STANDARD FORM OF BIDDING DOCUMENTS
FOR
LIBRARY BOOKS

Two Stage-Two Envelope
(TSTE) Bidding Procedure

May 2019

LAHORE CANTONMENT BOARD
42 SARWAR ROAD LAHORE CANTT.

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INVITATION
FOR
BIDS

INVITATION FOR BIDS

Date: _____
Loan / Credit No. _____
Bid Reference No.: _____

1. The Cantonment Executive Officer, Lahore Cantonment Board, 42, Sarwar Road Lahore Cantt. has credit from the Walton Cantonment Board for furnishing of CB Medical College for **Library Book. 70% from Walton Cantonment Board and 30% from Lahore Cantonment Board.** The Contract for the **CB Medical College Library Books** Bidding is open to all eligible Bidders.

2. The LCB invites sealed bids, under Two Stage-Two Envelope bidding procedure, from eligible firms or persons as defined under clause IB-3 of Instructions to Bidders. The bidding is open to National/International (strike out whichever is not applicable) Competition as per policy of the government.

3. Eligible Bidders may obtain further information, inspect and acquire the Bidding Documents from the Office of the LCB, at 42, Sarwar Road Lahore Cantt.

4. A complete set of Bidding Documents may be purchased by an interested bidder on submission of a written application to the above office and upon payment of a non-refundable fee of Rs. 5000/-

5. All bids must be accompanied by a Bid Security in the amount of Rs. 2% of the Bid amount in the from of depsit at or before 20 May 2019 at 11 hours. Bids will be opened at 1130 hours on the same day, in the presence of Bidder's representatives who choose to attend at the same address.

INSTRUCTIONS
TO
BIDDERS

INSTRUCTIONS TO BIDDERS

(Note: These Instructions to Bidders along with Bidding Data will not be part of the Contract and will cease to have effect once the Contract is signed.)

A. GENERAL

IB.1 Scope of Bid

1.1 The Purchaser as defined in the Bidding Data hereinafter called "the Purchaser" wishes to receive bids for the supply of Engineering Goods as described in these Bidding Documents, and summarised in the Bidding Data hereinafter referred to as the "Goods".

1.2 The successful Bidder will be expected to supply the Goods within the time specified in the Bidding Documents.

1.3 All Goods to be supplied under the Contract shall have as their country of origin an eligible country as per Appendix-A to Bid.

1.4 For purposes of this Clause, the term "Goods" includes commodities, raw material, machinery, equipment, and industrial plants.

1.5 The term "country of origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its imported components.

1.6 The nationality of the firm that produces, assembles, distributes, or sells the goods shall not determine their origin.

1.7 The bidding is open to National/International Competitive Bidding as indicated in the Bidding Data.

IB.2 Source of Funds

2.1 The Purchaser has applied for/received a loan/credit from the source (s) indicated in the Bidding Data in various currencies towards the cost of the project specified in the Bidding Data and it is intended that part of the proceeds of this loan/credit will be applied to eligible payments under the Contract for which these Bidding Documents are issued.

IB.3 Eligible Bidders

3.1 This Invitation for Bids is open to all Bidders meeting the following requirements:

a. A Bidder having the nationality of an eligible country in accordance with Appendix A to Bid.

b. Duly prequalified / enlisted with the Purchaser.

IB.4 One Bid per Bidder

4.1 Each Bidder shall submit only one bid either by himself, or as a partner in a joint venture. A Bidder who submits or participates in more than one bid (other than alternatives pursuant to Clause IB.20) will be disqualified.

IB.5 Cost of Bidding

5.1 The Bidders shall bear all costs associated with the preparation and submission of their respective bids and the Purchaser will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

IB.6 Site Visit

6.1 The Bidders are advised to visit and inspect the Location of Delivery and its surroundings and obtain for themselves on their own responsibility all information that may be necessary for preparing the bid and entering into a Contract for Supply of Goods. All cost in this respect shall be at the bidder's own expense.

6.2 The Bidders and any of their personnel or agents will be granted permission by the Purchaser to enter upon his premises and lands for the purpose of such inspection, but only upon the express condition that the Bidders, their personnel and agents, will release and indemnify the Purchaser, his personnel and agents from and against all liability in respect thereof and will be responsible for death or personal injury, loss of or damage to property and any other loss, damage, costs and expenses incurred as a result of such inspection.

