I and II (Dover Books on Mathematics) William J. Leveque, Addison-Wesley, USA.	1	
21	Number Theory Ivan Niven, Herbert S. Zuckerman, Hugh L. Montgomery, Wiley Eastern.	1	
22	Elementary Number Theory and Its Applications, Kenneth H. Rosen, Addison-Wesley, USA.	1	
23	Abstract Algebra D. S. Dummit and R. M. Foote, John Wiley & Sons, Inc.	2	
24	Vector Analysis and Cartesian Tensors P.C.Kendall, D.E. Bourne, CRC Press.	4	
25	Vector and Tensor Analysis N. A. Shah, A-One Publishers, Lahore	5	
26	Vector Analysis G.D. Smith, Oxford University Press, Oxford	1	
27	Vector Analysis M. R. Spiegel, McGraw Hill, Dennis New York.	1	
28	Differential Equations with Boundary-Value Problems G. Zill, Michael R. Cullen, PWS Publishing Company.	3	
29	Introduction to Real Analysis Robert G. Bartle, Donald R. Sherbert, JohnWilley, New York.	3	
30	Introduction to Real Analysis RL. Brabenec, PWS Publishing Company	2	
31	Introduction to Analysis Edward Gaughan, Brooks/Cole.	1	
32	Principles of Mathematical Analysis, Walter Rudin, McGraw Hill, New York	1	
33	Complex Variables and Applications, J.W Brown, R.V. Churchill, McGraw Hill, New York.	2	
34	Fundamental of Complex Analysis, Dr. M. Iqbal, IlmiKitabKhana, Pakistan.	5	
35	Elements of Differential Geometry, Richard S. Millman , George D. Parker, Prentice Hall Inc New Jersey.	1	
36	Lectures on Classical Differential Geometry, Dirk J. Struik, Addisson-WeslyPublishing Company,Inc,Massachusetts.	1	
37	Elementary Differential Geometry, B.O. Neil, Academic press	1	
38	Differential Geometry of Three Dimensions Volume I, C. E. Weather burn,Cambridge at the University Press	1	
39	An Introduction to Differential Geometry (Dover Books on Mathematics), T. Willmore	1	
40	Introduction to Differential Geometry, Abrahan Goetz, Addisson-Wesly	1	
41	Vector and Tensor Methods, F. Charlton, Ellis Harwood	1	

42	Elementary Linear Algebra with Applications, Bernard Kolman David Hill.	2	
43	Advanced Calculus: An Introduction to Analysis, Watson Fulk, John Wiley, New York	2	
44	Tensor Analysis on Manifolds, R. L. Bishop, S. I. Goldberg, Dover	1	
45	Riemannian geometry, M. P. Do Carmo, Birkhauser	2	
46	Differential Forms and Variational Principles, D. Lovelock, H. Rund, Dover.	1	
47	Differential and Riemannian geometry, D. Langwitz, Academic Press	1	
48	Manifolds, Tensor Analysis and Applications, R. Abraham, J. E. Marsden, T. Ratiu, Springer	1	
49	Introduction to topology and modern analysis, G.F Simon, McGraw Hill, Company, New York	3	
50	General topology, J.Willard, Addison-Wesley publishing company	2	
51	General topology, SEYMOUR LIPSCHUTZ, Schaum's publishers Co. New York	2	
52	A text Book of Dynamics, F. Shorltion, CBS Publishers.	1	
53	Classical Mechanics, R. D. Gregory, Cambridge University Press	1	
54	Functional Analysis in Modern Applied Mathematics, RF. Curtain, AJ. Pritchard, Academic Press, New York	2	
55	Foundations of Modern Analysis, A. Friedman, Dover	1	
56	Introductory Functional Analysis with Applications, E KreyszigDover, John Wiley, New York.	2	
57	Functional Analysis, W. Rudin, McGraw Hill, New York	1	
POLITICAL SCIENCES			
1	Introduction to Political Science National Book Foundation Islamabad	5	
2	Mazher ul Haq Theory and Practice in Political Science Lahore Book land	5	
3	Muhammad Sarwar Introduction To Political Science Lahore Ilmi Kutab khana Lahore	5	
4	Almond,G A comparative Politics Prinston U.P, (Latest Edition)	5	
5	Career,G.M Major Foreign Powers New yourk	5	
6	David Easton Thee System Analysis of Political Life New York	5	
7	Arthur Hugs American Government	5	
8	Binder Leonard crisis and Sequences In Political Development	5	
9	Patterson,Thomas,E. The American Democracy,Boston,McGraw Hill College	5	
10	Political Institutions and Politics by Colomer,J.M.	5	
11	Eatwell ,r.and Wright,A.(eds)Contemporary ideologies	5	

