



LAHORE COLLEGE FOR WOMEN UNIVERISTY, LAHORE

BIDDING DOCUMENTS FOR

TENDER DOCUMENT FOR THE PURCHASE OF **PLANT & MACHINERY AND IT EQUIPMENT FOR DPT (DEPARTMENT OF PHYSICAL THERAPY), **CHEMICALS/CONSUMABLES** FOR NRPU PROJECT AND ALLIED HEALTH SCIENCES, LAB EQUIPMENT/CHEMICALS KITS/LAB, GLASSWARE'S/ APPARATUS FOR PHARMACEUTICALS AND ALLIED HEALTH SCIENCES F.Y 2023-2024**

Tender No. LCWU/Tender/2023-24/18

Table of Contents

Table of Contents

SECTION-I: INVITATION TO BIDS	5
1.1 INVITATION TO BIDDERS	5
SECTION-II: INSTRUCTIONS TO BIDDERS (ITB)	6
2.1. INTRODUCTION	6
2.1.1 Scope of Bid	6
2.1.2 Source of Funds	6
2.1.3 Eligible Bidders	6
2.1.4 Eligible Goods and Services	8
2.1.5 Cost of Bidding	8
2.1.6 One person one bid	9
2.2. THE BIDDING DOCUMENTS	9
2.2.1 Content of Bidding Documents	9
2.2.2 Clarification of Bidding Documents	10
2.2.3 Amendment of Bidding Documents	11
2.3. PREPARATION OF BIDS	11
2.3.1 Language of Bid	11
2.3.2 Bid Form	11
2.3.3 Bid Prices	12
2.3.4 Bid Currencies	12
2.3.5 Documents Establishing Bidder's Eligibility and Qualification	12
2.3.6 Documents Establishing Goods' Eligibility and Conformity to Bidding Documents	12
2.3.7 Bid Security	14
2.3.8 Period of Validity of Bids	15
2.3.9 Format and Signing of Bid	15
2.4. SUBMISSION OF BIDS	16
2.4.1 Sealing and Marking of Bids	16
2.4.2 Deadline for Submission of Bids	17
2.4.3 Late Bids	17
2.4.4 Modification and Withdrawal of Bids	18
2.5. OPENING AND EVALUATION OF BIDS	18
2.5.1 Opening of Bids by the Procuring Agency	18
2.5.2 Confidentiality	20
2.5.3 Clarification of Bids	20
2.5.4 Preliminary Examination	21
2.5.5 Examination of Terms and Conditions; Technical Evaluation	22
2.5.6 Correction of Errors	22
2.5.7 Conversion to Single Currency	23
2.5.8 Post-Qualification & Evaluation of Bids	23
2.5.9 Contacting the Procuring Agency	24
2.5.10 Grievance Redressal	24
2.6. AWARD OF CONTRACT	25
2.6.1 Notification of Award	25
2.6.2 Performance Guarantee	25
2.6.3 Signing of Contract/ Issuance of Purchase Order	26
2.6.4 Award Criteria	26
2.6.5 Procuring Agency's Right to Vary Quantities at Time of Award	26
2.6.6 Procuring Agency's Right to Accept or Reject All Bids	26
2.6.7 Re-Bidding	26
2.6.8 Corrupt or Fraudulent Practices	26
SECTION-III. TECHNICAL SPECIFICATIONS	27

3.1. TECHNICAL SPECIFICATIONS	27
SECTION-IV: BID DATA SHEET.....	36
A. INTRODUCTION	36
B. BIDDING DOCUMENTS	37
C. BID PRICE, CURRENCY, LANGUAGE AND COUNTRY OF ORIGIN	37
D. PREPARATION AND SUBMISSION OF BIDS	37
E. OPENING AND EVALUATION OF BIDS	38
24.	39
2.5.8	39
F. BID EVALUATION CRITERIA	39
ONLY THE BIDS SECURING MINIMUM 60% MARKS WOULD BE DECLARED TECHNICALLY ACCEPTED AND EVALUATION CRITERIA IS GIVEN BELOW:	39
G. AWARD OF CONTRACT	40
SECTION-V: GENERAL CONDITIONS OF CONTRACT	40
1. DEFINITIONS	40
2. APPLICATION.....	41
3. COUNTRY OF ORIGIN	41
4. STANDARDS.....	41
5. USE OF CONTRACT DOCUMENTS AND INFORMATION; INSPECTION AND AUDIT BY THE PROCURING AGENCY. ..	41
6. PATENT RIGHTS.....	42
7. PERFORMANCE GUARANTEE.....	42
8. INSPECTIONS AND TESTS	42
9. PACKING	43
10. DELIVERY AND DOCUMENTS	44
11. INSURANCE	44
12. TRANSPORTATION	44
13. INCIDENTAL SERVICES.....	44
14. SPARE PARTS	44
15. WARRANTY	44
16. PAYMENT.....	45
17. PRICES	45
18. CHANGE ORDERS.....	45
19. CONTRACT AMENDMENTS	46
20. ASSIGNMENT	46
21. SUB-CONTRACTS	46
22. DELAYS IN THE SUPPLIER'S PERFORMANCE.....	46
23. LIQUIDATED DAMAGES	47
24. TERMINATION FOR DEFAULT	47
25. FORCE MAJEURE.....	48
26. TERMINATION FOR INSOLVENCY.....	48
27. TERMINATION FOR CONVENIENCE	48
28. RESOLUTION OF DISPUTES	49
29. GOVERNING LANGUAGE	49
30. APPLICABLE LAW	49
31. NOTICES	49
32. TAXES AND DUTIES	49
SECTION-VI. SPECIAL CONDITIONS OF CONTRACT	50
SPECIAL CONDITIONS OF CONTRACT.....	50
1. <i>Definitions (GCC Clause 1)</i>	50
2. <i>Country of Origin (GCC Clause 3)</i>	50
3. <i>Performance Guarantee (GCC Clause 7)</i>	50
4. <i>Inspections and Tests (GCC Clause 8)</i>	50
5. <i>Packing (GCC Clause 9)</i>	50
6. <i>Delivery and Documents</i>	50
7. <i>Insurance</i>	50
8. <i>Incidental Services (GCC Clause 13)</i>	51
9. <i>Spare Parts</i>	51

10. Warranty	51
11. Sample provision.....	51
12. Payment (GCC Clause 16).....	51
13. Prices (GCC Clause 17)	51
14. Liquidated Damages (GCC Clause 23)	51
15. Resolution of Disputes (GCC Clause 28).....	52
16. Governing Language (GCC Clause 29).....	52
17. Applicable Law (GCC Clause 30)	52
18. Notices (GCC Clause 31).....	52
SECTION-VII. SCHEDULE OF REQUIREMENTS.....	52
SECTION-VIII: SAMPLE FORMS	61
8.1 BID FORM	62
8.4. BIDDER PROFILE FORM.....	63
8.6. AFFIDAVIT	65
8.7. PERFORMANCE GUARANTEE FORM	66
8.8. TECHNICAL BID FORM.....	66
8.9. CONTRACT FORM	75
8.11. BID SECURITY FORM	88
SECTION IX- CHECK LIST	89

Section-I: Invitation to Bids

1.1 INVITATION TO BIDDERS

Tender Notice

Bid Ref No. LCWU/Tender/2023-24/18

BIDDING DOCUMENT FOR THE PURCHASE OF PLANT & MACHINERY AND IT EQUIPMENT FOR DPT (DEPARTMENT OF PHYSICAL THERAPY), CHEMICALS/CONSUMABLES FOR NRPU PROJECT AND ALLIED HEALTH SCIENCES, LAB EQUIPMENT/CHEMICALS KITS/LAB, GLASSWARE'S/ APPARATUS FOR PHARMACEUTICALS AND ALLIED HEALTH SCIENCES F.Y 2023-2024

Sealed Bids on **item wise basis** are invited from Bidders i.e. firms/companies/sole proprietor/ engaged in trading, registered with relevant Registration Authorities and Tax Departments/ Authorities (Income Tax & Sales Tax). The Bids shall be received as per **single stage two envelope procedures**.

Bidding Document, in the English language, can be purchased by the interested Bidders on the submission of a written application to the addressee below and upon payment of a non-refundable fee of **Pak Rs.2,000/-** which should be deposited in **NBP Bank Account No. 3001023017 LCWU Miscellaneous Receipt, BOP 6510047285400469 LCWU Miscellaneous Receipt Lahore College for Women University, Lahore. OR P.O/Bankers Cheque (Vice Chancellor Lahore College for Women University, Lahore)**

S#	Tender #	Tender Name	Description	Qty	Estimated Amount (Rs)	4% CDR amount of estimated Cost (Rs.)	Closing Date & Time	Opening Date & Time
1.	LCWU/23-24/18	Plant & Machinery and IT Equipment for DPT (Department of Physical Therapy), Chemicals/Consumables for NRPU Project and Allied Health sciences, Lab Equipment/Chemicals kits/Lab, Glassware's/ Apparatus for Pharmaceuticals and Allied Health Sciences F.Y 2023-2024	Plant & Machinery and IT Equipment (LED , Laptop) for DPT (Department of Physical Therapy), Chemicals/Consumables for NRPU Project and Allied Health sciences, Lab Equipment/Chemicals kits/Lab, Glassware's/ Apparatus for Pharmaceuticals and Allied Health Sciences F.Y 2023-2024	Details in Bid Documents	10,666,400	426,656	28-03-2024 till 12:00 PM	28-03-2024 at 12:30 PM

Bids must be delivered to the addressee below on or before **the closing date/time**. All Bids must be accompanied by a Bid Security of 4% of the estimated price in the form of CDR/ Demand Draft / Pay Order in favor of "Vice Chancellor Lahore College for Women University, Lahore". Late Bids shall be rejected. The Bids will be opened in the presence of the Bidders' representatives who may choose to be present at the address below. Interested eligible Bidders may obtain further information from the Purchase Section of Lahore College for Women University, Lahore at the address given below from. Bid Validity will be 90 days.

Bidding Documents are immediately available after date of publication. Lahore College for Women University, Lahore will not be responsible for any cost or expense incurred by Bidders in connection with the preparation or delivery of Bids. **In case of official holiday on the day of submission, next day will be treated as closing date.** The Bidding document carrying all details can also be downloaded from <https://lcwu.edu.pk/> and website of Punjab Procurement Regulatory Authority <http://ppra.punjab.gov.pk>.

Convener Purchase Committee

Lahore College for Women University, Lahore

Ph.042-99206301-09, Ext. 286/210 www.lcwu.edu.pkEmail: purchase@lcwu.edu.pk

Section-II: Instructions to Bidders (ITB)

2.1. Introduction

- 2.1.1 Scope of Bid**
- i) Lahore College for Women University, Lahore invites Bids for the provision of Goods as specified in the **Section-IV Bid Data Sheet (BDS)** and **Section III - Technical Specifications & Section VII- Schedule of Requirements**. The successful Bidders will be expected to deliver, install/ commissioning) the goods within the specified period and timeline(s) as stated in the BDS.
- 2.1.2 Source of Funds**
- i) Lahore College for Women University, Lahore has available Budget from own sources. The University intends to apply the provided funds/ a portion of this budget to make eligible payments under the contract for which the Invitation to bids has been issued.
- 2.1.3 Eligible Bidders**
- i) The Invitation to Bids is open to companies/sole proprietor/ registered with relevant Registration Authorities and Tax Departments/ Authorities (Income Tax & Sales Tax & Punjab Sales Tax etc.)
 - ii) Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by Lahore College for Women University to provide consultancy services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation to Bids [if applicable].
 - iii) Government-owned enterprises may participate only if they are duly/legally authorized in this regard by the respective/relevant competent forum/authority.
 - iv) Bidders shall not be under a declaration of blacklisting by any Government department/other Procuring Agency or by Punjab Procurement Regulatory Authority (PPRA). During the Procurement Process / execution of the Contract, if the firm/ bidder is blacklisted by any Government department/other Procuring Agency or by Punjab Procurement Regulatory Authority (PPRA), if such blacklisted bidder wants to execute the contract awarded after its blacklisting, the bidder/ firm shall provide 100% Bank Guarantee against the awarded Contract value and in case the bidder regret to do so then the Procuring Agency may proceed with second lowest evaluated

bidder.

v) A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be Non-Responsive. A Bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

- a) Are associated or have been associated for the procurement of the goods to be purchased under this Invitation for Bids, directly or indirectly with a firm or any of its affiliates which have been engaged by the Procuring Agency to provide consulting services for the preparation of the design, specifications and other documents to be used.
- b) Have controlling shareholders in common; or
- c) Receive or have received any direct or indirect subsidy from any of them; or
- d) Have the same legal representative for purposes of this Bid; or
- e) Have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Agency regarding this Bidding process; or

xii) **A Bidder may be ineligible if –**

- (a) The Bidder is declared bankrupt or, in the case of company or firm, insolvent;
- (b) Payments in favor of the Bidder is suspended in accordance with the judgment of a court of law other than a judgment declaring bankruptcy and resulting, in accordance with the national laws, in the total or partial loss of the right to administer and dispose of its property;
- (c) Legal proceedings are established against such Bidder involving an order suspending payments and which may result, in accordance with the national laws, in a declaration of bankruptcy or in any other situation entailing the total or partial loss of the right to administer and dispose of the property;

(d) The Bidder is convicted, by a final judgment, of any offence involving professional conduct;

(e) The Bidder is debarred and blacklisted due to involvement in corrupt and fraudulent practices in accordance with the provision of section 17A of PPRA Act, 2009 and Rule-21, read with Schedule appended with, Punjab Procurement Rules, 2014.

(f) The Bidder is debarred and blacklisted in general (i.e. to the extent of all public procurement) due to consistent performance failure in accordance with the section 17A of PPRA Act, 2009 and Rule-21, read with Schedule appended with, Punjab Procurement Rules, 2014.

(g) The firm, supplier and contractor is blacklisted/debarred by any international organization.

xiii) Bidders shall provide to the Procuring Agency evidence of their eligibility, proof of compliance with the necessary legal requirements to carry out the contract effectively.

xiv) Bidders shall provide such evidence of their continued eligibility satisfactory to the Procuring Agency, as the Procuring Agency shall reasonably request.

2.1.4. Eligible Goods and Services

i) All goods and related services to be supplied under the Contract shall have their origin in eligible source countries, defined in the *Bid Data Sheet (BDS/Technical Specification)*,

ii) For purposes of this clause, "origin" means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially-recognized product is obtained that is substantially different in basic characteristics or in purpose or utility from its components.

iii) The origin of goods and services is distinct from the nationality of the Bidder. *In any case, the requirements of Rules 10 & 26 of PPR-14, shall be followed.*

2.1.5. Cost of Bidding

i) The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the **Lahore College for Women University, Lahore** hereinafter referred to as "**the Procuring Agency,**" will in no case be responsible or liable for those

costs, regardless of the conduct or outcome of the Bidding process.

- 2.1.6. One person one bid**
- i) As per Rule 36A of Punjab Procurement Rules 2014, a Bidder shall submit only one Bid in the same bidding process individually as a Bidder.

2.2. The Bidding Documents

- 2.2.1. Content of Bidding Documents**
- i) The goods required, Bidding procedures, and contract terms are prescribed in the Bidding documents. The Bidding documents, inter alia, include:
 - (a) Invitation to Bids
 - (b) Instructions to Bidders (ITB)
 - (c) Technical Specifications
 - (d) Bid Data Sheet
 - (e) General Conditions of Contract (GCC)
 - (f) Special Conditions of Contract (SCC)
 - (g) Schedule of Requirements
 - (h) Bid Form
 - (i) Bidder Profile Form
 - (j) General Information Form
 - (k) Affidavit
 - (l) Bid Security Form
 - (m) Technical Bid Form
 - (n) Contract Form
 - (o) Financial Bid Form / Price Schedule
 - (p) Performance Guarantee Form
 - (q) Check List
 - ii) The Bidder is required to examine all instructions, forms,

terms, and specifications in the Bidding documents. Failure to furnish all information as required by the Bidding documents or to submit a Bid not responsive to the Bidding documents in every respect will be at the Bidder's risk and may result in the rejection of its Bid.

- iii) In case of discrepancies between the Invitation to Bid and the Bidding Documents listed in **ITB 2.2.1 (i)** above, the said Bidding Documents, not in conflict with any provision of PPR-14, will take precedence.
- iv) The Procuring Agency is not responsible for the completeness of the Bidding Documents and their addenda, if they were not obtained directly from the Procuring Agency or from its website or website of PPRA. Re-confirming from the Procuring Agency that all pages/ contents have been properly and clearly received is the prime responsibility of the Bidder.

2.2.2. Clarification of Bidding Documents

- i) A prospective Bidder requiring any clarification of the Bidding documents may notify the Procuring Agency in writing or by email at the Procuring Agency's address indicated in Invitation to Bid/ Tender Notice/ Advertisement. The Procuring Agency will respond in writing to any request for clarification of the Bidding documents which it receives **no later than seven (7) days prior to the deadline** for the submission of Bids prescribed in the Bid Data Sheet. Written copies of the Procuring Agency's response (including an explanation of the query but without identifying) will be sent to all prospective Bidders that have received the Bidding documents.
- ii) A prospective Bidder requiring any clarification of the Bidding Documents may notify the Procuring Agency in writing or in electronic form that provides record of the content of communication at the Procuring Agency's address indicated in the **BDS**.
- iii) The Procuring Agency will **within three (3) working days** after receiving the request for clarification, **respond in writing or in electronic form** to any request for clarification provided that **such request is received not later than seven (7) days prior to the deadline for the submission of Bids**. As prescribed in **ITB 2.2.2 (i), above**. However, this clause shall not apply in case of alternate methods of Procurement.
- iv) Copies of the **Procuring Agency's** response will be uploaded on the website of procuring agency on given date and

forwarded to identified Prospective Bidders through an expeditious identified source of communication, e.g.: e-mail etc., including a description of the inquiry, but without identifying its source.