B. BIDDING DOCUMENTS

IB.7 Contents of Bidding Documents

7.1 The Bidding Documents, in addition to Invitation for Bids, are those stated below and should be read in conjunction with any Addenda issued in accordance with Clause IB.9.

1. Instructions to Bidders
2. Bidding Data
3. Form of Bid and Appendices to Bid
4. Schedules to Bid

(i) Schedule A: Price Schedule for Goods to be offered from within the Purchaser's country

(ii) Schedule B: Price Schedule for Goods to be offered from outside the Purchaser's country
(iii) Schedule C: Manufacturer's Authorization
(iv) Schedule D: List of Goods
(v) Schedule E: Delivery and Completion Schedule
(vi) Schedule F: Inspection and Tests to be carried out

5. General Conditions of Contract (GCC), Part-I
6. Particular Conditions of Contract (PCC), Part-II
7. Standard Forms
   (i) Form of Bid Security
   (ii) Form of Performance Security
   (iii) Form of Contract Agreement
   (iv) Form of Advance Payment Security
8. Specifications…..Special & Technical Provisions
9. Drawings

7.2 The bidders are expected to examine carefully the contents of all the above documents. Failure to comply with the requirements of bid submission will be at the Bidder's own risk. Pursuant to Clause IB.30, bids which are not substantially responsive to the requirements of the Bidding Documents will be rejected.

IB.8 Clarification of Bidding Documents

8.1 Any prospective Bidder requiring any clarification (s) in respect of the Bidding Documents may notify the Purchaser in writing at the Purchaser's address indicated in the Invitation for Bids. The Purchaser will respond to any request for clarification which he receives earlier than the time, stated in the Bidding Data, prior to the deadline for submission of bids. Copies of the Purchaser's response will be forwarded to all purchasers of the Bidding Documents, including a description of the enquiry but without identifying its source.

IB.9 Amendment of Bidding Documents

9.1 At any time prior to the deadline for submission of bids, the Purchaser may, for any reason, whether at his own initiative or in response to a clarification requested by a prospective Bidder, modify the Bidding Documents by issuing addendum.

9.2 Any addendum thus issued shall be part of the Bidding Documents pursuant to Sub-Clause 7.1 hereof and shall be communicated in writing to all purchasers of the Bidding Documents. Prospective Bidders shall acknowledge receipt of each addendum in writing to the Purchaser.

9.3 To afford prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may extend the deadline for submission of bids in accordance with Clause IB.24

C. PREPARATION OF BIDS

IB.10 Language of Bid

10.1 The bid as well as all correspondence and documents related to the bid exchanged by a bidder and the Purchaser shall be in the bid language stipulated in the Bidding Data and Particular Conditions of Contract. Supporting documents and printed literature furnished by the Bidders may be in any other language provided the same are accompanied by an accurate translation of the relevant parts in the bid language, in which case, for purposes of evaluation of the bid, the translation in bid language shall prevail.

IB.11 Documents Comprising the Bid

11.1 Each Bidder shall:

(a) submit a written power of attorney authorizing the signatory of the bid to act for and on behalf of the Bidder;

(b) update the information indicated and listed in the Bidding Data and previously submitted with the prequalification documents which as a minimum, would include the following application for prequalification, and continue to meet the minimum criteria set out in the:

(i) Evidence of access to financial resources alongwith average annual turnover;

(ii) Financial predictions for the current year and the two following years including the effect of known commitments;

(iii) Supply commitments since prequalification;

(iv) Current litigation information; and

(v) Availability of critical equipment.
and

(c) furnish a technical proposal taking into account the various Appendices to Bid specially the following:

Appendix-C to Bid	Method of Assuring Quality of Goods
Appendix-D to Bid	List of Quality Control/Laboratory Equipment
Appendix-E to Bid	List of Manufacturers / Subcontractors

and other pertinent information such as mobilization programme (under Appendix C to Bid) etc;