	London ;Printer .An assortment of Contmporary writers disscuss the leading Ideologies Good,Clear writting		
12	Hassan Askari Rizvi Millitaryand Politics in Pakistan progressive Publishers	5	
13	G.W.Choaudhary ,Constitutional Development in Pakistan Longman Sang e Meel Publication	5	
14	Paul Kelly Political Thinkers: From Socrates to the Preston ,Oxford university Press	5	
15	William Kymlicka, Contemporary Political Philosophy An; Introduction. Oxford university Press	5	
16	Ebestein,Political Thought From Plato to Present London	5	
17	Alan Bryman, Social Research Methods Oxford University Press	5	
18	Sharlene nagy Hesse Biber,Approaches to Qualitative research:A Reader on Theory and Practice Oxford University Press	5	
19	Afzal Iqbal ,Diplomacy in Islam (Latest Edition)	5	
20	Henry Kissinger Diplomacy New York Simon and Schuster	5	
21	Allen Drazen Political Economy in Macroeconomics Prinston and Prinston University Press	5	
22	David balaam and Michael Veseth introduction to international Political Economy	5	
23	David A.Key, The United Nations Political System .(Latest Edition)	5	
24	Avi Shaaim ,International organizations in world politics New York Yearbook	5	
25	Ian Talbot Pakistan :A political Study	5	
26	How to study History by Cantor ,Norman	5	
27	What is History by E.H.Carr	5	
28	What I s History by Gorden V.Childe	5	
29	Theories of history by Patrick Gardener	5	
30	History of history by S.M Jaffnar	5	
31	History as Social science by David S Land and Tilly	5	
32	The Nature of History Arthur marwick	5	
33	The Muslims Sepration in India by Abdul Hameed	5	
34	India Wins freedom by Abdul Waheed khan	5	
35	Histography by Sri darn	5	
36	The story of A nation By G Allana	5	
37	Pakistan or the Partision of India B.R Anderson	5	
38	The days of the company by Anderson and Subedar (Latest Edition)	5	
39	A History of the idea of Pakistan by K.K.Aziz	5	
40	The Brtish impact on India by P.Giffiths	5	
41	The Emergence of Pakistan by by Ch.Mohmmad Ali	5	
42	The India war of Independence By V.D Savarkar	5	
43	Urdu Hindi tanaza Az farman e Fateh Puri	5	

44	Karwane Gum Gushta Az R. Ahmmad Jaffari	5	
45	Working with Zia by Gen.K.M.Arif	5	
46	The political System of Pakistan by Khalid Bin syed	5	
47	Political History of Pakistan By oxford university press	5	
48	Partion of India by H.M.seervi	5	
49	Constituent development in Pakistan by G W Chaudhary	5	
50	Research: theoretical perspective by Shahnaz Arifullah and K.M.Bhatti	5	
51	Research methods in Social Sciences by Briget Somekh on Cathy Lewin, New Delhi	5	
52	Research Methods by Donal H. McBurney, New York Wadsworth	5	
53	Emipirical Political Analysis : Research Methods in Political Science by Jarol B. Manheim and Richard C. Rich	5	
54	The Foreign Policy of Pakistan: Sectarian Impacts on diplomacy by Musa Khan Jalal Zai, Lahore	5	
55	Contemporary Pakistan: Political Process, Conflicts and Crises by Veena Kukraj, New Delhi	5	
56	Makers of Modern Strategy: From Machiavelli to the Nuclear age Edited by Paret Peter, Oxford	5	
57	International Relations by Martin Griffith	5	
58	Comparative Politics: A Developmental Approach By Almond and Powell, Boston Little Brown and Co	5	
59	Political Development and Democratic Theory by Steven J. Hood, New Delhi	5	
60	The Globalization of Worlds Politics An introduction to international relations by John Baylis and Steven Smith, Oxford University Press	5	
61	Pakistan's Security and Foreign Policy by Agha Shahi, Lahore	5	
62	The New Geopolitics of Central Asia and its Border Lands, London, I.B Tauris and Co. Ltd	5	
63	Wolrd Politics: Trends and Transformations by Charles W. Keagley, Wadsworth	5	
64	An introduction to international relations by John Baylis and Steven	5	
65	Pakistan's Security and Foreign Policy by Agha Shahi, Lahore	5	
66	The New Geopolitics of Central Asia and its Border Lands, London, I.B Tauris and Co. Ltd	5	
67	Terrorism in the 21st Century by Cindy Combs, New Gersey, Prentice Hall	5	
68	Pakistan and Changing Regional Scenario by Mushahid Hussain Lahore	5	
69	Pakistan and Great Powers by Ch Muhammad, Karachi Council of Studies	5	
70	Constitutional Development in Pakistan by G.W.	5	