- v) Should the Procuring Agency deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under **ITB 2.2.3.**
- vi) If indicated **in the BDS**, the Bidder's designated representative is invited at the Bidder's cost to attend a pre-Bid meeting at the place, date and time mentioned **in the BDS**. During this pre-Bid meeting, prospective Bidders may request clarification of the schedule of requirement, the Evaluation Criteria or any other aspects of the Bidding Documents.

2.2.3. Amendment of Bidding Documents

- i) At any time prior to the deadline for submission of Bids, but **not later than three (3) days before the closing date of the submission of Bid**, the Procuring Agency, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, may modify the Bidding documents by amendment. Any such change/amendment in the Bidding documents shall be provided in a timely manner, preferably through electronic means also, not later than three (3) days, and on equal opportunity basis as per Rule-25(3) OR Rule 25(4) of PPR-14 as the case may be.
- ii) In order to allow prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Procuring Agency, at its discretion, may extend the deadline for the submission of Bids, as per rule 29 of PPR-14, in the manner similar to the original advertisements, so as to avoid any inconvenience and to doubly ensure level playing field for all prospective bidders.

2.3. Preparation of Bids

2.3.1. Language of Bid

- i) The Bid prepared by the Bidder, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Procuring Agency shall be written in the language specified in the Bid Data Sheet. Supporting documents and printed literature furnished by the Bidder may be in same language.

2.3.2. Bid Form

- i) The Bidder shall complete the Bid Form and the appropriate

Price Schedule (Financial Bid) furnished in the Bidding documents, indicating the goods to be supplied, a brief description of the goods, their country of origin, quantity, and prices.

2.3.3. Bid Prices

- i) The Bidder shall indicate on **form 8.10** the unit prices (where applicable) and total Bid price of the goods it proposes to supply under the contract.
- ii) Prices indicated on the Price Schedule shall be item wise.
- iii) The Bidder's separation of price components in accordance with ITB Clause 2.3.3(ii) above will be solely for the purpose of facilitating the comparison of Bids by the Procuring Agency and will not in any way limit the Procuring Agency's right to contract on any of the terms offered.
- iv) Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet. A Bid submitted with an **adjustable price quotation** will be treated as non-responsive and may be rejected.

2.3.4. Bid Currencies

- i) Prices shall be quoted in **Pak Rupees**.

2.3.5. Documents Establishing Bidder's Eligibility and Qualification

- i) Pursuant to ITB Clause 2.1.3, the Bidder shall furnish, as part of its Bid, documents establishing the Bidder's eligibility to Bid and its qualifications to perform the contract if its Bid is accepted.
- ii) The documentary evidence of the Bidder's eligibility to Bid shall establish to the Procuring Agency's satisfaction that the Bidder, at the time of submission of its Bid, is eligible as defined under ITB Clause 2.1.3.
- iii) The documentary evidence, of the Bidder's qualifications to perform the contract if its Bid is accepted, shall establish to the Procuring Agency's satisfaction:
 - (a) that the Bidder has the financial, technical, and production capability necessary to perform the contract;
 - (b) that the Bidder meets the qualification criteria listed in the Bid Data Sheet.

2.3.6. Documents Establishing Goods' Eligibility and

- i) Pursuant to ITB Clause 2.1.4, the Bidder shall furnish, as part of its Bid, documents establishing the eligibility and conformity to the Bidding documents of all goods and related

**Conformity to
Bidding Documents**

services which the Bidder proposes to supply under the contract.

- ii) The documentary evidence of the eligibility of the goods and services shall consist of a statement in the Price Schedule/Financial Bid Form of the country of origin of the goods and services offered which shall be confirmed by a **Certificate of Origin** issued at the time of shipment.
- iii) The documentary evidence of conformity of the goods and services to the Bidding documents may be in the form of **literature, drawings, data and shall consist of:**
 - (a) a detailed description of the essential technical and performance characteristics of the goods;
 - (b) an item-by-item commentary on the Procuring Agency's Technical Specifications demonstrating **responsiveness** of the goods and services to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.
- iv) For purposes of the commentary to be furnished, the Bidder shall note that **standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers** designated by the Procuring Agency in its Technical Specifications, are intended to be descriptive only and not restrictive.
- v) Where a sample(s) is required by a procuring agency, the sample shall be:
 - (a) submitted as part of the bid, in the quantities, dimensions and other details requested in the **BDS**;
 - (b) carriage paid;
 - (c) received on, or before, the closing time and date for the submission of bids; and
 - (d) Evaluated to determine compliance with all characteristics listed in the **BDS**.
- vi) The Procuring Agency may retain the sample(s) of the successful Bidder till the successful delivery of the goods. A Procuring Agency may reject the Bid if the sample(s)-
 - (a) do(es) not conform to all characteristics prescribed in the bidding documents; and
 - (b) is/are not submitted within the specified time clearly mentioned in the Bid Data Sheet.
- vii) Pursuant to the requirements as indicated in ITB 2.3.6, the

Bidder shall furnish, as part of its Bid, all those documents establishing the eligibility in conformity to the terms and conditions specified in the Bidding Documents for all goods and related services which the Bidder proposes to deliver.

viii) The required documents and other accompanying documents must be in English.

2.3.7. Bid Security

- i) The Bidder shall furnish, as part of its Bid, a Bid security in the amount specified in the Bid Data Sheet.
- ii) The Bid security is required to protect the Procuring Agency against the risk of Bidder's conduct which would warrant the security's forfeiture Pursuant to ITB Clause 2.3.8. (vii).
- iii) The Bid security shall be in Pakistan Rupees and shall be in one of the following forms:
- iv) **Bank Guarantee, Bank call-deposit (CDR), Demand Draft (DD), Pay Order (PO) or Banker's cheque** valid for 3(three) months beyond the validity of bids.
- v) Any Bid not secured in accordance with ITB Clauses 2.3.8 (i) and (ii) may be rejected by the Procuring Agency as non-responsive.
- vi) Unsuccessful Bidders' Bid security will be discharged or returned as promptly as possible but not later than 7 (seven) days **after the expiration of the period of Bid validity prescribed by the Procuring Agency pursuant to ITB Clause 2.3.8 (ii)** or along with unopened financial proposal as per rule 38(2)(a)(vii) of PPR-14, which shall take precedence, and is as under:
- vii) The successful Bidder's Bid security will be discharged upon the Bidder signing the contract, pursuant to ITB Clause 2.6.1, and furnishing the Performance Guarantee, pursuant to ITB Clause 2.6.2.
- viii) The Bid security may be forfeited:
 - a. If a Bidder withdraws its Bid during the period of Bid validity specified by the Bidder on the Bid Form; or
 - b. In the case of a successful Bidder, if the Bidder:
 - i. Fails to sign the contract in accordance with ITB Clause 2.6.3; **or**
 - ii. Fails to furnish Performance Guarantee in accordance

with ITB Clause 2.6.2; or

- iii. If the blacklisting proceedings under Section-17A of PPRA Act, 2009 read with Rule-21 of PPR-14 are initiated and the bidder is declared blacklisted after due process of law.

2.3.8. Period of Validity of Bids

- i) Bids shall remain valid for the period specified in the Bid Data Sheet after the date of Bid opening prescribed by the Procuring Agency. A Bid valid for a shorter period may be rejected by the Procuring Agency as non-responsive.
- ii) In exceptional circumstances, the Procuring Agency may solicit the Bidder's consent to an extension of the period of validity (as per rule-28 of PPR-14). The request and the responses thereto shall be made in writing (or by email). The Bid security provided under ITB Clause 2.3.8 shall also be suitably extended. A Bidder may refuse the request without forfeiting its Bid security. A Bidder accepting the request will not be required nor permitted to modify its Bid.

2.3.9. Format and Signing of Bid

- i) The Bidder shall prepare an original Bid.
- ii) The Bidder shall authorize a person/ person for signing, submission and further correspondence with Procuring Agency on behalf of bidder. Authority letter must be part of bid. However, in case of any issue bidder shall be responsible for all consequences.
- iii) The Bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person duly authorized to bind the Bidder to the contract. All pages of the Bid, shall be signed and stamped by the authorized person.
- iv) Any interlineation, erasures, or overwriting shall be valid only if they are initialed by the authorized person for signing the Bid.
- v) The Bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as specified in the **BDS** and shall be attached to the Bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Bid, shall be signed and stamped by the authorized person.

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

2.4. Submission of Bids

2.4.1 Sealing and Marking of Bids

- i) As per Rule 24, the Bidder shall seal the bid.
- ii) The envelope shall:
 - a. be addressed to the Procuring Agency at the address given in the Bid Data Sheet; and
 - b. bear the title of procurement Activity indicated in the Bid Data Sheet, the Invitation to Bids (ITB) title and number indicated in the Bid Data Sheet, and a statement: “DO NOT OPEN BEFORE..... (time and date),” *[to be completed with the time and the date specified in the Bid Data Sheet, pursuant to ITB Clause 2.4.2.]*
- iii) The inner envelopes shall also indicate the name and address of the Bidder to enable the Bid to be returned unopened in case it is declared “late”.
- iv) If the outer envelope is not sealed and marked as required by ITB Clause 2.4.1 (i), the Procuring Agency will assume no responsibility for the Bid’s misplacement or premature opening.
- v) The envelopes shall:
 - a) Be addressed to the Procuring Agency at the address given in the **BDS**; and
 - b) Bear the title of the subject procurement or Project name, as the case may be as indicated in the **BDS**, the Invitation to Bids (ITB) title and number indicated in the **BDS**, and a statement: “DO NOT OPEN BEFORE,” to be completed with the time and the date specified in the **BDS**, pursuant to **ITB 2.4.2.**
- vi) **In case of Single Stage Two Envelope Procedure**, The Bid shall comprise two envelopes submitted simultaneously, one called the Technical Proposal and the other Financial Proposal. Both envelopes to be enclosed together in an outer single envelope

called the Bid. Each Bidder shall submit his bid as under:

- a) Bidder shall submit his TECHNICAL PROPOSAL and FINANCIAL PROPOSAL in separate inner envelopes and enclosed in a single outer envelope.
- vii) The inner and outer envelopes shall:
 - a) be addressed to the Procuring Agency at the address provided in the BDS;
 - b) bear the name and identification number of the contract as defined in the BDS; and provide a warning not to open before the time and date for bid opening, as specified in the BDS, pursuant to ITB 2.4.2;
 - c) In addition to the identification required in Sub- Clause (b) hereof, the inner envelope shall indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared "late" pursuant to ITB.2.4.3.
- viii) If all envelopes are not sealed and marked as required by **ITB 2.4.1** or incorrectly marked, the Procuring Agency will assume no responsibility for the misplacement or premature opening of Bid.

2.4.2 Deadline for Submission of Bids

i) Bids must be received by the Procuring Agency at the address specified under BDS no later than the time and date specified in the Bid Data Sheet. **Bids through registered courier services and by hand both are acceptable.**

ii) The Procuring Agency may, at its discretion and as per rule 29 of PPR-14, extend this deadline for the submission of Bids by amending the Bidding documents in accordance with ITB **Clause 2.2.2 & 2.2.3** in which case all rights and obligations of the Procuring Agency and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

iii) Bids shall be received by the Procuring Agency at the address specified under BDS no later than the date and time specified in the BDS.

2.4.3. Late Bids

i) Any Bid received by the Procuring Agency after the deadline for submission of Bids prescribed by the Procuring Agency pursuant to ITB Clause 2.4.2 will be rejected and returned unopened to the Bidder.

ii) The Procuring Agency shall not consider for evaluation any

Bid that arrives after the deadline for submission of Bids.

iii) Any Bid received by the Procuring Agency after the deadline for submission of Bids shall be declared late, recorded, rejected and returned unopened to the Bidder.

2.4.4. Modification and Withdrawal of Bids

i) The Bidder may modify or withdraw its Bid after the Bid's submission, provided that written notice of the modification, including substitution or withdrawal of the Bids, is received by the Procuring Agency prior to the deadline prescribed for submission of Bids.

ii) The Bidder's modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of Clause (i) A withdrawal notice may also be sent by email, but followed by a signed confirmation copy, postmarked not later than the deadline for submission of Bids.

iii) No Bid may be modified after the deadline for submission of Bids.

iv) No Bid may be withdrawn in the interval between the deadline for submission of Bids and the expiration of the period of Bid validity specified by the Bidder on the Bid Form. Withdrawal of a Bid during this interval may result in the Bidder's forfeiture of its Bid security (along with other remedies available under PPR-14), pursuant to the ITB Clause 2.3.8 (vii).

v) A Bidder may withdraw its Bid after it has been submitted, provided that written notice of the withdrawal of the Bid, is received by the Procuring Agency prior to the deadline for submission of Bids.

vi) Revised bid may be submitted after the withdrawal of the original bid before the deadline for submission of Bids.

2.5. Opening and Evaluation of Bids

2.5.1. Opening of Bids by the Procuring Agency

i) The Procuring Agency will open all Bids, in public, in the presence of Bidders' or their representatives who choose to attend, and other parties with a legitimate interest in the Bid proceedings at the place, on the date and at the time, specified in the BDS. The Bidders' representatives present shall sign a register/attendance sheet as proof of their attendance.

ii) First, envelopes marked "WITHDRAWAL" shall be opened and

read out and the envelope with the corresponding bid shall not be opened, but returned to the Bidder. No bid withdrawal shall be permitted unless the corresponding Withdrawal Notice contains a valid authorization to request the withdrawal and is read out at bid opening-

- iii) Second, outer envelopes marked "SUBSTITUTION" shall be opened. The inner envelopes containing the Substitution Bid shall be exchanged for the corresponding Original Bid being substituted, which is to be returned to the Bidder unopened. No envelope shall be substituted unless the corresponding Substitution Notice contains a valid authorization to request the substitution and is read out and recorded at bid opening.
- iv) Next, outer envelopes marked "MODIFICATION" shall be opened. No Technical Proposal and/or Financial Proposal shall be modified unless the corresponding Modification Notice contains a valid authorization to request the modification and is read out and recorded at the opening of the Bids. Any Modification shall be read out along with the Original Bid except in case of Single Stage Two Envelope Procedure where only the Technical Proposal, both Original as well as Modification, are to be opened, read out, and recorded at the opening. Financial Proposal, both Original and Modification, will remain unopened till the prescribed financial bid opening date.
- v) **In case of Single Stage Two Envelope Procedure**, the Procuring Agency will open the Technical Proposals in public at the address, date and time specified in the **BDS** in the presence of Bidders` designated representatives who choose to attend and other parties with a legitimate interest in the Bid proceedings. The Financial Proposals will remain unopened and will be held in custody of the Procuring Agency until the specified time of their opening.
- vi) The envelopes holding the Technical Proposals shall be opened one at a time, and the following read out and recorded: (a) the name of the Bidder; (b) the presence of a Bid Security, if required; and (c) Any other details as the Procuring Agency may consider appropriate.
- vii) Bidders are advised to send in a representative with the knowledge of the content of the Bid who shall verify the information read out from the submitted documents. Failure to send a representative or to point out any un-read information by the sent Bidder`s representative shall

indemnify the Procuring Agency against any claim or failure to read out the correct information contained in the Bidder's Bid.

- viii) No Bid will be rejected at the time of Bid opening except for late Bids which will be returned unopened to the Bidder, pursuant to 2.4.3 (i).
- ix) The Procuring Agency shall prepare minutes of the Bid opening. The record of the Bid opening shall include, as a minimum: the name of the Bidder and whether or not there is a withdrawal, substitution or modification, the Bid price if applicable.
- x) The Bidders' representatives who are present shall be requested to sign on the attendance sheet. The omission of a Bidder's signature on the record shall not invalidate the contents and affect the record.
- xi) Minutes of the Financial Bid Opening shall be recorded and uploaded by the procuring agency on its website or shared to all bidders through e-mail.

2.5.2. Confidentiality

- i) Information relating to the examination, clarification, evaluation and comparison of Bids and recommendation of contract award shall not be disclosed to Bidders or any other persons not officially concerned with such process until the time of the announcement of the respective evaluation report in accordance with the requirements of rule 37 of PPR-14.
- ii) Any effort by a Bidder to influence the Procuring Agency processing of Bids or award decisions may result in the rejection of its Bid.
- iii) Notwithstanding **ITB Clause 2.2.2** from the time of Bid opening to the time of contract award, if any Bidder wishes to contact the Procuring Agency on any matter related to the Bidding process, it should do so in writing or in electronic forms that provides record of the content of communication.

2.5.3. Clarification of Bids

- i) As per rule 33(2) of PPR-14, to assist in the examination, evaluation and comparison of Bids and post-qualification of the Bidders, the Procuring Agency may, at its discretion, ask any Bidder for a clarification of its Bid including breakdown of prices to determine its reasonability. **Any clarification submitted by a Bidder that is not in response to a request by**

the Procuring Agency shall not be considered.

- ii) The request for clarification and the response shall be in writing or in electronic forms that provide record of the content of communication. In case of Single Stage Two Envelope Procedure, **no change in the prices or substance of the Bid shall be sought, offered, or permitted.**
- iii) The **alteration or modification** in The Bid which in any way affect the following parameters **will be considered as a change in the substance of a bid:**
 - a) Evaluation & qualification criteria;
 - b) Required scope of work or specifications;
 - c) All securities requirements;
 - d) Tax requirements;
 - e) Terms and conditions of bidding documents.
 - f) Change in the ranking of the Bidder
- iv) From the time of Bid opening to the time of Contract award if any Bidder wishes to contact the Procuring Agency on any matter related to the Bid it should do so in writing or in electronic forms that provide record of the content of communication.