11.2 Bids submitted by a joint venture of two (2) or more firms shall comply with the following requirements:

(a) the bid and in case of a successful bid, the Form of Contract Agreement shall be signed so as to be legally binding on all partners;

(b) one of the joint venture partners shall be nominated as being in charge; and this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the joint venture partners;

(c) the partner-in-charge shall always be duly authorized to deal with the Purchaser regarding all matters related with and/or incidental to the supply of Goods as per the terms and Conditions of Contract and in this regard to incur any and all liabilities, receive instructions, give binding undertakings and receive payments on behalf of the joint venture;

(d) all partners of the joint venture shall at all times and under all circumstances be liable jointly and severally for the execution of the Contract in accordance with the Contract terms and a statement to this effect shall be included in the authorization mentioned under Sub-Para (b) above as well as in the Form of Bid and in the Form of Contract Agreement (in case of a successful bid); and

(e) a copy of the agreement entered into by the joint venture partners shall be submitted with the bid stating the conditions under which it will function, its period of duration, the persons authorized to represent and obligate it and which persons will be directly responsible for due performance of the Contract and can give valid receipts on behalf of the joint venture, the proportionate participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning. No amendments / modifications whatsoever in the joint venture agreement shall be agreed to between the joint venture partner without prior written consent of the Purchaser.

11.3 Bidders shall also submit proposals of supply and transportation methods and schedule, in sufficient detail to demonstrate the adequacy of the Bidders' proposals to meet the technical specifications and the completion time referred to in Sub-Clause 1.2 hereof.

IB.12 Bid Prices

12.1 The Bidder shall submit the Form of Bid using the form attached herewith. This form must be completed without any alterations to its format, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested.

12.2 The Bidder shall submit the Price Schedules for Goods, according to their origin as appropriate, using the forms furnished in Appendices to Bid along with Manufacturer,s Authorization (on the format provided) in case the Bidder is not himself the manufacturer

12.3 Unless stated otherwise in the Bidding Documents(in Lots under Schedule D to Bid), the Contract shall be for the whole of the Goods as described in Sub-Clause 1.1 hereof, based on the unit rates and/or prices submitted by the bidder.

12.4 The Bidders shall fill in rates and prices for all items of the Goods described in the Price Schedules. Items against which no rate or price is entered by a bidder will not be paid for by the Purchaser when delivered and shall be deemed covered by rates and prices for other items in the Price Schedules.

12.5 All duties, taxes and other levies payable by the Contractor under the Contract, or for any other cause, as on the date 28 days prior to the deadline for submission of bids shall be included in the rates and prices and the total Bid Price submitted by a Bidder.

Additional/reduced duties, taxes and levies due to subsequent additions or changes in legislation shall be dealt as per Clause 17 of the General Conditions of Contract.

12.6 The rates and prices quoted by the Bidders are subject to adjustment during the performance of the Contract in accordance with the provisions of Clause 15 of the General Conditions of Contract. The Bidders shall furnish the prescribed information for the price adjustment formulae if required under Sub-Clause 15.2 of General Conditions of Contract, and shall submit with their bids such other supporting information as required under the said Clause.

IB.13 Currencies of Bid and Payment

13.1 The unit rates and the prices shall be quoted by the Bidder entirely in Pak rupees. A Bidder expecting to incur expenditures in other currencies for Goods supplied from outside the Purchaser's country (referred to as the "Foreign Currency Requirements") shall indicate the same in Appendix-B to Bid. The proportion of the Bid Price (excluding Provisional Sums) needed by him for the payment of such Foreign Currency Requirements either (i) entirely in the currency of the Bidder's home country or, (ii) at the Bidder's option, entirely in Pak rupees provided always that a Bidder expecting to incur expenditures in a currency or currencies other than those stated in (i) and (ii) above for a portion of the foreign currency requirements, and wishing to be paid accordingly, shall indicate the respective portions in his bid.

13.2 The rates of exchange to be used by the Bidder for currency conversion shall be the TT&OD Selling Rates published or authorized by the State Bank of Pakistan prevailing on the date 28 days prior to the deadline for submission of bids.For the purpose of payments, the exchange rates used in bid preparation shall apply for the duration of the Contract.