	Choudhury, Longman ELT		
71	Contemporary Problems of Pakistan by J. Henry Korson, Westview Press	5	
72	The politics of Developing Areas Ed by Ga75briel Ahmed and James Coleman, Princ76eton University Press	5	
73	The Myth of Independence by Z.A. Bhutto, Oxford University	5	
74	Pakistan's Foreign Policy and Geo-Strategic Environment by Hassan Askari Rizvi, Palgrave Macmillan	5	
75	Theory of International Politics by Waltz Kenneth	5	
76	Nationalism and Internationalism in Three Traditions by Tahir Amin, Islamabad	5	
77	International Politics: A Framework of Analysis by Holsti K. J.	5	
78	A Multipolar Peace? Great Power Politics in the 21st Century by Charles W. Keagley and Gregory Raymond, New York Part-III	5	
79	The Military and Politics in Pakistan by Hassan Askari Rizvi	5	
80	Social Research Methods: Quantitative and Qualitative Approaches by W. Lawrence Neuman	5	
81	Research Methodology by Ranjit Kumar, Sage Publications	5	
82	Social Science Research Methods by Bruce A. Chadwick, Howard M. Bahr and Stan L. Albrecht, Prentice Hall	5	
83	Methods in Social Research by Goode and Hatt, McGraw Hill	5	
84	Pakistan Foreign Policy: An Historical Analysis by S.M. Burki and Lawrence Ziring, Karachi Oxford University Press	5	
85	Rethinking Foreign Policy Analysis by Stephen G. Walker, Akan Malici and Mark Schafer	5	
86	Foreign Policy of Pakistan by Hameed A. K. Ro	5	
87	The United States and Pakistan, 1947-2000: Disenchanted Allies by Dennis Kux, Woodrow Wilson Center Press	5	
88	Eating Grass: The Making of Paksitani Bomb by Feroz Hassan Khan, Stanford University Press	5	
89	The Globalization of World Politics by John Baylis, Steve Smith, Patricia Owens, Oxford University Press	5	
90	International Relations Since 1900 by V.D. Mahajan	5	
91	International Relations by Joshwa S. Gold Stein	5	
92	Comparative Politics Today by Gabriel A. Almond	5	
93	Politics Among Nations by Hans J. Morgenthau	5	
94	The World Since 1945 by Wayne c. McWilliams and Harry Piotrowski	5	
95	Political and Constitutional Development in Pakistan by Hamid Khan	5	
96	International Relations by Peu Ghosh	5	

97	Pakistan Society and Culture by Lubra Saif and Javed Iqbal Syed	5	
98	A history of Political Theory by George H. Sabine	5	
99	Rise and Fall of Great Powers by Paul Kennedy	5	
100	Western Political Thought by Jude Harman	5	
101	History and Politics in Pakistan by Dr. Muhammad Mushtaq Ahmed	5	
102	Formative Phase of Pakistan by Syed K.B	5	
103	The Struggle for Pakistan by I. H. Quresh	5	
104	Western Political Philosophy by V.D. Mahajan	5	
TOTAL AMOUNT			

Annexure- A Technical Proposal Covering Letter

To

Convener, MPAC

Government College Women University,

Sialkot

Dear Sir,

We are hereby submitting our Proposal, which includes the Technical Proposal and the Financial Proposal sealed in two separate envelopes. We have attached the **Technical Bid Form**, **Check List, Detailed Specifications** and the required **supporting documents** and Bid Security of amount Rs. *(insert amount in words and figures)* having C No. along with our Technical Bid.

Yours sincerely,

Authorized Signature

(In full and initials)

Name and Designation of Signatory Name of Firm Address

Annexure- B Check List

The bidder must attach this list along with the Bid

1.1. Packing of the Bid

S#	Description		YES/NO
1	Whether the Bid is submitted in **Two Envelopes**		
2	**Technical Proposal**	***Envelope A***	
3	**Financial Proposal**	***Envelope B***	
4	Whether both Technical and Financial Proposals are put into another **Outer Envelope.**		

1.2. SUBMISSION AND ARRANGEMENT OF SUPPORTING DOCUMENTS

The Bidder must provide all the Supporting Documents, number all the pages of supporting documents, provide the page information and arrange the documents in the following order:

Envelope A: Enclosures of Technical Proposal		**Attached YES/NO**	**Page#**
1	**Check List**		
2	**Covering Letters of both proposals (Technical & Financial) must have reference number of vendor with date.**		
3	Technical Bid Form duly signed and Stamped by the Bidder		
4	Specifications of quoted items on the Letter Head of the bidder		
5	Copy of **Income Tax Registration Certificate**		
6	Copy of **Sales Tax Registration Certificate**		
7	**Affidavit/Undertaking** on the Stamp Paper		
8	Bid Security in shape of CDR		
9	Tender Fee in prescribed forms		
10	Proof of Sales of the Company		
11	List of Staff		
12	The specified **catalogues / brochures / Samples** of items quoted by the bidder		
Note: All the above documents and any other supporting document must be numbered and page number must be mentioned in the column specified for the purpose.			
Total Number of pages attached with the Technical Bid		**_____ Pages**	
14	**Tender Document** duly signed and stamped each page by the bidder must be attached at the end of the Technical Bid but numbering is not required for this document.		