2.5.4. Preliminary Examination

- i) The Procuring Agency will examine the Bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the Bids are generally in order.
- ii) Arithmetical errors will be rectified on the following basis: -
 - a. 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 Supplier does not accept the correction of the errors, its Bid may be rejected, and its Bid security may be forfeited.
 - b. If there is a discrepancy between words and figures, the amount in words will prevail.
- iii) Prior to the detailed evaluation, the Procuring Agency will determine the responsiveness of each Bid to the Bidding documents, pursuant to ITB Clause 2.5.5. For purposes of these Clauses, a responsive Bid is one which conforms to all the terms and conditions of the Bidding documents without

material deviations. Deviations from, or objections or reservations to critical provisions, such as those concerning Bid Security (ITB Clause 2.3.8), Applicable Law (GCC Clause 30), Taxes and Duties (GCC Clause 32) & mandatory Registrations/ Renewals will be deemed to be a material deviation. The Procuring Agency's determination of a Bid's responsiveness is to be based on the contents of the Bid itself without recourse to extrinsic evidence.

- iv) If a Bid is not responsive, it will be rejected by the Procuring Agency and may not subsequently be made responsive by the Bidder by correction of the non-conformity.
- v) Prior to the detailed evaluation of Bids, the Procuring Agency will determine whether each Bid:
 - a) Meets the eligibility criteria defined in ITB 2.1.3 and ITB 2.1.4;
 - b) Has been prepared as per the format and contents defined by the Procuring Agency in the Bidding Documents;
 - c) Has been properly signed;
 - d) Is accompanied by the required securities; and
 - e) Is responsive to the requirements of the Bidding Documents.

The Procuring Agency's determination of a Bid's responsiveness will be based on the contents of the Bid itself.

2.5.5. Examination of Terms and Conditions; Technical Evaluation

- i) The Procuring Agency shall examine the Bid to confirm that all terms and conditions specified in the **GCC** and the **SCC** have been accepted by the Bidder without any material deviation or reservation.
- ii) The Procuring Agency shall evaluate the technical aspects of the Bid submitted to confirm that all requirements specified in **Section III-Technical Specifications, Section VII – Schedule of Requirements & Evaluation Criteria as provided in BDS**, have been met without material deviation or reservation.
- iii) If after the examination of the terms and conditions and the technical evaluation, the Procuring Agency determines that the Bid is not responsive in accordance, it shall reject the Bid.

2.5.6. Correction of Errors

- i) Bids determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows: -
 - a) If there is a discrepancy between unit prices 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, unless in the opinion of the Procuring Agency there is an obvious misplacement of the decimal point in the unit price, in which the total price as quoted shall govern and the unit price shall be corrected;

- b) If there is an error in a total corresponding to the addition or subtraction of sub-totals, **the sub-totals shall prevail** and the total shall be corrected; and
- c) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.
- d) Where there is discrepancy between grand total of price schedule and amount mentioned on the Form of Bid, the amount referred in Price Schedule shall be treated as correct subject to elimination of other errors.

- ii) The amount stated in the Bid will, be adjusted by the Procuring Agency in accordance with the above procedure for the correction of errors. The concurrence of the Bidder shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount, its Bid will then be rejected, and the Bid Security may be forfeited or the Bid Securing Declaration may be executed in accordance with **ITB 2.3.8.**

2.5.7. Conversion to Single Currency

- i) As per rule 32(2) of PPR-14, to facilitate evaluation and comparison, the Procuring Agency will convert all Bid prices expressed in the amounts in various currencies in which the Bid prices as follows:

2.5.8. Post-Qualification & Evaluation of Bids

- i) The Procuring Agency will determine to its satisfaction whether the Bidder is qualified to perform the contract satisfactorily, in accordance with the evaluation criteria listed in BDS & pursuant to ITB Clause 2.1.3.
- ii) The determination will take into account the Bidder's **financial, technical, and production/ supplying capabilities.** It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Clause 2.3.6, as well as such other information required for eligibility/qualification expressed in Bid Data Sheet as the Procuring Agency deems necessary and appropriate.
- iii) The Procuring Agency will **technically evaluate** and compare the Bids which have been determined to be responsive,

pursuant to ITB Clause 2.5.5, as per Technical Specifications required.

- iv) The **financial evaluation** of a Bid will be on the basis of form of Price Schedules/ Financial Bid Form 8.10 to be decided by the Procuring Agency which must include clear cut instruction regarding item wise or package wise evaluation inclusive of prevailing taxes, duties, fees etc.

2.5.9. Contacting the Procuring Agency

- i) Subject to ITB Clause 2.5.3, no Bidder shall contact the Procuring Agency on any matter relating to its Bid, from the time of the Bid opening to the time the evaluation report is made public i.e. 10 days before the contract is awarded. If the Bidder wishes to bring additional information or has grievance to the notice of the Procuring Agency, it should do so in writing.
- ii) Any effort by a Bidder to influence the Procuring Agency during Bid evaluation, or Bid comparison may result in the rejection of the Bidder's Bid.

2.5.10. Grievance Redressal

- i) As per Rule-67 of PPR-14, Procuring Agency shall constitute a Grievance Redressed Committee (GRC) comprising of odd number of persons with proper powers and authorization to address the complaints. The GRC shall not have any of the members of the Procurement Evaluation Committee. The Committee may preferably have one subject specialist depending upon the nature of the procurement in addition to one person with legal background as per their availability to the Procuring Agency.
- ii) Any Bidder feeling aggrieved can file its written complaint against the eligibility parameters or any other terms and conditions prescribed in the Bidding documents found contrary to provision of Rule 33, and the same shall be addressed by the Procuring Agency well before the proposal submission deadline.
- iii) Any party can file its written complaint against the eligibility parameters or any other terms and conditions prescribed in the bidding documents found contrary to provision of Rule 34 and the same shall be addressed by the Procuring Agency well before the proposal submission deadline.
- iv) Any Bidder feeling aggrieved by any act of the Procuring Agency after the submission of his Bid may lodge a written complaint concerning his grievances not later than ten days

after the announcement of the Final evaluation reports. In case of single stage - two envelope bidding procedure any bidder feeling aggrieved from technical evaluation may file a grievance within 5 days of announcement of the technical evaluation report. After completion of the technical evaluation process, the procuring agency shall immediately upload the technical evaluation report on the website of PPRA and Procuring Agency for obtaining/ receiving grievance petitions from the prospective bidders (if any).

- v) In case, the complaint/grievance is filed after the issuance of the final evaluation report, **the complainant cannot raise any objection on technical evaluation of the report.**
- vi) The **GRC shall investigate and decide upon the complaint within fifteen days of the receipt of the complaint.** Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.

2.6. Award of Contract

2.6.1. Notification of Award

- i) Prior to the expiration of the period of Bid validity, the Procuring Agency will notify the successful Bidder in writing by registered letter and by email to be confirmed in writing by registered letter, that its Bid has been accepted.
- ii) The notification of award will constitute the formation of the Contract.
- iii) Upon the successful Bidder's furnishing of the Performance Guarantee pursuant to ITB Clause 2.6.2 (i), the Procuring Agency will promptly notify each unsuccessful Bidder and will discharge its Bid security, pursuant to ITB Clause 2.3.8 (v).

2.6.2. Performance Guarantee

- i) **Within Fifteen (15) days** of the receipt of notification of award from the Procuring Agency, the successful Bidder shall furnish the **Performance Guarantee** in accordance with the Conditions of Contract, in the Performance Guarantee Form provided in the Bidding documents, or in another form acceptable to the Procuring Agency.
- i) Failure of the successful Bidder to comply with the requirement of ITB Clause (i) above or ITB Clause 2.6.3 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid security along with other remedies available under PPR-14. After that, the Procuring Agency may decide to award the contract to the next lowest evaluated Bidder, keeping in view

the Bid validity time, or call for new Bids keeping in view the concept of value for money as defined under rule-2(ae) read with Principles of Procurement as enunciated in rule-4 of PPR-14.

2.6.3. Issuance of Purchase Order

- i) At the same time as the Procuring Agency notifies the successful Bidder that its Bid has been accepted through issuance of Purchase Order.

2.6.4. Award Criteria

- i) Subject to ITB Clause 2.6.2, under rule-55 of PPR-14, the Procuring Agency will award the contract to the successful Bidder whose Bid has been determined to be responsive and has been determined to be the lowest evaluated Bid, provided that the Bidder has been determined to be qualified to perform the contract satisfactorily.

2.6.5. Procuring Agency's Right to Vary Quantities at Time of Award

- i) The Procuring Agency reserves the right at the time of contract award / issuance of PO to increase or decrease the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions, on the analogy of rule-59 (c)(iv) of PPR-14 (not more than 15%).

2.6.6. Procuring Agency's Right to Accept or Reject All Bids

- i) As per rule 35 of PPR-14, the Procuring Agency reserves the right to accept or reject all Bids or proposals (and to annul the Bidding process) at any time prior to the acceptance of any Bid or proposal, without thereby incurring any liability towards the Bidders.
- ii) The Bidders shall be promptly informed about the rejection of the Bids, if any
- iii) The Procuring Agency shall upon request communicate to any Bidder, the grounds for its rejection of all Bids or proposals, but shall not be required to justify those grounds.

2.6.7. Re-Bidding

- i) If the Procuring Agency rejects all the Bids under rule 35, it may proceed with the process of fresh Bidding but before doing that it shall assess the reasons for rejection and may, if necessary, revise specifications, evaluation criteria or any other condition for Bidders.

2.6.8. Corrupt or Fraudulent

- i) The Procuring Agency Bidders, Suppliers, and Contractors observe the highest standard of ethics during the

Practices

procurement and execution of contracts.

“Corrupt practices” in respect of procurement process, shall be as given in S-2 (d) of PPRA, Act, 2009,:

ii) Blacklisting & Debarment:

Blacklisted Consultants and those found involved in “Corrupt Practices” are not allowed to participate in bidding.

Requirements & Procedure for Blacklisting & Debarment will be

As per as per S-17A of PPRA, Act, 2009 and *rule 21 and sub-rule (6) of rule 21 of PPR-14*

Section-III. Technical Specifications

3.1. Technical Specifications

TENDER DOCUMENT

Sr. #	Procurement Name	Procurement Description with quantity and Description	Procurement Category
LIST OF REQUIREMENTS OF LAB EQUIPMENTS, LAB CHEMICALS, CHEMICALS KITS, LAB GLASSWARE, APPARATUS, FOT THE FINANCIAL YEAR 2023-24.			
1.	Pilocarpine	Eye drops 10	Sigma/ Merck or Equivalent
2.	Adrenaline	Injections 200	Sigma/ Merck or Equivalent
3.	Atropine	Injections 200	Sigma/ Merck or Equivalent
4.	Acetylcholine	Sigma/ Merck or Equivalent 1	Sigma/ Merck or Equivalent
5.	Picrotoxin	Sigma/ Merck or Equivalent	Sigma/ Merck or Equivalent
6.	Homatropine	eye drops = 10	Sigma/ Merck or Equivalent
7.	Phenobarbital	injection = 20	Sigma/ Merck or Equivalent

8.	Diazepam	injection = 20	Sigma/ Merck or Equivalent
9.	Ketamine	injection = 20	Sigma/ Merck or Equivalent
10.	Normal Saline (20 ml)	500	Sigma/ Merck or Equivalent
11.	Syringe filters (0.45 micron)	50	Sigma/ Merck or Equivalent
12.	EDTA	500 grams	Sigma/ Merck or Equivalent
13.	Tris base	01 kg	Sigma/ Merck or Equivalent
14.	TAE buffer =	05 Liter	Sigma/ Merck or Equivalent
15.	Aluminum foil	20 packs	Sigma/ Merck or Equivalent
16.	Autoclave bags	100	Sigma/ Merck or Equivalent
17.	Palmitic acid	1kg Sigma or Equivalent	Sigma/ Merck or Equivalent
18.	Heptane	Sigma/ Merck or Equivalent 1 liter	Sigma/ Merck or Equivalent
19.	Nicotinamide adenine dinucleotide (reduced form)	Sigma/ Merck or Equivalent 1 gm	Sigma/ Merck or Equivalent
20.	Lithium chloride	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent
21.	Potassium dihydrogen phosphate	Sigma/ Merck or Equivalent 1kg	Sigma/ Merck or Equivalent
22.	Dipotassium hydrogen phosphate	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent
23.	Potassium hydroxide	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent
27.	Sodium benzoate (Sigma- Aldrich, USA)	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent
28.	Sodium carbonate (Sigma- Aldrich, USA)	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent
29.	Sodium hydroxide (Merck, Germany)	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent
30.	Sodium nitrite (Sigma- Aldrich, USA)	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent
31.	Sodium potassium tartarate	Sigma/ Merck	Sigma/ Merck or

		or Equivalent 1 kg	Equivalent
32.	Butylated hydroxy toluene	Sigma/ Merck or Equivalent 100mg	Sigma/ Merck or Equivalent
33.	Caffeic acid	Sigma/ Merck or Equivalent 100mg	Sigma/ Merck or Equivalent
34.	Ceric sulphate	Sigma/ Merck or Equivalent 50mg	Sigma/ Merck or Equivalent
35.	Dimethyl sulfoxide	Sigma/ Merck or Equivalent 500ml	Sigma/ Merck or Equivalent
36.	Vacutainers with sodium fluoride	Sigma/ Merck or Equivalent 1 pack	Sigma/ Merck or Equivalent
37.	Kainic acid	Sigma/ Merck or Equivalent 100 mg	Sigma/ Merck or Equivalent
38.	Phenobarbitone	Sigma/ Merck or Equivalent 500mg	Sigma/ Merck or Equivalent
39.	Pentylentetrazol	Sigma/ Merck or Equivalent 500mg	Sigma/ Merck or Equivalent
40.	Strychnine	Sigma/ Merck or Equivalent 50mg	Sigma/ Merck or Equivalent
41.	N-methyl-D-aspartate	Sigma/ Merck or Equivalent 100mg	Sigma/ Merck or Equivalent
46.	Purple and yellow cap vacutainers	5000 each	
47.	Surgical gloves large size	50 boxes	
48.	Syringes (03 ml)	2000	
49.	Syringes (01 ml with removable needle)	1000	
50.	Syringes (05 ml)	1000	
51.	Syringes (10 ml)	1000	
52.	Scalpel	20	
53.	Scalpel blades	10 packs	
56.	Falcon tubes (15 ml)	5000	
57.	Falcon tubes (50 ml)	5000	
58.	Absolute ethanol	10 L	
59.	Measuring cylinders	(50 mL, 100 mL, 1000 mL and 2000 mL) = 02 each	

60.	Agarose	200 g	
64.	Chloroform	40 L	
65.	Xylazine injections (20 ml)	20	
67.	Isopropanol	10 L	
68.	Formalin	25 L	
69.	Methanol	100 L	
70.	Ethanol	100 L	
71.	Eppendorf tube (1.5 mL)	15000	
72.	Micropipette white, yellow tips	20000 each	
73.	Micropipette blue tips	5000	
74.	Tip boxes (Yellow, white, blue)	50 each	
75.	Plastic Urine containers (100 ml)	500	
77.	Carrageenan		
78.	Castor oil	1 L / 1000 ml	
79.	DPPH		
80.	Piroxicam powder	100 g	
81.	Indomethacin powder	100 g	
85.	Eosin Dye	5g	
86.	Hematoxylin Dye	5g	
87.	Animal dissection table	4	Sigma/ Merck or Equivalent
88.	Formic acid	10 Liter	Sigma/ Merck or Equivalent
89.	Acetone	2 Liters	Sigma/ Merck or Equivalent
90.	Thymoquinone	05 gram	Sigma/ Merck or Equivalent
91.	Glycylglycine	100 g	Sigma/ Merck or Equivalent
92.	L-glutamate	100G	Sigma/ Merck or Equivalent
93.	perchloric acid	100 mL	Sigma/ Merck or Equivalent
94.	Capped Bottles	(50 ml, 100 ml, 500 ml, 1000 ml) 10 each	Sigma/ Merck or Equivalent

Equipment Requirement for the Pharmaceutics Department For (70) Regular Students and (70) Self-Support Students

Sr. #	Equipment	Required Qty.	Specification
1.	UV-Visible Spectrophotometer Double Beam	01	<p>Designed to meet high requirement for precision measurement in the research and production of organic chemistry, biochemistry, medical testing, food testing, environmental protection, water testing industries, etc. The latest ARM system and long optical system ensure high accuracy and good stability of the instrument. They are the best choice of high quality spectrophotometer.</p> <p>Features:</p> <ol style="list-style-type: none"> 1. 7 inches color screen and windows Graphic interface make the instrument easy to operate. 2. Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA/Protein test, Multi-wavelength test, etc. 3. In-house massive memory is capable of saving up to 1024M for test data & working curves. 4. The USB port can be used for data transfer, which is easily exported to EXcel for further processing. 5. Large sample chamber allows cuvettes of various specifications 6. Auto 8- Cell holder is optional 7. Plug type deuterium and tungsten lamp can make lamps switching without optics debugging <p>Specifications:</p> <p>optical System Double Beam, Grating 1200 lines/mm- Wavelength Range nm -1100nm Spectral Bandwidth-2nm-Wavelength Accuracy-0.3nm Wavelength Repeatability <=0.1nm Photometric Accuracy ±0.3% T(0~100% T) Photometric Repeatability 0.1% T(0~100% T) Photometric Range 0-200% T; -3~3A Stray Light-<=0.03%T Power supply AC 100 to 240V, 50/60 HZ, Weight about 18KG</p>
2.	Tablet dissolution apparatus	01	Type II USP- Germany/ china/ Korea/ UK/ Local-
3.	Tablet disintegration apparatus	01	BP specification Germany/ china/ Korea/ UK/ Local-
4.	Friability	02	USP SPECIFICATION

	apparatus		Germany/ china/ Korea/ UK/ Local-
5.	Hydraulic press with 1cm dye.	1	USP Specification Germany/ china/ Korea/ UK/ Local-
6.	6 place Franz diffusion cell	1	USP Specification Germany/ china/ Korea/ UK/ Local-