IB.14 Documents Establishing the Eligibility of the Bidder

To establish their eligibility in accordance with ITB 4, Bidders shall:

(a) Provide the eligibility documents as per ITB Clause 3; and

(b) If the Bidder is an existing or intended JV in accordance with ITB 4.1 and 11.2, submit a copy of the JV Agreement, or a letter of intent to enter into such an Agreement. The respective document shall be signed by all legally authorized signatories of all the parties to the existing or intended JV, as appropriate.

IB.15 Documents Establishing the Eligibility of the Goods

15.1 To establish the eligibility of the Goods in accordance with ITB Clause 1-3, Bidders shall complete the country of origin declarations in the Price Schedule Forms, & Appendices to Bid.

IB.16 Documents Establishing the Conformity of the Goods to the Bidding Document

16.1 To establish the conformity of the Goods to the Bidding Document, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods and be supplied conform to the specified requirements.

16.1 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item-by-item description of the essential technical and performance characteristics of the Goods.

16.2 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Delivery and Completion Schedule , are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in Delivery and Completion Schedule of Supply.

IB.17 Documents Establishing the Qualification of the Bidder

17.1 The documentary evidence of the Bidder's qualifications to perform the contract, if its bid is accepted, shall establish to the Purchaser's satisfaction that the Bidder meets each of the qualification criterion specified in Bidding Documents.

17.2 If so required in the Bidding Data, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the appended form to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's country.

17.3 If so required in the Bidding Data, a Bidder that does not conduct business within the Purchaser's Country shall submit evidence that it will be represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications.

IB.18 Bid Validity

18.1 Bids shall remain valid for the period stipulated in the Bidding Data after the Date of Bid Opening specified in Clause IB.27.

18.2 In exceptional circumstances, prior to expiry of the original bid validity period, the Purchaser may request that the Bidders extend the period of validity for a specified additional period which shall in no case be more than the original bid validity period. The request and the responses thereto shall be made in writing. A Bidder may refuse the request without forfeiting his Bid Security. A Bidder agreeing to the request will not be required or permitted to modify his bid, but will be required to extend the validity of his Bid Security for the period of the extension, and in compliance with Clause IB.19 in all respects.

IB.19 Bid Security

19.1 Each Bidder shall furnish, as part of his bid, a Bid Security in the amount stipulated in the Bidding Data in Pak Rupees or an equivalent amount in a freely convertible currency.

19.2 The Bid Security shall be, at the option of the Bidder, in the form of Deposit at Call or a Bank Guarantee issued by a Scheduled Bank in Pakistan or from a foreign bank duly counter guaranteed by a Scheduled Bank in Pakistan or an insurance company having atleast AA rating from PACRA/JCR in favour of the Purchaser valid for a period 28 days beyond the Bid Validity date.

19.3 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Purchaser as non-responsive.

19.4 The bid securities of unsuccessful Bidders will be returned as promptly as possible, but not later than 28 days after the expiration of the period of Bid Validity.

19.5 The Bid Security of the successful Bidder will be returned when the Bidder has furnished the required Performance Security and signed the Contract Agreement.

19.6 The Bid Security may be forfeited:

(a) if the Bidder withdraws his bid except as provided in Sub-Clause 26.1;

(b) if the Bidder does not accept the correction of his Bid Price pursuant to Sub-Clause 31.2 hereof; or

(c) In the case of successful Bidder, if he fails within the specified time limit to:

(i) furnish the required Performance Security; or
(ii) sign the Contract Agreement.

IB.20 Alternate Proposals by Bidder

20.1 Should any Bidder consider that he can offer any advantages to the Purchaser by a modification to the designs, specifications or other conditions, he may, in addition to his bid to be submitted in strict compliance with the Bidding Documents, submit any Alternate Proposal(s) containing (a) relevant design calculations; (b) technical specifications; (c) proposed manufacturing methodology; and (d) any other relevant details / conditions, provided always that the total sum entered on the Form of Bid shall be that which represents complete compliance with the Bidding Documents.

20.2 Alternate Proposal(s), if any, of the lowest evaluated responsive Bidder only may be considered by the Purchaser as the basis for the award of Contract to such Bidder.