Envelope B : Enclosures of Financial Proposal		**Attached YES/No**	**Page #**
1	Financial Proposal Covering Letter		
2	Price Schedule Form duly filled, signed and stamped by the bidder		

Annexure- C BID FORM

Technical Bid Form

S #	Particulars	Bidder's Response
A	**Information about the Bidder**	
	Name of the Company	
	Year of Incorporation/Registration	
	NTN Registration Number	
	GST Registration Number	
	Address	
	Office Telephone Number	
	Email Address of the Company	
	Name of Contact Person	
	Mobile No. of Contact Person	
	Email Address of Contact Person	

B- **Past Performance (Detail of Top** Supply Orders for supply of relevant items received in the past**)**

S#	Name of Project	PO/LOA/ Contract No & Date	Value of Project in PKR	Item Detail	Customer (Name of Institution)	Customer Contact Person Name and Phone No.
1						
2						
Total Value of relevant Projects (Rs)						

Annexure- D AFFIDAVIT/BIDDER'S UNDERTAKING ON THE STAMP PAPER

Ref: **Tender No. GCWU/SKT/PO/22-23/03. published on PPRA & on GCWUS website.**

1. We have examined the Tender/Bid Document and we undertake to meet the requirements regarding supply of Items, warranty and services as required and are prescribed in the Tender Document.
2. It is certified that the information furnished here in and as per the document submitted is true and correct and nothing has been concealed or tampered with.
3. We have read the provisions of Tender/Bid Document and confirm that these are acceptable to us. We further declare that additional conditions, variations, deviations, if any, found in our response shall not be given effect to.
4. We agree to unconditionally accept all the terms and conditions set out in the Tender/Bid Document
5. We undertake, if our Bid is accepted, to supply the items within the delivery period mentioned in the Tender Document.
6. We understand that no document regarding evaluation criteria will be accepted after opening of the Technical Bids and we are bound to provide all the documentary proofs regarding evaluation criteria or any other supporting document at the time of opening of Technical Bids.
7. We agree that the Purchase Committee of Government College Women University is not bound to accept the lowest or any of the bids received. We also agree that the Purchase Committee reserves the right in absolute sense to reject all the products/ services specified in the Bid Response without assigning any reason whatsoever under PPRA Rules 2014.
8. We also declare that our Company/Organization is not blacklisted by any of the Federal or Provincial Government in Pakistan.

[Name and Signatures of authorized Person along with stamp]

Annexure- E Financial Proposal Covering Letter
(to be attached with Financial Proposal)

To

Convener, MPAC

Government College Women University,

Sialkot

Dear Sir,

With Reference to your Tender No. GCWU/SKT/PO/22-23/03. for ((i). Laboratory Equipment (ii). ICT Facilities (iii). Furniture & Fixture (iv). Books & Journals).

Please find attached our Financial Proposal for the sum of Rs. (*insert amount in words and figures*)_. This amount is inclusive of all taxes.

Yours sincerely,

Authorized Signature

Annexure-F Contract Agreement Form

THIS AGREEMENT made the *[day]* day of *[month] [year]* between *[Government College Women University]* (hereinafter called "the University") of the one part and *[name and address of Supplier]* (hereinafter called "the Supplier") of the other part:

WHEREAS the University invited Tenders for certain goods and related services, viz, *[brief description of goods and related services]* and has accepted a Tender by the Supplier for the supply of those goods and related services in the sum of Rs.*[Contract Price in figures and in words]* (hereinafter called "the Contract Price").

NOW THEREFORE the parties hereby agree as follow:

1- The following documents attached shall be deemed to form and integral part of this Contract:
   - i- Tender/Bid Document
   - ii- Letter of Acceptance
2- The Terms and Conditions of Supply Order/Contract given in the Tender/Bid Document will be applicable.
3- The mutual rights and obligations of the University and the Supplier will be preserved in the light of Terms and Conditions mentioned in the Tender /Bid Document.

IN WITNESS whereof the parties have caused this Contract to be executed in accordance with the laws of Pakistan on the day, month and year written above.

For Government College Women University Sialkot: **For the Supplier:**

Signature

Print Name

Title