Pharmaceutical Chemistry and Pharmacognosy

Sr. #	Name of items	Specification	Q
1.	Incubator	Temperature range ambient + 10*c to 60*c Temperature accuracy + 0.2 C @ 37*C Temperature controller. Dual display PID controller . Display SV and PV . Auto tuning Feature Temperature Sensor PT100 Inner Chamber SS 304 External Cabinet Power Coated GI Sheet Insulation Glass wool Door . insulated door Mechanical latch/ clamp Glass window Heaters Resistance wire Heaters Shelves SS wire mesh (removable) Air circulation Motorized Blower/ Axial Fan Standard Fitting . Mains on / off Switch . load indicator . Fan on / off switch Power supply 220 Volts 50 HZ Optional . GMP construction Inner and outer SS 304 PLC+ HMi controller W/ USB interface . 21 CFR Part 11 software . Data logger w/ USB interface . Thermal Printer . Inner Chamber LED light.	1
2.	Electric Distillation Assembly	Main Body Mild Steel Glass Borosilicate Heater material Ceramic with Sprial element Heater Tube Quarts/ Silica Glass Single Distillation Unit Output 1.5 Litre/ Hr, 3.5 Litr/Hr Electric Supply 220/223v,ac, 50/60hz Finish Powder coated.	2
3.	De-ionizor	Output 30 litersa/ hour Flow rate, up to 2 liters/ Minute (with Pressure Tank) Pure water outlet 2 reverse osmosis water, deionized water Deionized water quality resistivity: 16 to 18.2 MQ cm Bacteria N/A Particle (>0.1 um): N/A Ro water Quality Ion Rejection Rate: 97% to 99% (new Ro membrane)	2

		<p>Organic rejection rate: > 99 % when MW> 200 Dalton Particles and bacteria rejection rate > 99% Feed water requirements Tap water, temperature 5 to 45°C Pressure 1.0 to 4.0 KGF/ cm² Dimension 410x 220x 420 mm,, power consumption 72 W</p>	
4.	Digital Polarimeter	<p>Principle I polarimeter with symmetric angular oscillation using the optical-ibalance method Light Source tungsten halogen Lamp (WI) Sodium Lamp (NA), Mercury Lamp (Hg) up to two light sources can be installed) Modulator Faraday Cell Wavelength 253, 280,296,313,302,325,334,365,405,436,546,578,589,633,880 nm Aperture 1.8, 3 and 8 mm diameters Angular Range $\pm 90^\circ$ Response Speed 6*/sec Measurement Accuracy$\pm 0.2\%$ (larger than 1*) Repeatability $\pm 0.2\%$ (larger than1*)</p> <p>0.002*,, resolution 0.0001*,, intergration time 1-100 sec Detector photomultiplier tube (1 P28-01) (R928-option) Readout modes Optical rotation , optical specific rotation, concentration, suger Scale Z, Brix Purity, Optical Purity Temperature Measurement Range 0~40* C (Minimum Display Temperature: 0.1*C) Dimensions 653 (W) x 249(D)x 364 (H) mm Weight approx.30KG Power requirement AC100~ 240V $\pm 10\%$, 50 or 60 hz, 80-300 W</p>	2
5.	Refractrometer	<p>Application laboratory, Minimum Scale Brix 0.2% Parts Thermometer for HSR-500; RE- 2340-91 H Thermometer +1.6 to -1.0 temerature compensation Scale, Size 4x4x20 cm ,, Weight 600g Cat .No. 2340,,, Scale Range Brix 0.0 to 90.0%</p>	1
6.	Digital Microscope	Nikon/ Olympus Or equivalent	1

REQUISITION OF CONSUMEABLES FOR NRPU PROJECT NO. 16319

Sr. #	Name of items	Qty.
1	5-HT (5-hydroxytryptamine) kits (Ideal Medical Technology/BT Lab or Equivalent)	3
2	5-HIAA (5- hydroxyindoleacetic acid) kits (Ideal Medical Technology/BT Lab or Equivalent)	3
3	IL-6(Interleukin 6) kits (Ideal Medical Technology/BT Lab or Equivalent)	3
4	COX -2 kit (Ideal Medical Technology/BT Lab or Equivalent)	3
5	TNFalpha kit (Ideal Medical Technology/BT Lab or Equivalent)	3
6	SOD (superoxidase dismutase) kit (Ideal Medical Technology/BT Lab or Equivalent)	3
7	Catalase kit (Ideal Medical Technology/BT Lab or Equivalent)	3
8	GSH-PX (Glutathione peroxidase kit) (Ideal Medical Technology/BT Lab or Equivalent)	3
9	GSH-ST(Glutathione S-transferase) (Ideal Medical Technology/BT Lab or Equivalent)	3
10	Gluc malondialdehyde (MDA) kit (Ideal Medical Technology/BT Lab or Equivalent)	3
11	Hydroxy radical kit (Ideal Medical Technology/BT Lab or Equivalent)	3
12	Total anti oxidative capability kit (Ideal Medical Technology/BT Lab or Equivalent)	3
13	AMES assay kit (Ideal Medical Technology/BT Lab or Equivalent)	2
14	COMET assay kit (Ideal Medical Technology/BT Lab or Equivalent)	2
15	MTT assay kit (Ideal Medical Technology/BT Lab or Equivalent)	2
16	IL-10 (Ideal Medical Technology/BT Lab or Equivalent)	3
17	IL-1B (Ideal Medical Technology/BT Lab or Equivalent)	3

Items Required for the Department of Physical Therapy Purchase of Plant and Machinery and IT Equipment. Equipment's list for Physical Therapy Department with specifications For tender 2023-24 from DPT Self Support

	Plant and Machinery/ Machinery and equipment	Specification	Qty.
01	Combination Therapy	Ultrasound & Electro combo Microcontrolled based Combination Therapy 125 Program +US+MS)+ IFT combo	01
02	Ultrasound	Oceanus Therapeutic ultrasound 1& 3 MHz ultrasound frequency pulsed & continuous modes	01
03	Interferential current	Interferential stimulator (IF-908)Channel: Dual, Isolated between channels 4 poles Carrier frequency: 4000 HZ, Fixed CH1)	01
04	Stimulator	Electro Pulse Stimulator, Fully motorized low frequency therapeutic instrument, Fradic Galvanic, Russain, didynamic with pointer electrode	01
05	Laser with probe	Cold Laser Therapy unit 10-200 mwatt, pencil probe+ cluster probe	01
06	Traction unit	Cervical+ Lumber Static, Intermittent 90kg capacity with slideable traction couch for height adjustment	01
07	Short wave diathermy	CDB-1 Maximum output power:200w working frequency: 40.68 MHZ Main voltage 220 V, 50 HZ Consumption power: 700w volume: 490*330* 240mm	01
08	Microwave diathermy	Power voltage: 230V 50/60/ Hz absorbed power: 900W	01
09	Tilt table	Electrical tilt table	01
10	Compression therapy	Air Compression therapy for both upper & lower limb 4 chamber F03001(manual) Range of press: 20-250 mm Hg Treating time 10-30 mins power consumption: 30 watt	01
11	AC Inverter Compatible with Solar System	1.5 Ton Kenwood/samsang/Gree/Haier/PEL or Equivalent	01

12	Laptop corei7 Wifi. Dell 15-bs-585tx or Equivalent Dell 15-bs-585tx Core i7 /7th Generation Laptop 16GB DDR4 1TB HDD/SSGD/Intel Core i7-7500U.Graphic Memory/4GB. types Graphics Memory DDR3/Graphics Processor Intel/Radeon 530 Graphics/Diagonal HD SVA Screen/Bright View WLED-Backlit/ Battery /41 Wh		01
13	LED Samsung / Haier/Sony or Equivalent With Wifi/ USB Port Compatible with Microscope	40 inch	01
14	Fetus embryo with all stages	Imported	02
15	Fitness Rubber Expander	Imported Germany or Equivalent	05
16	Brain Model 08 Parts	Italy or Equivalents	02
17	Human Muscular Model	Local/ Imported	03

Section-IV: Bid Data Sheet

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

A. Introduction		
BDS Clause Number	ITB Number	Amendments of, and Supplements to, Clauses in the Instruction to Bidders
1.	2.1.1	Name of Procuring Agency: Lahore College for Women University, Lahore. subject of procurement is: <u>TENDER DOCUMENT FOR THE PURCHASE OF PLANT & MACHINERY AND IT EQUIPMENT FOR DPT (DEPARTMENT OF PHYSICAL THERAPY), CHEMICALS/CONSUMABLES FOR NRPU PROJECT AND ALLIED HEALTH SCIENCES, LAB EQUIPMENT/CHEMICALS KITS/LAB, GLASSWARE'S/ APPARATUS FOR PHARMACEUTICALS AND ALLIED HEALTH SCIENCES F.Y 2023-2024</u> Period for delivery of goods: 30 days Commencement date for delivery of Goods: After Issuance of Letter of Acceptance (Award Letter/Purchase Order/Work Order)
2.	2.1.2	Financial year for the operations of the Procuring Agency:

		2023-2024 Name of Project/ Grant (Development or Non-Development): Non-Development Name of financing institution: Own Sources of Lahore College for Women University, Lahore
3.		Ineligible country(s) : NA
4.	2.3.6(iii)	Demonstration of authorization by manufacturer: Not Required
B. Bidding Documents		
5.	2.2.2	The address for clarification of Bidding Documents: Convener Purchase Committee, Lahore College for Women University, Lahore
6.	2.2.2	Pre-bid meeting will not be held
C. Bid Price, Currency, Language and Country of Origin		
8	2.3.1	<i>Language: English</i>
10	2.3.4	The price quoted shall be Inclusive of all applicable Taxes
11.	2.3.4	The price shall be fixed
12.	2.1.4 (ii)	Country of origin:
D. Preparation and Submission of Bids		
13.	2.1.3	<p>Qualification Criteria/Knock down criteria</p> <p>i. Minimum relevant experience of Two Years required for bidder,</p> <p>ii. At least Two relevant Supply Orders received in the past</p> <p>iii. Registration with relevant tax authority i.e. FBR/PRA etc. as active tax payer (Sales Tax and Income Tax).</p> <p>iv. Minimum average turnover for last TWO years = 2 Million (Account Statement for last Two Years/FBR Statement/Return)</p> <p>v. Conformance of the required specification (Quality)</p> <p>vi. Affidavit to the effect that:-</p> <ul style="list-style-type: none"> • Bidder is neither currently blacklisted from any government department nor is any litigation pending in this regard. • The documents/photocopies provided with Bid are authentic. In case of any fake/bogus document found at any stage, the Bidder shall be blacklisted as per Law/ Rules.

		<ul style="list-style-type: none"> The provided information is correct.
14.	2.3.6&2.3.7	Spare parts required for of operation. (N/A)
15.	2.2.2	<p>Bid shall be submitted to:</p> <p>Diary Dispatch Section, Lahore College for Women University, Lahore</p> <p>Street address: Jail Road Near WAPDA Flats, Lahore</p> <p>Building/Plot No. Bushra Mateen Building</p> <p>Floor/Room No.: Room No. S16 2nd Ground Floor</p> <p>City/Town: Jail Road, Lahore</p>
16.	2.4.2	<p>The deadline for Bid submission is</p> <p>a) Day : Thursday</p> <p>b) Date: 28-03-2024 Time: 12:00 PM</p>
17.	2.5.1	<p>date/ Month/ Year/Time, and place for Bid opening.</p> <p>28-03-2024 Time: 12:30 PM</p> <p>At the Office of The Convener Purchase Committee, Lahore College for Women University, Jail Road, Lahore</p>
18.	2.6.2	Amount of Performance Guarantee is: 10%
19.	2.3.8	<p>Estimated Contract Price: Rs. 10,666,400/-</p> <p>Amount of Bid security is @4% of the Estimated Cost</p> <p>Rs. 426,656/-</p>
20.	2.3.9	Bid validity period after opening of the Bid is: 90 days.
21.	2.3.9	Number of copies of the Bid to be provided is: Only One.
E. Opening and Evaluation of Bids		
22.	2.5.1	<p>The Bid opening shall take place at: Lahore College for Women University, Jail Road, Lahore</p> <p>Building/Plot No.: Bushra Mateen Building</p> <p>Floor/Room No:</p> <p>City/Town: Lahore</p> <p>28-03-2024 Time: 12:30 PM</p> <p>At the Office of Convener Purchase Committee</p>

23.	2.3.5	The currency that shall be used for Bid evaluation and comparison purposes to convert all Bid prices expressed in various currencies is: PKR	
24.	2.5.8	F. Bid Evaluation Criteria Only the Bids securing minimum 60% marks would be declared technically accepted and Evaluation Criteria is given below:	
Sr. No.	Description	Allocated Marks	Total Marks
1	Company Profile, Experience & International Certifications if any.		
i.	Company Profile Years of operations (From Registration date of NTN / FBR) <ul style="list-style-type: none"> • One (1) mark for one (1) year experience will be awarded. • Maximum marks will be awarded, if the firm has 10 years or more experience. 	05	
ii.	Relevant Experience Similar assignments / supplies over last 02 years. 1 similar project= 5 marks 2 similar projects= 10 marks Purchase orders / supply orders / completion certificates must be attached; otherwise, no marks shall be awarded.	10	
iii.	Value of Projects Capital Cost of similar projects / Supplies completed over last 02 years If the total value of completed project is equal to or more than the value of current project: For one project = 05 marks will be awarded For two projects = 10 marks will be awarded Purchase orders / supply orders / completion certificates must be attached, otherwise, no marks shall be awarded.	10	
2	Financial Position		
i.	Annual Turnover (last 2years) If the total annual turnover indicated in audit report/tax return of last three years is equal or above PKR: 03 million or above then maximum allocated marks will be awarded. If total turnover during last three years is upto PKR 3 Million or above = 10 marks If total turnover during last three years is upto PKR 2	10	

	<i>Million or above= 5 marks</i> Audit statement / Income Tax Return of last two financial years must be attached; otherwise, no marks shall be awarded.		
ii.	Bank Balance / Credit Limit If bank balance / credit limit up-to 27-02-2024 is equal to or more than estimate of current purchase, full marks may be awarded. Otherwise, the marks may be awarded as: $\frac{\text{Closing Balance or Credit Limit}}{\text{Estimate of Current Purchase}} \times 15$	05	
		Total	40
	Minimum Marks Required for Qualification		24
Only the Bids securing minimum 60% marks would be declared technically accepted.			

G. Award of Contract

2.6.5	Percentage for quantity increase or decrease is: 15%
2.6.2	The Performance Guarantee shall be: 10%

Section-V: General Conditions of Contract

1. Definitions

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

- (a) "The Contract" means the agreement entered into between **Lahore College for Women University, Lahore** and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- (b) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- (c) "The Goods" means all of the equipment, machinery, and/or other materials which the Supplier is required to supply to the Procuring Agency under the Contract.

- (d) "The Services" means those services ancillary and related to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, maintenance & repair and other such obligations of the Supplier covered under the Contract.
- (e) "GCC" means the General Conditions of Contract contained in this section.
- (f) "SCC" means the Special Conditions of Contract.
- (g) "The Procuring Agency" means **Lahore College for Women University, Lahore**
- (h) "The Procuring Agency's country" is Pakistan
- (i) "The Supplier" means the Bidder or firm supplying the Goods and Services under this Contract.
- (j) "The Project Site," where applicable, means the place or places named in SCC.
- (k) "Day" means calendar day.

2. Application

2.1. These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.

3. Country of Origin

3.1. All Goods and Services supplied under the Contract shall have their origin in the countries and territories eligible under the rules.

[where applicable]

4. Standards

4.1. The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods' country of origin. Such standards shall be the latest issued by the concerned institution.

5. Use of Contract Documents and Information; Inspection and Audit by the procuring agency.

5.1. The Supplier shall not, without the Procuring Agency's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring Agency in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.

5.2. The Supplier shall not, without the Procuring Agency's prior written consent, make use of any document or information enumerated in GCC Clause 5.1 except for purposes of executing the Contract.

5.3. Any document, other than the Contract itself, enumerated in GCC Clause 5.1 shall remain the property of the Procuring Agency and shall be returned (all copies) to the Procuring Agency on completion of the Supplier's performance under the Contract if so required by the Procuring Agency.

5.4. The Supplier shall permit the Procuring Agency to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the donors, if so required by the donors.

6. Patent Rights

6.1. The Supplier shall indemnify the Procuring Agency against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the Procuring Agency's country.

7. Performance Guarantee

7.1. PG may be held from the payment / bill / invoice amount of the vendor.

7.2. The proceeds of the Performance Guarantee shall be payable to the Procuring Agency as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

7.3. As per Rule-56 of PPR-14, the performance guarantee shall be denominated in the currency of the Contract acceptable to the Procuring Agency and shall be in one of the following forms:

- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the Procuring Agency's country, in the form provided in the Bidding documents or another form acceptable to the Procuring Agency; or
- (b) a Bank Guarantee, Bank call-deposit (CDR), Demand Draft (DD), Pay Order (PO) or Banker's cheque cashier's or certified cheque or CDR.

7.4. The performance guarantee will be discharged by the Procuring Agency and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in SCC.

8. Inspections and

8.1. The Procuring Agency or its representative shall have the right to

Tests

inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring Agency. SCC and the Technical Specifications shall specify what inspections and tests the Procuring Agency requires and where they are to be conducted. The Procuring Agency shall notify the Supplier in writing, in a timely manner, of the identity of any representatives nominated for these purposes.