IB.21 Pre-Bid Meeting

21.1 The Purchaser may, on his own motion or at the request of any prospective Bidder(s), hold a pre-bid meeting to clarify issues and to answer any questions on matters related to the Bidding Documents. The date, time and venue of pre-bid meeting, if convened, is as stipulated in the Bidding Data. All prospective Bidders or their authorized representatives shall be invited to attend such a pre-bid meeting.

21.2 The Bidders are requested to submit questions, if any, in writing so as to reach the Purchaser not later than seven (7) days before the proposed pre-bid meeting.

21.3 Minutes of the pre-bid meeting, including the text of the questions raised and the replies given, will be transmitted without delay to all purchasers of the Bidding Documents. Any modification of the Bidding Documents listed in Sub-Clause 7.1 hereof which may become necessary as a result of the pre-bid meeting shall be made by the Purchaser exclusively through the issue of an Addendum pursuant to Clause IB.9 and not through the minutes of the pre-bid meeting.

21.4 Absence at the pre-bid meeting will not be a cause for disqualification of a Bidder.

IB.22 Format and Signing of Bid

22.1 Bidders are particularly directed that the amount entered on the Form of Bid shall be for performing the Contract strictly in accordance with the Bidding Documents.

22.2 All Appendices and Schedules to Bid are to be properly completed and signed.

22.3 No alteration is to be made in the Form of Bid nor in the Appendices and Schedules thereto except in filling up the blanks as directed. If any such alterations be made or if these instructions be not fully complied with, the bid may be rejected.

22.4 Each Bidder shall prepare by filling out the forms completely and without alterations one (1) original and number of copies, specified in the Bidding Data, of the documents comprising the bid as described in Clause IB.7 and clearly mark them "ORIGINAL" and "COPY" as appropriate. In the event of discrepancy between them, the original shall prevail.

22.5 The original and all copies of the bid shall be typed or written in indelible ink (in the case of copies, Photostats are also acceptable) and shall be signed by a person or persons duly authorized to sign on behalf of the Bidder pursuant to Sub- Clauses 11.1(a) and 11.2 hereof. All pages of the bid shall be initialled and stamped by the person or persons signing the bid.

22.6 The bid shall contain no alterations, omissions or additions, except to comply with instructions issued by the Purchaser, or as are necessary to correct errors made by the Bidder, in which case such corrections shall be initialled by the person or persons signing the bid.

22.7 Bidders shall indicate in the space provided in the Form of Bid their full and proper addresses at which notices may be legally served on them and to which all correspondence in connection with their bids and the Contract is to be sent.

22.8 Bidders should retain a copy of the Bidding Documents as their file copy.

D. SUBMISSION OF BIDS

IB.23 Sealing and Marking of Bids

23.1 Each Bidder shall submit his bid as under:

(a) ORIGINAL and each copy of the Bid shall be separately sealed and put in separate envelopes and marked as such.
(b) The envelopes containing the ORIGINAL and copies will be put in one sealed envelope and addressed/identified as given in Sub- Clause 23.2 hereof.

23.2 The inner and outer envelopes shall:

(a) be addressed to the Purchaser at the address provided in the Bidding Data;
(b) bear the name and identification number of the Contract as defined in the Bidding Data; and
(c) provide a warning not to open before the time and date for bid opening, as specified in the Bidding Data.

23.3 In addition to the identification required in Sub- Clause 23.2 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 Clause IB.25

23.4 If the outer envelope is not sealed and marked as above, the Purchaser will assume no responsibility for the misplacement or premature opening of the Bid.

IB.24 Deadline for Submission of Bids

24.1 (a) Bids must be received by the Purchaser at the address specified no later than the time and date stipulated in the Bidding Data.

(b) Bids with charges payable will not be accepted, nor will arrangements be undertaken to collect the bids from any delivery point other than that specified above. Bidders shall bear all expenses incurred in the preparation and delivery of bids. No claims will be entertained for refund of such expenses.

(c) Where delivery of a bid is by mail and the Bidder wishes to receive an acknowledgment of receipt of such bid, he shall make a request for such acknowledgment in a separate letter attached to but not included in the sealed bid package.

(d) Upon request, acknowledgment of receipt of bids will be provided to those making delivery in person or by messenger.