8.2. The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s) (if so allowed by the Procuring Agency), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring Agency.

8.3. Should any inspected or tested Goods fail to conform to the Specifications, the Procuring Agency may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Procuring Agency.

8.4. The Procuring Agency's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival in the Procuring Agency's country Site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Procuring Agency or its representative prior to the Goods' shipment from the country of origin the site of the Supplier.

8.5. Nothing in GCC Clause 8 shall in any way release the Supplier from any warranty or other obligations under this Contract.

9. Packing

9.1. The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

9.2. The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the Procuring Agency.

- 10. Delivery and Documents**
- 10.1. Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are specified in SCC.
- 10.2. Upon delivery, the Procuring Agency shall give receiving certificate to the supplier with the statement that, “completion certificate along with satisfactory report shall be issued after due inspection as per clause-8 of GCC, which will enable the supplier to put up the bill”.
- 10.3. Documents to be submitted by the Supplier are specified in SCC.
- 11. Insurance**
- Not Required
- [If required and decided by the Procuring Agency]*
- 12. Transportation**
- 12.1. The Supplier is required under the Contract to transport the Goods to a specified place of destination within the Procuring Agency’s country, insurance and storage, as shall be specified in the Contract, and related costs shall be included in the Contract Price.
- 13. Incidental Services**
- Not Required
- [If required and decided by the Procuring Agency]*
- 14. Spare Parts**
- 14.1. The Supplier will make sure that the spare parts of the quoted Model/Brand are available in the market for at least 5 years.
- 15. Warranty**
- 15.1. The Supplier warrants that the Goods supplied under the Contract **are new, unused, of the most recent or current models selected by the Procuring Agency**, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Procuring Agency’s specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.

15.2. **This warranty of Articles/material are One year as per tender term and condition** after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract.

15.3. The Procuring Agency shall promptly notify the Supplier in writing of any claims arising under this warranty.

15.4. Upon receipt of such notice, the Supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the Procuring Agency.

15.5. If the Supplier, having been notified, fails to rectify the defect(s) within the period specified in SCC, within a reasonable period, the Procuring Agency may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring Agency may have against the Supplier under the Contract/relevant provision of PPR-14 including Blacklisting.

16. Payment

16.1. The method and conditions of payment to be made to the Supplier under this Contract shall be specified in SCC.

16.2. The Supplier's request(s) for payment shall be made to the Procuring Agency in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by documents submitted pursuant to GCC Clause 10, and upon fulfillment of other obligations stipulated in the Contract.

16.3. As per rule-62 of PPR-14, payments shall be made promptly by the Procuring Agency, but in no case later than thirty (30) days after submission of an invoice or claim by the Supplier, provided the work is satisfactory.

16.4. The currency of payment is PKR

17. Prices

17.1. Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Bid, with the exception of any price adjustments authorized in SCC.

Hand written rates/prices are NOT ACCEPTABLE.

18. Change Orders

18.1. The Procuring Agency may at any time, by a written order given to the Supplier pursuant to GCC Clause 31, make changes within the general scope of the Contract, only if required for the successful completion of the job, in any one or more of the following:

- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Procuring Agency;
- (b) the method of shipment or packing;
- (c) the place of delivery; and/or
- (d) the Services to be provided by the Supplier.

18.2. If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Procuring Agency's change order. But, in no case, the overall impact of the change should exceed 15% of the contract cost and no provisions of PPR-14 should be violated.

19. Contract Amendments

19.1. Subject to GCC Clause 18, no variation in or modification of the terms of the Contract shall be made except by the mutual consent through written amendment signed by the parties. No variation in finalized brands/ makes/models shall be allowed except in special conditions where the manufacturer has stopped producing or suspended that model or the latest model of similar series or version has been launched by the manufacturer or non-availability due to international mergers of the manufacturers or similar unavoidable constraints.

20. Assignment

20.1. The Supplier shall not assign the whole of contract to anybody else. However, some parts of contract or its obligations may be assigned to sub-contractors with the prior written approval of the procuring agency.

21. Sub-contracts

21.1. The Supplier shall notify the Procuring Agency in the Bid of all subcontracts to be assigned under this Contract. Such notification, in the original Bid or later, shall not relieve the Supplier from any liability or obligation under the Contract.

21.2. Subcontracts must comply with the provisions of GCC Clause 20.

22. Delays in the Supplier's Performance

22.1. Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Agency in the Schedule of Requirements-

22.2. If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely

delivery of the Goods and performance of Services, the Supplier shall promptly notify the Procuring Agency in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Procuring Agency shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.

22.3. Except as provided under GCC Clause 25, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 23, unless an extension of time is agreed upon pursuant to GCC Clause 22.2 without the imposition of liquidated damages.

23. Liquidated Damages

23.1. Subject to GCC Clause 25, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring Agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in SCC. Once the maximum is reached, the Procuring Agency may consider termination of the Contract pursuant to GCC Clause 24 along with other remedies available under PPR-14.

24. Termination for Default

24.1. The Procuring Agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part:

- (a) if the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency pursuant to GCC Clause 22;
- (b) if the Supplier fails to perform any other obligation(s) under the Contract; or
- (c) if the Supplier, in the judgment of the Procuring Agency has engaged in corrupt practices in competing for or in executing the Contract. For the purpose of this clause, corrupt practices will be defined as per Section-2 (d) of The PPRA Act, 2009.

24.2. In the event the Procuring Agency terminates the Contract in whole or in part, pursuant to GCC Clause 24.1, the Procuring Agency may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be

liable to the Procuring Agency for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

25. Force Majeure

25.1. Notwithstanding the provisions of GCC Clauses 22, 23, and 24, the Supplier shall not be liable for forfeiture of its Performance Guarantee, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

25.2. For purposes of this clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes. Both, the Procuring Agency and the Supplier, may agree to exclude certain widespread conditions e.g: epidemics, pandemics, quarantine restrictions etc from the purview of "Force Majeure".

25.3. If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Agency in writing of such condition and the cause thereof. 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 all reasonable alternative means for performance not prevented by the Force Majeure event. Any difference of opinion concerning "Force Majeure" may be decided through means given herein below.

26. Termination for Insolvency

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

27. Termination for Convenience

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

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

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

28. Resolution of Disputes 28.1. After signing the contract or issuance of purchase order, The Procuring Agency and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

28.2. If, after thirty (30) days from the commencement of such informal negotiations, the Procuring Agency and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms specified in SCC. These mechanisms may include, but are not restricted to, conciliation mediated by a third party, adjudication in an agreed and/or arbitration as per rule 68 of PPR-14 and in accordance with Arbitration Act-1940.

29. Governing Language 29.1. The Contract shall be written in the language specified in SCC. Subject to GCC Clause 30, the version of the Contract written in the specified language shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.

30. Applicable Law 30.1. The Contract shall be interpreted in accordance with the laws of Punjab (Pakistan) unless otherwise specified in SCC.

31. Notices 31.1. Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or by any information technology mean for the time being in use and acceptable in ordinary course of business to the other party's address specified in SCC.

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

32. Taxes and Duties 32.1. Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods & Services to the Procuring Agency. In case of imposition of new taxes/duties or concession thereof after the deadlines for the submission of bids the effect thereof shall be borne or availed by the procuring agency as the case may be.

Section-VI. Special Conditions of Contract

Special Conditions of Contract

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

1. Definitions (GCC Clause 1)

GCC 1.1 (g)—The Procuring Agency is: Lahore College for Women University, Lahore
Supplier is :

2. Country of Origin (GCC Clause 3)

3. Performance Guarantee (GCC Clause 7)

GCC 7.1—As per rule 56 of PPR-14, the amount of Performance Guarantee, as a percentage of the Contract Price, shall be: **10%**

GCC 7.4—the Performance Guarantee shall be retained for to cover the Supplier's warranty obligations or defect liability period in accordance with Clause GCC 15.2 after delivery and installation of items.

4. Inspections and Tests (GCC Clause 8)

Inspection will be conducted after the delivery of items at LCWU Lahore

5. Packing (GCC Clause 9)

GCC 9.2— Individual Unit Packing with a list of Serial Numbers of items

6. Delivery and Documents

Delivery of items will be made in LCWU, Lahore

7. Insurance

(GCC Clause 11) Not Applicable

8. Incidental Services (GCC Clause 13)

GCC 13.1—Incidental services to be provided are: Not Required

9. Spare Parts

(GCC Clause 14) : Market availability of spare parts for at least five Years

GCC 14.1—Additional spare parts requirements are: NA

10. Warranty

(GCC Clause 15): As per tender term and condition (One year)

11. Sample provision

Yes (Must attached with technical bid)

GCC 15.4 & 15.5—The period for correction of defects in the warranty period is as per mentioned in specific column

12. Payment (GCC Clause 16)

GCC 16.1—The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:

Payment for Goods supplied:

Payment may be made in Pak. Rupees in the following manner:

Lump sum modality.

13. Prices (GCC Clause 17)

GCC 17.1—Prices shall be fixed inclusive of all applicable taxes and shall not be adjusted.

14. Liquidated Damages (GCC Clause 23)

GCC 23.1—Applicable rate: **Maximum 10 Percent**

Maximum deduction: Applicable rate shall be **PKR 500 PER DAY**, and the maximum shall not exceed ten (10) percent of the Contract Price after that Procuring Agency may proceed for the termination of contract along-with other remedies available under PPR-14.]

15. Resolution of Disputes (GCC Clause 28)

GCC 28.2—The dispute resolution mechanism to be applied pursuant to GCC Clause 28.2 shall be as follows:

As per rule-68 of PPR-14, in the case of a dispute between the Procuring Agency and the Supplier, the dispute shall be referred for arbitration in accordance with the Arbitration Act 1940.

16. Governing Language (GCC Clause 29)

GCC 29.1—The Governing Language shall be: English

17. Applicable Law (GCC Clause 30)

GCC 30.1-The Contract shall be interpreted in accordance with the laws applicable in the jurisdiction of the province of Punjab (Pakistan):

18. Notices (GCC Clause 31)

GCC 31.1—Procuring Agency’s address for notice purposes: Convener Purchase Committee Lahore College for Women University, Jail Road, Lahore

—Supplier’s address for notice purposes:

Section-VII. Schedule of Requirements

7.1 Schedule of Requirements

TENDER DOCUMENT

Sr. #	Procurement Name	Procurement Description with quantity and Description	Procurement Category	Sample Required
LIST OF REQUIREMENTS OF LAB EQUIPMENTS, LAB CHEMICALS, CHEMICALS KITS, LAB GLASSWARE, APPARATUS, FOT THE FINANCIAL YEAR 2023-24.				
1 .	Pilocarpine	Eye drops 10	Sigma/ Merck or Equivalent	N/R
2 .	Adrenaline	Injections 200	Sigma/ Merck or Equivalent	N/R
3 .	Atropine	Injections 200	Sigma/ Merck or Equivalent	N/R
4 .	Acetylcholine	Sigma/ Merck or Equivalent 1	Sigma/ Merck or Equivalent	N/R

5.	Picrotoxin	Sigma/ Merck or Equivalent	Sigma/ Merck or Equivalent	N/R
6.	Homatropine	eye drops = 10	Sigma/ Merck or Equivalent	N/R
7.	Phenobarbital	injection = 20	Sigma/ Merck or Equivalent	N/R
8.	Diazepam	injection = 20	Sigma/ Merck or Equivalent	N/R
9.	Ketamine	injection = 20	Sigma/ Merck or Equivalent	N/R
10.	Normal Saline (20 ml)	500	Sigma/ Merck or Equivalent	N/R
11.	Syringe filters (0.45 micron)	50	Sigma/ Merck or Equivalent	N/R
12.	EDTA	500 grams	Sigma/ Merck or Equivalent	N/R
13.	Tris base	01 kg	Sigma/ Merck or Equivalent	N/R
14.	TAE buffer =	05 Liter	Sigma/ Merck or Equivalent	N/R
15.	Aluminum foil	20 packs	Sigma/ Merck or Equivalent	N/R
16.	Autoclave bags	100	Sigma/ Merck or Equivalent	N/R
17.	Palmitic acid	1kg Sigma or Equivalent	Sigma/ Merck or Equivalent	N/R
18.	Heptane	Sigma/ Merck or Equivalent 1 liter	Sigma/ Merck or Equivalent	N/R
19.	Nicotinamide adenine dinucleotide (reduced form)	Sigma/ Merck or Equivalent 1 gm	Sigma/ Merck or Equivalent	N/R
20.	Lithium chloride	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent	N/R
21.	Potassium dihydrogen phosphate	Sigma/ Merck or Equivalent 1kg	Sigma/ Merck or Equivalent	N/R
22.	Dipotassium hydrogen phosphate	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent	N/R
23.	Potassium hydroxide	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent	N/R
27.	Sodium benzoate (Sigma-Aldrich, USA)	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent	N/R

28.	Sodium carbonate (Sigma-Aldrich, USA)	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent	N/R
29.	Sodium hydroxide (Merck, Germany)	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent	N/R
30.	Sodium nitrite (Sigma-Aldrich, USA)	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent	N/R
31.	Sodium potassium tartarate	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent	N/R
32.	Butylated hydroxy toluene	Sigma/ Merck or Equivalent 100mg	Sigma/ Merck or Equivalent	N/R
33.	Caffeic acid	Sigma/ Merck or Equivalent 100mg	Sigma/ Merck or Equivalent	N/R
34.	Ceric sulphate	Sigma/ Merck or Equivalent 50mg	Sigma/ Merck or Equivalent	N/R
35.	Dimethyl sulfoxide	Sigma/ Merck or Equivalent 500ml	Sigma/ Merck or Equivalent	N/R
36.	Vacutainers with sodium fluoride	Sigma/ Merck or Equivalent 1 pack	Sigma/ Merck or Equivalent	N/R
37.	Kainic acid	Sigma/ Merck or Equivalent 100 mg	Sigma/ Merck or Equivalent	N/R
38.	Phenobarbitone	Sigma/ Merck or Equivalent 500mg	Sigma/ Merck or Equivalent	N/R
39.	Pentylentetrazol	Sigma/ Merck or Equivalent 500mg	Sigma/ Merck or Equivalent	N/R
40.	Strychnine	Sigma/ Merck or Equivalent 50mg	Sigma/ Merck or Equivalent	N/R
41.	N-methyl-D-aspartate	Sigma/ Merck or Equivalent 100mg	Sigma/ Merck or Equivalent	N/R
46.	Purple and yellow cap vacutainers	5000 each		N/R
47.	Surgical gloves large size	50 boxes		N/R
48.	Syringes (03 ml)	2000		N/R
49.	Syringes (01 ml with removable needle)	1000		N/R
50.	Syringes (05 ml)	1000		N/R
51.	Syringes (10 ml)	1000		N/R

52.	Scalpel	20		N/R
53.	Scalpel blades	10 packs		N/R
56.	Falcon tubes (15 ml)	5000		N/R
57.	Falcon tubes (50 ml)	5000		N/R
58.	Absolute ethanol	10 L		N/R
59.	Measuring cylinders	(50 mL, 100 mL, 1000 mL and 2000 mL) = 02 each		N/R
60.	Agarose	200 g		N/R
64.	Chloroform	40 L		N/R
65.	Xylazine injections (20 ml)	20		N/R
67.	Isopropanol	10 L		N/R
68.	Formalin	25 L		N/R
69.	Methanol	100 L		N/R
70.	Ethanol	100 L		N/R
71.	Eppendorf tube (1.5 mL)	15000		N/R
72.	Micropipette white, yellow tips	20000 each		N/R
73.	Micropipette blue tips	5000		N/R
74.	Tip boxes (Yellow, white, blue)	50 each		N/R
75.	Plastic Urine containers (100 ml)	500		N/R
77.	Carrageenan			N/R
78.	Castor oil	1 L / 1000 ml		N/R
80.	Piroxicam powder	100 g		N/R
81.	Indomethacin powder	100 g		N/R
85.	Eosin Dye	5g		N/R
86.	Hematoxylin Dye	5g		N/R
87.	Animal dissection table	4	Sigma/ Merck or Equivalent	N/R
88.	Formic acid	10 Liter	Sigma/ Merck or Equivalent	N/R
89.	Acetone	2 Liters	Sigma/ Merck or Equivalent	N/R
90.	Thymoquinone	05 gram	Sigma/ Merck or Equivalent	N/R
91.	Glycylglycine	100 g	Sigma/ Merck or Equivalent	N/R
92.	L-glutamate	100G	Sigma/ Merck or Equivalent	N/R
93.	perchloric acid	100 mL	Sigma/ Merck or Equivalent	N/R
94.	Capped Bottles	(50 ml, 100 ml, 500 ml, 1000 ml) 10 each	Sigma/ Merck or Equivalent	N/R

Equipment Requirement for the Pharmaceutics Department For (70) Regular Students and (70) Self-Support Students				
Sr. #	Equipment	Required Qty.	Specification	Sample Required
1.	UV-Visible Spectrophotometer Double Beam	01	<p>Designed to meet high requirement for precision measurement in the research and production of organic chemistry, biochemistry, medical testing, food testing, environmental protection, water testing industries, etc. The latest ARM system and long optical system ensure high accuracy and good stability of the instrument. They are the best choice of high quality spectrophotometer.</p> <p>Features:</p> <ol style="list-style-type: none"> 1. 7 inches color screen and windows Graphic interface make the instrument easy to operate. 2. Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA/Protein test, Multi-wavelength test, etc. 3. In-house massive memory is capable of saving up to 1024M for test data & working curves. 4. The USB port can be used for data transfer, which is easily exported to EXcel for further processing. 5. Large sample chamber allows cuvettes of various specifications 6. Auto 8- Cell holder is optional 7. Plug type deuterium and tungsten lamp can make lamps switching without optics debugging <p>Specifications:</p> <p>Optical System Double Beam, Grating 1200 lines/mm- Wavelength Range nm -1100nm Spectral Bandwidth-2nm-Wavelength Accuracy-0.3nm Wavelength Repeatability <=0.1nm Photometric Accuracy ±0.3% T(0~100%T) Photometric Repeatability 0.1% T(0~100%T) Photometric Range 0-200%T; -3~3A Stray Light-<=0.03% T Power supply AC 100 to 240V, 50/60 HZ, Weight about 18KG</p>	No
2.	Tablet dissolution apparatus	01	Type II USP- Germany/ china/ Korea/ UK/ Local-	No
3.	Tablet disintegration	01	BP specification Germany/ china/ Korea/ UK/ Local-	No

	apparatus			
4.	Friability apparatus	02	USP SPECIFICATION Germany/ china/ Korea/ UK/ Local-	No
5.	Hydraulic press with 1cm dye.	1	USP Specification Germany/ china/ Korea/ UK/ Local-	No
6.	6 place Franz diffusion cell	1	USP Specification Germany/ china/ Korea/ UK/ Local-	No

Pharmaceutical Chemistry and Pharmacognosy

Sr. #	Name of items	Specification	Qty.	Sample Required
1.	Incubator	Temperature range ambient + 10*c to 60*c Temperature accuracy + 0.2 C @ 37*C Temperature controller. Dual display PID controller . Display SV and PV . Auto tuning Feature Temperature Sensor PT100 Inner Chamber SS 304 External Cabinet Power Coated GI Sheet Insulation Glass wool Door . insulated door Mechanical latch/ clamp Glass window Heaters Resistance wire Heaters Shelves SS wire mesh (removable) Air circulation Motorized Blower/ Axial Fan Standard Fitting . Mains on / off Switch . load indicator . Fan on / off switch Power supply 220 Volts 50 HZ Optional . GMP construction Inner and outer SS 304 PLC+ HMi controller W/ USB interface . 21 CFR Part 11 software . Data logger w/ USB interface . Thermal Printer . Inner Chamber LED light.	1	N/R
2.	Electric Distillation Assembly	Main Body Mild Steel Glass Borosilicate Heater material Ceramic with Sprial element Heater Tube Quarts/ Sillica Glass Single Distillation Unit Output 1.5 Litre/ Hr, 3.5 Litr/Hr Electric Supply 220/223v,ac, 50/60hz Finish Powder coated.	2	N/R
3.	De-ionizor	Output 30 litersa/ hour Flow rate, up to 2 liters/ Minute (with Pressure Tank) Pure water outlet 2 reverse osmosis water, deionized water Deionized water quality resistivity: 16 to 18.2 MQ cm Bacteria N/A	2	N/R

		Particle (>0.1 um): N/A Ro water Quality Ion Rejection Rate: 97% to 99% (new Ro membrane) Organic rejection rate: > 99 % when MW> 200 Dalton Particles and bacteria rejection rate > 99% Feed water requirements Tap water, temperature 5 to 45°C Pressure 1.0 to 4.0 KGF/ cm2 Dimension 410x 220x 420 mm,, power consumption 72 W		
4.	Digital Polarimeter	Principle I polarimeter with symmetric angular oscillation using the optical-Ibalance method Light Source tungsten halogen Lamp (WI) Sodium Lamp (NA), Mercury Lamp (Hg) up to two light sources can be installed) Modulator Faraday Cell Wavelength 253, 280,296,313,302,325,334,365,405,436,546,578,589,633,880 nm Aperture 1.8, 3 and 8 mm diameters Angular Range + 90* Response Speed 6*/sec Measurement Accuracy±0.2% (larger than 1*) Repeatability ±0.2% (larger than1*) 0.002*,, resolution 0.0001* ,, intergration time 1-100 sec Detector photomultiplier tube (1 P28-01) (R928-option) Readout modes Optical rotation , optical specific rotation, concentration, suger Scale Z, Brix Purity, Optical Purity Temperature Measurement Range 0~40* C (Minimum Display Temperature: 0.1*C) Dimensions 653 (W) x 249(D)x 364 (H) mm Weight approx.30KG Power requirement AC100~ 240V ±10%, 50 or 60 hz, 80-300 W	2	N/R
5.	Refractrometers	Application laboratory, Minimum Scale Brix 0.2% Parts Thermometer for HSR-500; RE- 2340-91 H Thermometer +1.6 to -1.0 temerature compensation Scale, Size 4x4x20 cm ,, Weight 600g Cat .No. 2340,,, Scale Range Brix 0.0 to 90.0%	1	N/R
6.	Digital Microscope	Nikon/ Olympus or Equivalent	1	N/R

REQUISITION OF CONSUMEABLES FOR NRPU PROJECT NO. 16319

Sr. #	Name of items	Qty.	Sample Required
1	5-HT (5-hydroxytryptamine) kits (Ideal Medical Technology/BT Lab or Equivalent)	3	N/R
2	5-HIAA (5- hydroxyindoleacetic acid) kits (Ideal Medical Technology/BT Lab or Equivalent)	3	N/R
3	IL-6(Interleukin 6) kits (Ideal Medical Technology/BT Lab or Equivalent)	3	N/R

4	COX -2 kit (Ideal Medical Technology/BT Lab or Equivalent)	3	N/R
5	TNFalpha kit (Ideal Medical Technology/BT Lab or Equivalent)	3	N/R
6	SOD (superoxidase dismustase) kit (Ideal Medical Technology/BT Lab or Equivalent)	3	N/R
7	Catalase kit (Ideal Medical Technology/BT Lab or Equivalent)	3	N/R
8	GSH-PX (Glutathione peroxidase kit) (Ideal Medical Technology/BT Lab or Equivalent)	3	N/R
9	GSH-ST(Glutathione S-transferase) (Ideal Medical Technology/BT Lab or Equivalent)	3	N/R
10	Gluc malondialdehyde (MDA) kit (Ideal Medical Technology/BT Lab or Equivalent)	3	N/R
11	Hydroxy radical kit (Ideal Medical Technology/BT Lab or Equivalent)	3	N/R
12	Total anti oxidative capability kit (Ideal Medical Technology/BT Lab or Equivalent)	3	N/R
13	AMES assay kit (Ideal Medical Technology/BT Lab or Equivalent)	2	N/R
14	COMET assay kit (Ideal Medical Technology/BT Lab or Equivalent)	2	N/R
15	MTT assay kit (Ideal Medical Technology/BT Lab or Equivalent)	2	N/R
16	IL-10 (Ideal Medical Technology/BT Lab or Equivalent)	3	N/R
17	IL-1B (Ideal Medical Technology/BT Lab or Equivalent)	3	N/R

Items Required for the Department of Physical Therapy Purchase of Plant and Machinery and IT Equipments. Equipment's list for Physical Therapy Department with specifications
For tender 2023-24 from DPT Self Support

	Plant and Machinery/ Machinery and equipment	Specification	Qty.	Sample Required
01	Combination Therapy	Ultrasound & Electro combo Microcontrolled based Combination Therapy 125 Program +US+MS)+ IFT combo	01	N/R
02	Ultrasound	Oceanus Therapeutic ultrasound 1& 3 MHz ultrasound frequency pulsed & continuous modes	01	N/R
03	Interferential current	Interferential stimulator (IF-908)Channel: Dual, Isolated between channels 4 poles Carrier frequency: 4000 HZ, Fixed CH1)	01	N/R
04	Stimulator	Electro Pulse Stimulator, Fully motorized low frequency therapeutic instrument, Fradic Galvanic, Russain, didynamic with pointer electrode	01	N/R
05	Laser with probe	Cold Laser Therapy unit 10-200 mwatt, pencil probe+ cluster probe	01	N/R
06	Traction unit	Cervical+ Lumber Static, Intermittent 90kg capacity with slideable traction couch for height adjustment	01	N/R
07	Short wave diathermy	CDB-1 Maximum output power:200w working frequency: 40.68 MHZ Main voltage 220 V, 50 HZ Consumption power: 700w volume: 490*330* 240mm	01	N/R
08	Microwave diathermy	Power voltage: 230V 50/60/ Hz absorbed power: 900W	01	N/R
09	Tilt table	Electrical tilt table	01	N/R
10	Compression therapy	Air Compression therapy for both upper & lower limb 4 chamber F03001(manual) Range of press: 20-250 mm Hg Treating time 10-30 mins power consumption: 30 watt	01	N/R
11	AC Inverter Compatible with Solar System	1.5 Ton Kenwood/samsang/Gree/Haier/PEL or Equivalent	01	N/R

12	Laptop corei7 Wifi. Dell 15-bs-585tx or Equivalent Dell 15-bs-585tx Core i7 /7th Generation Laptop 16GB DDR4 1TB HDD/SSGD/Intel Core i7-7500U.Graphic Memory/4GB. types Graphics Memory DDR3/Graphics Processor Intel/Radeon 530 Graphics/Diagonal HD SVA Screen/Bright View WLED-Backlit/ Battery /41 Wh		01	N/R
13	LED Samsung / Haier/Sony or Equivalent With Wifi/ USB Port Compatible with Microscope	40 inch	01	N/R
14	Fetus embryo with all stages	Imported	02	N/R
15	Fitness Rubber Expander	Imported Germany or Equivalent	05	N/R
16	Brain Model 08 Parts	Italy or Equivalents	02	N/R
17	Human Muscular Model	Local/ Imported	03	N/R

NOTE: Delivery period is (30) days of issuance of PO

Delivery and installation of items at LCWU Lahore

Section-VIII: Sample Forms

Notes on the Sample Forms

The Bidder shall complete and submit with its Bid the **Bid Form** and **Price Schedules** pursuant to ITB Clause 2.2.3 & 2.3.4 and in accordance with the requirements included in the Bidding documents.

When requested in the Bid Data Sheet, the Bidder should provide the **Bid Security**, either in the form included hereafter or in another form acceptable to the Procuring Agency, pursuant to ITB Clause 2.3.8

The **Contract Form**, when it is finalized at the time of contract award, should incorporate any corrections or modifications to the accepted Bid resulting from price corrections pursuant to ITB Clause 2.5.6 and GCC Clause 17, acceptable deviations e.g., payment schedule pursuant to GCC 16, spare parts pursuant to ITB Clause 2.3.6 & 2.3.7, or quantity variations pursuant to ITB Clause 2.6.5. The Price Schedule and Schedule of Requirements, deemed to form part of the contract, should be modified accordingly.

The **Performance Guarantee** and **Bank Guarantee for Advance Payment** forms should not be completed by the Bidders at the time of their Bid preparation. Only the successful Bidder will be required to provide Performance Guarantee and bank guarantee for advance payment in accordance with one of the forms indicated herein or in another

form acceptable to the Procuring Agency and pursuant to GCC Clause 7.3 and SCC 10, respectively. The **Manufacturer's Authorization** form should be completed by the Manufacturer, as appropriate, pursuant to ITB Clause 2.3.6(iii).

8.1 Bid Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with the Bid, in case of Single Stage One Envelope Procedure and with the Financial Bid, in case of Single Stage Two Envelope Procedure]

Date: _____

To: **Convener Purchase Committee**
Lahore College for Women University, Lahore

Gentleman:

Having examined the Bidding documents including Addenda Nos. *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver *[description of goods and services]* in conformity with the said Bidding documents for the sum of *[total Bid amount in words and figures]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we will obtain the guarantee of a bank in a sum equivalent to 5 percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Procuring Agency.

We agree to a Bid by this Bid for a period of 90 days from the date fixed to Bid opening under Clause 2.3.9 of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any Bid you may receive.

Dated this _____ day of _____ 20____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

8.4. Bidder Profile Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Technical Bid]

Sr.#	Particulars
1.	Name of the company:
2.	Registered Office:
Address:	
Office Telephone Number:	
Fax Number:	
3.	Contact Person:
Name:	
Personal Telephone Number:	
Email Address:	
4.	Local office if any:
Address:	
Office Telephone Number:	
Fax Number:	
5.	Registration Details:

a) Audited Financial Statement Attachment/Income Tax Returns (Last ____ years)

Yes	No
-----	----

b) Details of Experience (Last 02 Years)

(i)	Similar Project (Agency/Department)	Item Name
(ii)	Value of total Projects/Tenders/POs	Amount

c) Staff Detail and last month Payroll

Yes	No
-----	----

8.5. General Information Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Technical Bid]

		Particulars			
Company Name					
Abbreviated Name					
National Tax No.				Sales Tax Registration No	
PRA Tax No.					
No. of Employees				Company's Date of	
				Formation	

*Please attach copies of NTN, GST Registration & Professional Tax Certificate

Registered Office Address		State/Province	
City/Town		Postal Code	
Phone		Fax	
Email Address		Website Address	

[The Procuring Agency should formulate General Information Form in accordance with PPR-14 keeping in view its requirements, nature of procurement i.e. Bulk/Framework, item wise/package wise and form of contract to be adopted (i.e. DDP, CIF, C&F, FOR, FOP etc. if applicable). However, for a standard procurement/contract, contents of a generalized General Information Form may be as provided above.]

8.6. Affidavit

[To be printed on PKR 100 Stamp Paper, duly attested by oath commissioner. To be attached with Technical Bid]

Name: _____

(Applicant)

I, the undersigned, do hereby certify that all the statements made in the Bidding document and in the supporting documents are true, correct and valid to the best of my knowledge and belief and may be verified by employer if the Employer, at any time, deems it necessary.

The undersigned hereby authorize and request the bank, person, company or corporation to furnish any additional information requested by the *[name of Procuring Agency]* of the Punjab deemed necessary to verify this statement regarding my (our) competence and general reputation.

The undersigned understands and agrees that further qualifying information may be requested and agrees to furnish any such information at the request of the *[name of Procuring Agency]*. The undersigned further affirms on behalf of the firm that:

- (i) The firm is neither currently blacklisted by any Department nor any litigation is pending before PPRA or any other court of law competence in this regard against any such blacklisting order.
- (ii) The documents/photocopies provided with Bid are authentic. In case, any fake/bogus document was found at any stage, the firm shall be blacklisted as per Law/ Rules.
- (iii) Affidavit for correctness of information.
- (iv) Contractor/firm is not blacklisted or subject to any pending litigation with any Government or Public Department

[Name of the Contractor/ Bidder/ Supplier] undertakes to treat all information provided as confidential.

Signed by an authorized Officer of the company

Title of Officer: _____

Name of Company: _____

Date: _____

8.7. Performance Guarantee Form NR

8.8. Technical Bid Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Technical Bid]

TENDER DOCUMENT

Sr. #	Procurement Name	Procurement Description with quantity and Description	Procurement Category	Brand / Model	Specifications dimensions
LIST OF REQUIREMENTS OF LAB EQUIPMENTS, LAB CHEMICALS, CHEMICALS KITS, LAB GLASSWARE, APPARATUS, FOT THE FINANCIAL YEAR 2023-24.					
1.	Pilocarpine	Eye drops 10	Sigma/ Merck or Equivalent		
2.	Adrenaline	Injections 200	Sigma/ Merck or Equivalent		
3.	Atropine	Injections 200	Sigma/ Merck or Equivalent		
4.	Acetylcholine	Sigma/ Merck or Equivalent 1	Sigma/ Merck or Equivalent		
5.	Picrotoxin	Sigma/ Merck or Equivalent	Sigma/ Merck or Equivalent		
6.	Homatropine	eye drops = 10	Sigma/ Merck or Equivalent		
7.	Phenobarbital	injection = 20	Sigma/ Merck or Equivalent		
8.	Diazepam	injection = 20	Sigma/ Merck or Equivalent		
9.	Ketamine	injection = 20	Sigma/ Merck or Equivalent		
10.	Normal Saline (20 ml)	500	Sigma/ Merck or Equivalent		
11.	Syringe filters (0.45 micron)	50	Sigma/ Merck or Equivalent		
12.	EDTA	500 grams	Sigma/ Merck or Equivalent		
13.	Tris base	01 kg	Sigma/ Merck or Equivalent		

14.	TAE buffer =	05 Liter	Sigma/ Merck or Equivalent		
15.	Aluminum foil	20 packs	Sigma/ Merck or Equivalent		
16.	Autoclave bags	100	Sigma/ Merck or Equivalent		
17.	Palmitic acid	1kg Sigma or Equivalent	Sigma/ Merck or Equivalent		
18.	Heptane	Sigma/ Merck or Equivalent 1 liter	Sigma/ Merck or Equivalent		
19.	Nicotinamide adenine dinucleotide (reduced form)	Sigma/ Merck or Equivalent 1 gm	Sigma/ Merck or Equivalent		
20.	Lithium chloride	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent		
21.	Potassium dihydrogen phosphate	Sigma/ Merck or Equivalent 1kg	Sigma/ Merck or Equivalent		
22.	Dipotassium hydrogen phosphate	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent		
23.	Potassium hydroxide	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent		
27.	Sodium benzoate (Sigma-Aldrich, USA)	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent		
28.	Sodium carbonate (Sigma-Aldrich, USA)	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent		
29.	Sodium hydroxide (Merck, Germany)	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent		
30.	Sodium nitrite (Sigma-Aldrich, USA)	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent		
31.	Sodium potassium tartarate	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent		
32.	Butylated hydroxy toluene	Sigma/ Merck or Equivalent 100mg	Sigma/ Merck or Equivalent		
33.	Caffeic acid	Sigma/ Merck or Equivalent 100mg	Sigma/ Merck or Equivalent		
34.	Ceric sulphate	Sigma/ Merck or Equivalent 50mg	Sigma/ Merck or Equivalent		