24.2 The Purchaser may, at his discretion, extend the deadline for submission of bids by issuing an amendment in accordance with Clause IB.9, in which case all rights and obligations of the Purchaser and the Bidders previously subject to the original deadline will thereafter be subject to the deadline as extended.

IB.25 Late Bids

25.1 (a) Any bid received by the Purchaser after the deadline for submission of bids prescribed in Clause IB.24 will be returned unopened to such bidder.

(b) Delays in the mail, delays of person in transit, or delivery of a bid to the wrong office shall not be accepted as an excuse for failure to deliver a bid at the proper place and time. It shall be the Bidder's responsibility to determine the manner in which timely delivery of his bid will be accomplished either in person, by messenger or by mail.

IB.26 Modification, Substitution and Withdrawal of Bids

26.1 Any Bidder may modify**,** substitute or withdraw his bid after bid submission provided that the modification, substitution or written notice of withdrawal is received by the Purchaser prior to the deadline for submission of bids.

26.2 The modification, substitution, or notice for withdrawal of any bid shall be prepared, sealed, marked and delivered in accordance with the provisions of Clause IB.23 with the outer and inner envelopes additionally marked "MODIFICATION", "SUBSTITUTION" or "WITHDRAWAL" as appropriate.

26.3 No bid may be modified by a Bidder after the deadline for submission of bids except in accordance with Sub-Clauses 26.1 and 31.2.

26.4 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security in pursuance to Clause IB.19.

E. BID OPENING AND EVALUATION

IB.27 Bid Opening

27.1 The Purchaser will open the bids, including withdrawals, substitution and modifications made pursuant to Clause IB.26, in the presence of Bidders' representatives who choose to attend, at the time, date and location stipulated in the Bidding Data. The Bidders' representatives who are present shall sign a register evidencing their attendance.

27.2 Envelopes marked "MODIFICATION", "SUBSTITUTION" or "WITHDRAWAL" shall be opened and read out first. Bids for which an acceptable notice of withdrawal has been submitted pursuant to Clause IB.26 shall not be opened.

27.3 The Bidder's name, total Bid Price and price of any Alternate Proposal(s), any discounts, bid modifications**,** substitution and withdrawals, the presence or absence of Bid Security, and such other details as the Purchaser may consider appropriate, will be announced by the Purchaser at the opening of bids.

27.4 Purchaser shall prepare minutes of the bid opening, including the information disclosed to those present in accordance with the Sub-Clause 27.3.

IB.28 Process to be Confidential

28.1 Information relating to the examination, clarification, evaluation and comparison of bid and recommendations for the award of a Contract shall not be disclosed to Bidders or any other person not officially concerned with such process before the announcement of bid evaluation report which shall be done at least ten (10) days prior to issue of Letter of Acceptance. The announcement to all Bidders will include table(s) comprising read out prices, discounted prices, price adjustments made, final evaluated prices and recommendations against all the bids evaluated. Any effort by a Bidder to influence the Purchaser's processing of bids or award

decisions may result in the rejection of such Bidder's bid. Whereas any Bidder feeling aggrieved may lodge a written complaint not later than fifteen (15) days after the announcement of the bid evaluation report; however mere fact of lodging a complaint shall not warrant suspension of the procurement process.

IB.29 Clarification of Bids

29.1 To assist in the examination, evaluation and comparison of bids, the Purchaser may, at his discretion, ask any Bidder for clarification of his bid, including breakdowns of unit rates. The request for clarification and the response shall be in writing but no change in the price or substance of the bid shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by the Purchaser in the evaluation of the bids in accordance with Clause IB.32.

IB.30 Examination of Bids and Determination of Responsiveness

30.1 Prior to the detailed evaluation of bids, the Purchaser will determine whether each bid is substantially responsive to the requirements of the Bidding Documents.

30.2 A substantially responsive bid is one which (i) meets the eligibility criteria; (ii) has been properly signed; (iii) is accompanied by the required Bid Security; and (iv) conforms to all the terms, conditions and specifications of the Bidding Documents, without material deviation or reservation. A material deviation or reservation is one (i) which affect in any substantial way the scope, quality or performance of the Goods; (ii) which limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or (iii) adoption/rectification whereof would affect unfairly the competitive position of other Bidders presenting substantially responsive bids.