35.	Dimethyl sulfoxide	Sigma/ Merck or Equivalent 500ml	Sigma/ Merck or Equivalent		
36.	Vacutainers with sodium fluoride	Sigma/ Merck or Equivalent 1 pack	Sigma/ Merck or Equivalent		
37.	Kainic acid	Sigma/ Merck or Equivalent 100 mg	Sigma/ Merck or Equivalent		
38.	Phenobarbitone	Sigma/ Merck or Equivalent 500mg	Sigma/ Merck or Equivalent		
39.	Pentylentetrazol	Sigma/ Merck or Equivalent 500mg	Sigma/ Merck or Equivalent		
40.	Strychnine	Sigma/ Merck or Equivalent 50mg	Sigma/ Merck or Equivalent		
41.	N-methyl-D-aspartate	Sigma/ Merck or Equivalent 100mg	Sigma/ Merck or Equivalent		
46.	Purple and yellow cap vacutainers	5000 each			
47.	Surgical gloves large size	50 boxes			
48.	Syringes (03 ml)	2000			
49.	Syringes (01 ml with removable needle)	1000			
50.	Syringes (05 ml)	1000			
51.	Syringes (10 ml)	1000			
52.	Scalpel	20			
53.	Scalpel blades	10 packs			
56.	Falcon tubes (15 ml)	5000			
57.	Falcon tubes (50 ml)	5000			
58.	Absolute ethanol	10 L			
59.	Measuring cylinders	(50 mL, 100 mL, 1000 mL and 2000 mL) = 02 each			
60.	Agarose	200 g			
64.	Chloroform	40 L			
65.	Xylazine injections (20 ml)	20			
67.	Isopropanol	10 L			
68.	Formalin	25 L			
69.	Methanol	100 L			
70.	Ethanol	100 L			
	Eppendorf tube (1.5 mL)	15000			

71.					
72.	Micropipette white, yellow tips	20000 each			
73.	Micropipette blue tips	5000			
74.	Tip boxes (Yellow, white, blue)	50 each			
75.	Plastic Urine containers (100 ml)	500			
77.	Carrageenan				
78.	Castor oil	1 L / 1000 ml			
80.	Piroxicam powder	100 g			
81.	Indomethacin powder	100 g			
85.	Eosin Dye	5g			
86.	Hematoxylin Dye	5g			
87.	Animal dissection table	4	Sigma/ Merck or Equivalent		
88.	Formic acid	10 Liter	Sigma/ Merck or Equivalent		
89.	Acetone	2 Liters	Sigma/ Merck or Equivalent		
90.	Thymoquinone	05 gram	Sigma/ Merck or Equivalent		
91.	Glycylglycine	100 g	Sigma/ Merck or Equivalent		
92.	L-glutamate	100G	Sigma/ Merck or Equivalent		
93.	perchloric acid	100 mL	Sigma/ Merck or Equivalent		
94.	Capped Bottles	(50 ml, 100 ml, 500 ml, 1000 ml) 10 each	Sigma/ Merck or Equivalent		

Equipment Requirement for the Pharmaceutics Department For (70) Regular Students and (70) Self-Support Students

Sr. #	Equipment	Required Qty.	Specification	Brand / Model	Specifications dimensions
1.	UV-Visible Spectrophotometer Double Beam	01	<p>Designed to meet high requirement for precision measurement in the research and production of organic chemistry, biochemistry, medical testing, food testing, environmental protection, water testing industries, etc. The latest ARM system and long optical system ensure high accuracy and good stability of the instrument. They are the best choice of high quality spectrophotometer.</p> <p>Features:</p> <ol style="list-style-type: none"> 1. 7 inches color screen and windows Graphic interface make the instrument easy to operate. 2. Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA/Protein test, Multi-wavelength test, etc. 3. In-house massive memory is capable of saving up to 1024M for test data & working curves. 4. The USB port can be used for data transfer, which is easily exported to EXcel for further processing. 5. Large sample chamber allows cuvettes of various specifications 6. Auto 8- Cell holder is optional 7. Plug type deuterium and tungsten lamp can make lamps switching without optics debugging <p>Specifications:</p> <p>Optical System Double Beam, Grating 1200 lines/mm- Wavelength Range nm -1100nm Spectral Bandwidth-2nm-Wavelength Accuracy-0.3nm Wavelength Repeatability <=0.1nm Photometric Accuracy ±0.3%T(0~100%T) Photometric Repeatability 0.1%T(0~100%T) Photometric Range 0-200%T; -3~3A Stray Light-<=0.03%T Power supply AC 100 to 240V, 50/60 HZ, Weight about 18KG</p>		

2.	Tablet dissolution apparatus	01	Type II USP- Germany/ china/ Korea/ UK/ Local-		
3.	Tablet disintegration apparatus	01	BP specification Germany/ china/ Korea/ UK/ Local-		
4.	Friability apparatus	02	USP SPECIFICATION Germany/ china/ Korea/ UK/ Local-		
5.	Hydraulic press with 1cm dye.	1	USP Specification Germany/ china/ Korea/ UK/ Local-		
6.	6 place Franz diffusion cell	1	USP Specification Germany/ china/ Korea/ UK/ Local-		

Pharmaceutical Chemistry and Pharmacognosy

Sr. #	Name of items	Specification	Qty	Brand / Model	Specifications dimensions
1.	Incubator	Temperature range ambient + 10*c to 60*c Temperature accuracy <u>+ 0.2 C @ 37*C</u> Temperature controller. Dual display PID controller . Display SV and PV . Auto tuning Feature Temperature Sensor PT100 Inner Chamber SS 304 External Cabinet Power Coated GI Sheet Insulation Glass wool Door . insulated door Mechanical latch/ clamp Glass window Heaters Resistance wire Heaters Shelves SS wire mesh (removable) Air circulation Motorized Blower/ Axial Fan Standard Fitting . Mains on / off Switch . load indicator . Fan on / off switch Power supply 220 Volts 50 HZ Optional . GMP construction Inner and outer SS 304 PLC+ HMi controller W/ USB interface . 21 CFR Part 11 software . Data logger w/ USB interface . Thermal Printer . Inner Chamber LED light.	1		
2.	Electric Distillation Assembly	Main Body Mild Steel Glass Borosilicate Heater material Ceramic with Spirial element Heater Tube Quarts/ Sillica Glass Single Distillation Unit Output 1.5 Litre/ Hr, 3.5 Litr/Hr Electric Supply 220/223v,ac, 50/60hz Finish Powder coated.	2		
3.	De-ionizor	Output 30 litersa/ hour	2		

		<p>Flow rate, up to 2 liters/ Minute (with Pressure Tank) Pure water outlet 2 reverse osmosis water, deionized water Deionized water quality resistivity: 16 to 18.2 MQ cm Bacteria N/A Particle (>0.1 um): N/A Ro water Quality Ion Rejection Rate: 97% to 99% (new Ro membrane) Organic rejection rate: > 99 % when MW> 200 Dalton Particles and bacteria rejection rate > 99% Feed water requirements Tap water, temperature 5 to 45°C Pressure 1.0 to 4.0 KGF/ cm² Dimension 410x 220x 420 mm,, power consumption 72 W</p>			
4.	Digital Polarimeter	<p>Principle I polarimeter with symmetric angular oscillation using the optical-Ibalance method Light Source tungsten halogen Lamp (WI) Sodium Lamp (NA), Mercury Lamp (Hg) up to two light sources can be installed) Modulator Faraday Cell Wavelength 253, 280,296,313,302,325,334,365,405,436,546,578,589,633,880 nm Aperture 1.8, 3 and 8 mm diameters Angular Range + 90° Response Speed 6*/sec Measurement Accuracy±0.2% (larger than 1*) Repeatability ±0.2% (larger than1*)</p> <p>0.002*,, resolution 0.0001* ,, intergration time 1-100 sec Detector photomultiplier tube (1 P28-01) (R928-option) Readout modes Optical rotation , optical specific rotation, concentration, suger Scale Z, Brix Purity, Optical Purity Temperature Measurement Range 0~40* C (Minimum Display Temperature: 0.1*C) Dimensions 653 (W) x 249(D)x 364 (H) mm Weight approx.30KG Power requirement AC100~ 240V ±10%, 50 or 60 hz, 80-300 W</p>	2		
5.	Refractrometers	<p>Application laboratory, Minimum Scale Brix 0.2% Parts Thermometer for HSR-500; RE- 2340-91 H Thermometer +1.6 to -1.0 temerature compensation Scale, Size 4x4x20 cm ,, Weight 600g Cat .No. 2340,, Scale Range Brix 0.0 to 90.0%</p>	1		
6.	Digital Microscope	Nikon/ Olympus or Equivalent	1		

REQUISITION OF CONSUMEABLES FOR NRPU PROJECT NO. 16319

Sr. #	Name of items	Qty.	Brand / Model	Specifications dimensions
1	5-HT (5-hydroxytryptamine) kits	3		

	(Ideal Medical Technology/BT Lab or Equivalent)			
2	5-HIAA (5- hydroxyindoleacetic acid) kits (Ideal Medical Technology/BT Lab or Equivalent)	3		
3	IL-6(Interleukin 6) kits (Ideal Medical Technology/BT Lab or Equivalent)	3		
4	COX -2 kit (Ideal Medical Technology/BT Lab or Equivalent)	3		
5	TNFAlpha kit (Ideal Medical Technology/BT Lab or Equivalent)	3		
6	SOD (superoxidase dismutase) kit (Ideal Medical Technology/BT Lab or Equivalent)	3		
7	Catalase kit (Ideal Medical Technology/BT Lab or Equivalent)	3		
8	GSH-PX (Glutathione peroxidase kit) (Ideal Medical Technology/BT Lab or Equivalent)	3		
9	GSH-ST(Glutathione S-transferase) (Ideal Medical Technology/BT Lab or Equivalent)	3		
10	Gluc malondialdehyde (MDA) kit (Ideal Medical Technology/BT Lab or Equivalent)	3		
11	Hydroxy radical kit (Ideal Medical Technology/BT Lab or Equivalent)	3		
12	Total anti oxidative capability kit (Ideal Medical Technology/BT Lab or Equivalent)	3		
13	AMES assay kit (Ideal Medical Technology/BT Lab or Equivalent)	2		
14	COMET assay kit (Ideal Medical Technology/BT Lab or Equivalent)	2		
15	MTT assay kit (Ideal Medical Technology/BT Lab or Equivalent)	2		
16	IL-10 (Ideal Medical Technology/BT Lab or Equivalent)	3		
17	IL-1B (Ideal Medical Technology/BT Lab or Equivalent)	3		

Items Required for the Department of Physical Therapy Purchase of Plant and Machinery and IT Equipments. Equipment's list for Physical Therapy Department with specifications
For tender 2023-24 from DPT Self Support

	Plant and Machinery/ Machinery and equipment	Specification	Qty.	Brand / Model	Specificatio ns dimensions
01	Combination Therapy	Ultrasound & Electro combo Microcontrolled based Combination Therapy 125 Program +US+MS)+ IFT combo	01		
02	Ultrasound	Oceanus Therapeutic ultrasound 1& 3 MHz ultrasound frequency pulsed & continuous modes	01		
03	Interferential current	Interferential stimulator (IF-908)Channel: Dual, Isolated between channels 4 poles Carrier frequency: 4000 HZ, Fixed CH1)	01		
04	Stimulator	Electro Pulse Stimulator, Fully motorized low frequency therapeutic instrument, Fradic Galvanic, Russain, didynamic with pointer electrode	01		
05	Laser with probe	Cold Laser Therapy unit 10-200 mwatt, pencil probe+ cluster probe	01		
06	Traction unit	Cervical+ Lumber Static, Intermittent 90kg capacity with slideable traction couch for height adjustment	01		
07	Short wave diathermy	CDB-1 Maximum output power:200w working frequency: 40.68 MHZ Main voltage 220 V, 50 HZ Consumption power: 700w volume: 490*330* 240mm	01		
08	Microwave diathermy	Power voltage: 230V 50/60/ Hz absorbed power: 900W	01		
09	Tilt table	Electrical tilt table	01		
10	Compression therapy	Air Compression therapy for both upper & lower limb 4 chamber F03001(manual) Range of press: 20-250 mm Hg	01		

		Treating time 10-30 mins power consumption: 30 watt			
11	AC Inverter Compatible with Solar System	1.5 Ton Kenwood/samsung/Gree/Haier/PE L or Equivalent	01		
12	Laptop corei7 Wifi. Dell 15-bs-585tx or Equivalent Dell 15-bs-585tx Core i7 /7th Generation Laptop 16GB DDR4 1TB HDD/ SSGD/Intel Core i7-7500U.Graphic Memory/4GB. types Graphics Memory DDR3/Graphics Processor Intel/Radeon 530 Graphics/Diagonal HD SVA Screen/Bright View WLED-Backlit/ Battery /41 Wh		01		
13	LED Samsung / Haier/Sony or Equivalent With Wifi/ USB Port Compatible with Microscope	40 inch	01		
14	Fetus embryo with all stages	Imported	02		
15	Fitness Rubber Expander	Imported Germany or Equivalent	05		
16	Brain Model 08 Parts	Italy or Equivalents	02		
17	Human Muscular Model	Local/ Imported	03		

Stamp & Signature of Bidder _____

8.9. Contract Form

*[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with
Technical Bid]*

THIS AGREEMENT made on the _____ day of _____ 20____ between *[name of Procuring Agency]* of *[country of Procuring Agency]* (hereinafter called “the Procuring Agency”) on the one part and *[name of Supplier]* of *[city and country of Supplier]* (hereinafter called “the Supplier”) on the other part:

WHEREAS the Procuring Agency invited Bids for certain goods and ancillary services, viz., *[brief description of goods and services]* and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of *[contract price in words and figures]* (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:

- (a) the Bid Form and the Price Schedule submitted by the Bidder;
- (b) the Schedule of Requirements;
- (c) the Technical Specifications;
- (d) the General Conditions of Contract;
- (e) the Special Conditions of Contract; and
- (f) the Procuring Agency's Notification of Award.
- (g) Contract agreement
- (h) Complete Bidding document

3. In consideration of the payments to be made by the Procuring Agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring Agency to provide the goods and services and to rectify defects therein in conformity with all respects in accordance with the provisions of the Contract.

4. The Procuring Agency hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the rectification of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year mentioned above.

Signed, sealed, delivered by _____ the _____ (for the Procuring Agency)

Signed, sealed, delivered by _____ the _____ (for the Supplier)

8.10. Financial Bid Form/Price Schedule

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Financial Bid]

TENDER DOCUMENT

Sr. #	Procurement Name	Procurement Description with quantity and Description	Procurement Category	Brand / Model	Unit Rate With GST	Total Amount with GST
LIST OF REQUIREMENTS OF LAB EQUIPMENTS, LAB CHEMICALS, CHEMICALS KITS, LAB GLASSWARE, APPARATUS, FOT THE FINANCIAL YEAR 2023-24.						
1.	Pilocarpine	Eye drops 10	Sigma/ Merck or Equivalent			
2.	Adrenaline	Injections 200	Sigma/ Merck or Equivalent			
3.	Atropine	Injections 200	Sigma/ Merck or Equivalent			
4.	Acetylcholine	Sigma/ Merck or Equivalent 1	Sigma/ Merck or Equivalent			
5.	Picrotoxin	Sigma/ Merck or Equivalent	Sigma/ Merck or Equivalent			
6.	Homatropine	eye drops = 10	Sigma/ Merck or Equivalent			
7.	Phenobarbital	injection = 20	Sigma/ Merck or Equivalent			
8.	Diazepam	injection = 20	Sigma/ Merck or Equivalent			
9.	Ketamine	injection = 20	Sigma/ Merck or Equivalent			
10.	Normal Saline (20 ml)	500	Sigma/ Merck or Equivalent			
11.	Syringe filters (0.45 micron)	50	Sigma/ Merck or Equivalent			
12.	EDTA	500 grams	Sigma/ Merck or Equivalent			
13.	Tris base	01 kg	Sigma/ Merck or Equivalent			
14.	TAE buffer =	05 Liter	Sigma/ Merck or Equivalent			
15.	Aluminum foil	20 packs	Sigma/ Merck or Equivalent			
16.	Autoclave bags	100	Sigma/ Merck or Equivalent			
17.	Palmitic acid	1kg Sigma or Equivalent	Sigma/ Merck or Equivalent			
18.	Heptane	Sigma/ Merck	Sigma/ Merck			

		or Equivalent 1 liter	or Equivalent			
19.	Nicotinamide adenine dinucleotide (reduced form)	Sigma/ Merck or Equivalent 1 gm	Sigma/ Merck or Equivalent			
20.	Lithium chloride	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent			
21.	Potassium dihydrogen phosphate	Sigma/ Merck or Equivalent 1kg	Sigma/ Merck or Equivalent			
22.	Dipotassium hydrogen phosphate	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent			
23.	Potassium hydroxide	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent			
27.	Sodium benzoate (Sigma-Aldrich, USA)	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent			
28.	Sodium carbonate (Sigma-Aldrich, USA)	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent			
29.	Sodium hydroxide (Merck, Germany)	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent			
30.	Sodium nitrite (Sigma-Aldrich, USA)	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent			
31.	Sodium potassium tartarate	Sigma/ Merck or Equivalent 1 kg	Sigma/ Merck or Equivalent			
32.	Butylated hydroxy toluene	Sigma/ Merck or Equivalent 100mg	Sigma/ Merck or Equivalent			
33.	Caffeic acid	Sigma/ Merck or Equivalent 100mg	Sigma/ Merck or Equivalent			
34.	Ceric sulphate	Sigma/ Merck or Equivalent 50mg	Sigma/ Merck or Equivalent			
35.	Dimethyl sulfoxide	Sigma/ Merck or Equivalent 500ml	Sigma/ Merck or Equivalent			
36.	Vacutainers with sodium fluoride	Sigma/ Merck or Equivalent 1 pack	Sigma/ Merck or Equivalent			
37.	Kainic acid	Sigma/ Merck or Equivalent 100 mg	Sigma/ Merck or Equivalent			
38.	Phenobarbitone	Sigma/ Merck or Equivalent	Sigma/ Merck or Equivalent			

		500mg				
39.	Pentylenetetrazol	Sigma/ Merck or Equivalent 500mg	Sigma/ Merck or Equivalent			
40.	Strychnine	Sigma/ Merck or Equivalent 50mg	Sigma/ Merck or Equivalent			
41.	N-methyl-D-aspartate	Sigma/ Merck or Equivalent 100mg	Sigma/ Merck or Equivalent			
46.	Purple and yellow cap vacutainers	5000 each				
47.	Surgical gloves large size	50 boxes				
48.	Syringes (03 ml)	2000				
49.	Syringes (01 ml with removable needle)	1000				
50.	Syringes (05 ml)	1000				
51.	Syringes (10 ml)	1000				
52.	Scalpel	20				
53.	Scalpel blades	10 packs				
56.	Falcon tubes (15 ml)	5000				
57.	Falcon tubes (50 ml)	5000				
58.	Absolute ethanol	10 L				
59.	Measuring cylinders	(50 mL, 100 mL, 1000 mL and 2000 mL) = 02 each				
60.	Agarose	200 g				
64.	Chloroform	40 L				
65.	Xylazine injections (20 ml)	20				
67.	Isopropanol	10 L				
68.	Formalin	25 L				
69.	Methanol	100 L				
70.	Ethanol	100 L				
71.	Eppendorf tube (1.5 mL)	15000				
72.	Micropipette white, yellow tips	20000 each				
73.	Micropipette blue tips	5000				
74.	Tip boxes (Yellow, white, blue)	50 each				
75.	Plastic Urine containers (100 ml)	500				
77.	Carrageenan					
78.	Castor oil	1 L / 1000 ml				

80.	Piroxicam powder	100 g				
81.	Indomethacin powder	100 g				
85.	Eosin Dye	5g				
86.	Hematoxylin Dye	5g				
87.	Animal dissection table	4	Sigma/ Merck or Equivalent			
88.	Formic acid	10 Liter	Sigma/ Merck or Equivalent			
89.	Acetone	2 Liters	Sigma/ Merck or Equivalent			
90.	Thymoquinone	05 gram	Sigma/ Merck or Equivalent			
91.	Glycylglycine	100 g	Sigma/ Merck or Equivalent			
92.	L-glutamate	100G	Sigma/ Merck or Equivalent			
93.	perchloric acid	100 mL	Sigma/ Merck or Equivalent			
94.	Capped Bottles	(50 ml, 100 ml, 500 ml, 1000 ml) 10 each	Sigma/ Merck or Equivalent			

Equipment Requirement for the Pharmaceutics Department For (70) Regular Students and (70) Self-Support Students

Sr. #	Equipment	Required Qty.	Specification	Brand / Model	Unit Rate With GST	Total Amount with GST
1.	UV-Visible Spectrophotometer Double Beam	01	<p>Designed to meet high requirement for precision measurement in the research and production of organic chemistry, biochemistry, medical testing, food testing, environmental protection, water testing industries, etc. The latest ARM system and long optical system ensure high accuracy and good stability of the instrument. They are the best choice of high quality spectrophotometer.</p> <p>Features:</p> <ol style="list-style-type: none"> 1. 7 inches color screen and windows Graphic interface make the instrument easy to operate. 2. Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA/Protein test, Multi-wavelength test, etc. 3. In-house massive memory is capable of saving up to 1024M for test data & working curves. 4. The USB port can be used for data transfer, which is easily exported to EXcel for further processing. 5. Large sample chamber allows cuvettes of various specifications 6. Auto 8- Cell holder is optional 7. Plug type deuterium and tungsten lamp can make lamps switching without optics debugging <p>Specifications: Optical System Double Beam, Grating 1200</p>			

			lines/mm- Wavelength Range nm - 1100nm Spectral Bandwidth-2nm- Wavelength Accuracy- 0.3nm Wavelength Repeatability ≤ 0.1 nm Photometric Accuracy $\pm 0.3\%$ T(0~100%T) Photometric Repeatability 0.1% T(0~100%T) Photometric Range 0-200%T; -3~3A Stray Light- $\leq 0.03\%$ T Power supply AC 100 to 240V, 50/60 HZ, Weight about 18KG			
2.	Tablet dissolution apparatus	01	Type II USP- Germany/ china/ Korea/ UK/ Local-			
3.	Tablet disintegration apparatus	01	BP specification Germany/ china/ Korea/ UK/ Local-			
4.	Friability apparatus	02	USP SPECIFICATION Germany/ china/ Korea/ UK/ Local-			
5.	Hydraulic press with 1cm dye.	1	USP Specification Germany/ china/ Korea/ UK/ Local-			
6.	6 place Franz diffusion cell	1	USP Specification Germany/ china/ Korea/ UK/ Local-			

Pharmaceutical Chemistry and Pharmacognosy

Sr. #	Name of items	Specification	Qty	Brand / Model	Unit Rate With GST	Total Amount with GST
1.	Incubator	Temperature range ambient + 10*c to 60*c Temperature accuracy + 0.2 C @ 37*C Temperature controller. Dual display PID controller . Display SV and PV . Auto tuning Feature	1			

		<p>Temperature Sensor PT100 Inner Chamber SS 304 External Cabinet Power Coated GI Sheet Insulation Glass wool Door . insulated door Mechanical latch/ clamp Glass window Heaters Resistance wire Heaters Shelves SS wire mesh (removable) Air circulation Motorized Blower/ Axial Fan Standard Fitting . Mains on / off Switch . load indicator . Fan on / off switch Power supply 220 Volts 50 HZ Optional . GMP construction Inner and outer SS 304 PLC+ HMi controller W/ USB interface . 21 CFR Part 11 software . Data logger w/ USB interface . Thermal Printer . Inner Chamber LED light.</p>				
2.	Electric Distillation Assembly	<p>Main Body Mild Steel Glass Borosilicate Heater material Ceramic with Sprial element Heater Tube Quarts/ Sillica Glass Single Distillation Unit Output 1.5 Litre/ Hr, 3.5 Litr/Hr Electric Supply 220/223v,ac, 50/60hz Finish Powder coated.</p>	2			
3.	De-ionizor	<p>Output 30 litersa/ hour Flow rate, up to 2 liters/ Minute (with Pressure Tank) Pure water outlet 2 reverse osmosis water, deionized water Deionized water quality resistivity: 16 to 18.2 MQ cm Bacteria N/A Particle (>0.1 um): N/A Ro water Quality Ion Rejection Rate: 97% to 99% (new Ro membrane) Organic rejection rate: > 99 % when MW> 200 Dalton Particles and bacteria rejection rate > 99% Feed water requirements Tap water, temperature 5 to 45*C Pressure 1.0 to 4.0 KGF/ cm2 Dimension 410x 220x 420 mm,, power consumption 72 W</p>	2			
4.	Digital Polarimeter	<p>Principle I polarimeter with symmetric angular oscillation using the optical-lbalance method</p>	2			

		<p>Light Source tungsten halogen Lamp (WI) Sodium Lamp (NA), Mercury Lamp (Hg) up to two light sources can be installed)</p> <p>Modulator Faraday Cell</p> <p>Wavelength 253, 280,296,313,302,325,334,365,405,436,546,578,589,633,880 nm</p> <p>Aperture 1.8, 3 and 8 mm diameters</p> <p>Angular Range + 90*</p> <p>Response Speed 6*/sec</p> <p>Measurement Accuracy±0.2% (larger than 1*)</p> <p>Repeatability ±0.2% (larger than1*)</p> <p>0.002*,, resolution 0.0001* ,, intergration time 1-100 sec</p> <p>Detector photomultiplier tube (1 P28-01) (R928-option)</p> <p>Readout modes Optical rotation , optical specific rotation, concentration, suger Scale Z, Brix Purity, Optical Purity</p> <p>Temperature Measurement Range 0~40* C (Minimum Display</p> <p>Temperature: 0.1*C) Dimensions 653 (W) x 249(D)x 364 (H) mm</p> <p>Weight approx.30KG</p> <p>Power requirement AC100~ 240V ±10%, 50 or 60 hz, 80-300 W</p>				
5.	Refractrometers	<p>Application laboratory,</p> <p>Minimum Scale Brix 0.2%</p> <p>Parts Thermometer for HSR-500; RE- 2340-91 H</p> <p>Thermometer +1.6 to -1.0 temerature compensation Scale,</p> <p>Size 4x4x20 cm ,, Weight 600g</p> <p>Cat .No. 2340,,, Scale Range Brix 0.0 to 90.0%</p>	1			
6.	Digital Microscope	Nikon/ Olympus or Equivalent	1			

<u>REQUISITION OF CONSUMEABLES FOR NRPU PROJECT NO. 16319</u>					
Sr. #	Name of items	Qty.	Brand / Model	Unit Rate With GST	Total Amount with GST
1	5-HT (5-hydroxytryptamine) kits (Ideal Medical Technology/BT Lab or Equivalent)	3			
2	5-HIAA (5- hydroxyindoleacetic acid) kits	3			

	(Ideal Medical Technology/BT Lab or Equivalent)				
3	IL-6(Interleukin 6) kits (Ideal Medical Technology/BT Lab or Equivalent)	3			
4	COX -2 kit (Ideal Medical Technology/BT Lab or Equivalent)	3			
5	TNFalpha kit (Ideal Medical Technology/BT Lab or Equivalent)	3			
6	SOD (superoxidase dismutase) kit (Ideal Medical Technology/BT Lab or Equivalent)	3			
7	Catalase kit (Ideal Medical Technology/BT Lab or Equivalent)	3			
8	GSH-PX (Glutathione peroxidase kit) (Ideal Medical Technology/BT Lab or Equivalent)	3			
9	GSH-ST(Glutathione S-transferase) (Ideal Medical Technology/BT Lab or Equivalent)	3			
10	Gluc malondialdehyde (MDA) kit (Ideal Medical Technology/BT Lab or Equivalent)	3			
11	Hydroxy radical kit (Ideal Medical Technology/BT Lab or Equivalent)	3			
12	Total anti oxidative capability kit (Ideal Medical Technology/BT Lab or Equivalent)	3			
13	AMES assay kit (Ideal Medical Technology/BT Lab or Equivalent)	2			
14	COMET assay kit (Ideal Medical Technology/BT Lab or Equivalent)	2			
15	MTT assay kit (Ideal Medical Technology/BT Lab or Equivalent)	2			
16	IL-10 (Ideal Medical Technology/BT Lab or Equivalent)	3			
17	IL-1B (Ideal Medical Technology/BT Lab or	3			

Equivalent)				
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Items Required for the Department of Physical Therapy Purchase of Plant and Machinery and IT Equipments. Equipment's list for Physical Therapy Department with specifications For tender 2023-24 from DPT Self Support						
	Plant and Machinery/ Machinery and equipment	Specification	Qty.	Brand / Model	Unit Rate With GST	Total Amount with GST
01	Combination Therapy	Ultrasound & Electro combo Microcontrolled based Combination Therapy 125 Program +US+MS)+ IFT combo	01			
02	Ultrasound	Oceanus Therapeutic ultrasound 1& 3 MHz ultrasound frequency pulsed & continuous modes	01			
03	Interferential current	Interferential stimulator (IF-908)Channel: Dual, Isolated between channels 4 poles Carrier frequency: 4000 HZ, Fixed CH1)	01			
04	Stimulator	Electro Pulse Stimulator, Fully motorized low frequency therapeutic instrument, Fradic Galvanic, Russain, didynamic with pointer electrode	01			
05	Laser with probe	Cold Laser Therapy unit 10-200 mwatt, pencil probe+ cluster probe	01			
06	Traction unit	Cervical+ Lumber Static, Intermittent 90kg capacity with slideable traction couch for height adjustment	01			
07	Short wave diathermy	CDB-1 Maximum output power:200w working frequency: 40.68 MHZ Main voltage 220 V, 50 HZ Consumption power: 700w volume: 490*330* 240mm	01			
08	Microwave diathermy	Power voltage: 230V 50/60/ Hz absorbed power: 900W	01			

09	Tilt table	Electrical tilt table	01			
10	Compression therapy	Air Compression therapy for both upper & lower limb 4 chamber F03001(manual) Range of press: 20-250 mm Hg Treating time 10-30 mins power consumption: 30 watt	01			
11	AC Inverter Compatible with Solar System	1.5 Ton Kenwood/samsung/Gree/Haier/PEL or Equivalent	01			
12	Laptop corei7 Wifi. Dell 15-bs-585tx or Equivalent Dell 15-bs-585tx Core i7 /7th Generation Laptop 16GB DDR4 1TB HDD/SSGD/Intel Core i7-7500U.Graphic Memory/4GB. types Graphics Memory DDR3/Graphics Processor Intel/Radeon 530 Graphics/Diagonal HD SVA Screen/Bright View WLED-Backlit/ Battery /41 Wh		01			
13	LED Samsung / Haier/Sony or Equivalent With Wifi/ USB Port Compatible with Microscope	40 inch	01			
14	Fetus embryo with all stages	Imported	02			
15	Fitness Rubber Expander	Imported Germany or Equivalent	05			
16	Brain Model 08 Parts	Italy or Equivalents	02			
17	Human Muscular Model	Local/ Imported	03			

Total Bid value (against which a Bid shall be evaluated) in figure.

Total Bid value (against which a Bid shall be evaluated) in words.

Note:

In case of difference between unit price and total price, unit price shall prevail and total price shall be "final". (Please refer ITB clause 2.5.6).

In case of difference between amount in "words" and amount in "figures", amount in "words" shall be considered final.

Stamp & Signature of Bidder _____

8.11. Bid Security Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Financial Bid]

Whereas *[name of the Bidder]* (hereinafter called "the Bidder") has submitted its Bid dated *[date of submission of Bid]* for the supply of *[name and/or description of the goods]* (hereinafter called "the Bid").

KNOW ALL PEOPLE by these presents that WE *[name of bank]* of *[name of country]*, having our registered office at *[address of bank]* (hereinafter called "the Bank"), are bound unto *[name of Procuring Agency]* (hereinafter called "the Procuring Agency") in the sum of for which payment well and truly to be made to the said Procuring Agency, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this ____ day of _____ 20____.

THE CONDITIONS of this obligation are:

1. If the Bidder withdraws its Bid during the period of Bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its Bid by the Procuring Agency during the period of Bid validity:
 - (a) fails or refuses to execute the Contract Form, if required; or
 - (b) fails or refuses to furnish the Performance Guarantee, in accordance with the Instructions to Bidders;

we undertake to pay to the Procuring Agency up to the above amount upon receipt of its first written demand, without the Procuring Agency having to substantiate its demand, provided that in its demand the Procuring Agency will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including thirty (30) days after the period of Bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

[Signature of the bank]

[The Procuring Agency may alter or modify the details of this form in accordance with PPR-14 keeping in view its requirements, nature of procurement i.e. Bulk/Framework, item wise/package wise and form of contract to be adopted (i.e. DDP, CIF, C&F, FOR, FOP etc. if applicable) However, for a standard procurement/contract contents of a generalized this Form may be as provided above.]

Section IX- Check List

[To be signed and stamped and presented on Bidder's letter head pad]

The provision of this checklist is essential prerequisite along with submission of tenders (with technical proposal).

Sr. #	Detail	Responsive	Non-responsive
1	Original receipt for purchase of tender/ Deposit Slip along with Standard Bidding Documents.		
2	2% Bid Security of estimated cost of articles / items given by the department. The Bid security must be submitted with technical proposal.		
4	Active Registration with Income Tax Authorities (National Tax Number NTN) at least three years old		
5	Copy of active Registration with Sales Tax Authorities (STRN)		
6	Copy of active Registration (Professional Tax Certificate)		
8	At least 2 of similar nature having similar cost or above have been performed / executed in public organization during last 05 years		
9	Technical Bid Form (as per form 8.8 of Bidding documents) on letter head of the firm duly signed and stamped.		
10	Financial Bid Form (as per form 8.10 of Bidding documents) on letter head of the firm, duly signed and stamped.		
11	Bid Security Form (as per form 8.11 of Bidding documents) on letter head of the firm, duly signed and stamped.		
12	Performance Guarantee Form (as per form 8.7 of Bidding documents) on letter head of the firm, duly signed and stamped.	NR	NR
13	General Information Form (as per form 8.5 of Bidding documents) on letter head of the firm duly signed and stamped.		
14	Manufacturer Authorization Form		
15	Affidavit(as per form 8.6) on non-judicial Stamp Paper of Minimum Rs. 100/- (i) The firm is not blacklisted from any Department. (ii) The documents/photocopies provided with Bid are authentic. In case of any fake/bogus document look at any stage. They shall be black listed as per Rules / Laws. (iii) Affidavit for correctness of information. (iv) Contractor/firm is not blacklisted or subject to any pending litigation with any Government or Public Department. Affidavit for correction of information Form (as per form of Bidding documents) on letter head of the firm, duly signed and stamped.		
16	i. Work order / supply order / purchase order of previous		

	relevant experience. ii. Company profile. Staff list along with location and address <i>[where applicable]</i> . iii. Income Tax Returns/Audited Financial Statement, National tax number Certificate, General Sale Tax Number Certificate (last 03 year). iv. Bidders profile Form (as per form of Bidding documents) on letter head of the firm, duly signed and stamped.		
17	v. Samples		

Stamp & Signature of Bidder _____