30.3 If a bid is not substantially responsive, it will be rejected by the Purchaser, and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.

IB.31 Correction of Errors

31.1 Bids determined to be substantially responsive will be checked by the Purchaser for any arithmetic errors. Errors will be corrected by the Purchaser as follows:

(a) where there is a discrepancy between the amounts in figures and in words, the amount in words will govern; and

(b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern, unless in the opinion of the Purchaser there is an obviously gross misplacement of the decimal point in the unit rate, in which case the line item total as quoted will govern and the unit rate will be corrected.

31.2 The amount stated in the Form of Bid will be adjusted by the Purchaser in accordance with the above procedure for the correction of errors and with the concurrence of the Bidder, shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected Bid Price, his Bid will be rejected, and the Bid Security shall be forfeited in accordance with Sub-Clause 19.6(b) hereof.

IB.32 Evaluation and Comparison of Bids

32.1 The Purchaser will evaluate and compare only the Bids determined to be substantially responsive in accordance with Clause IB.30.

32.2 In evaluating the Bids, the Purchaser will determine for each Bid the evaluated Bid Price by adjusting the Bid Price as follows:

(a) making any correction for errors pursuant to Clause IB.31;
(b) excluding Provisional Sums and the provision, if any, for contingencies; and
(c) making an appropriate adjustment for any other acceptable variation or deviation from specification or performance criteria

32.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in Bid evaluation.

32.4 If the Bid of the successful Bidder is seriously unbalanced in relation to the Purchaser's estimate of the cost of Goods to be delivered under the Contract, the Purchaser may require the Bidder to produce detailed price analyses for any or all items of the Price Schedules to demonstrate the internal consistency of those prices with the manufacturing methodology and schedule proposed. After evaluation of the price analyses, the Purchaser may require that the amount of the Performance Security set forth in Clause IB.37 be increased at the expense of the successful Bidder to a level sufficient to protect the Purchaser against financial loss in the event of default of the successful bidder under the Contract.

IB.33 Post Qualification of the Bidder

33.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive Bid is qualified to perform the Contract satisfactorily.

33.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder.

33.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the Bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.

F. AWARD OF CONTRACT

IB.34 Award

34.1 Subject to Clauses IB.35 and IB.39, the Purchaser will award the Contract to the Bidder whose bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid Price**,** provided that such Bidder has been determined to be eligible in accordance with the provisions of Clause IB.3 and qualify pursuant to Sub-Clause IB 33.2.

34.2 The Purchaser, at any stage of the bid evaluation, having credible reasons for or *prima facie* evidence of any defect in supplier's or contractor's capacities, may require the suppliers or contractors to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not:

Provided that such qualification shall only be laid down after recording reasons therefor in writing. They shall form part of the records of that bid evaluation report.

IB.35 Purchaser's Right to Accept any Bid and to Reject any or all Bids

35.1 Notwithstanding Clause IB.34, the Purchaser reserves the right to accept or reject any Bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected Bidders or any obligation except that the grounds for rejection of all bids shall upon request be communicated to any Bidder who submitted a bid, without justification of grounds. Rejection of all bids shall be notified to all Bidders promptly.

35.2 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods originally specified in Delivery and Completion Schedules, provided this does not exceed the percentages indicated in the Bidding Data, and without any change in the unit prices or other terms and conditions of the Bid and the Bidding Document.

IB.36 Notification of Award

36.1 Prior to expiration of the period of bid validity prescribed by the Purchaser, the Purchaser will notify the successful Bidder in writing ("Letter of Acceptance") that his Bid has been accepted. This letter shall name the sum which the Purchaser will pay the Contractor in consideration of the delivery of Goods by the Contractor as prescribed by the Contract (hereinafter and in the Conditions of Contract called the "Contract Price").

36.2 No Negotiation with the Bidder having evaluated as lowest responsive or any other Bidder shall be permitted, however, Purchaser may seek clarification in writing to clarify any item in the bid evaluation report; and response of the Bidder shall also be in writing.

36.3 The notification of award and its acceptance by the Bidder will constitute the formation of the Contract, binding the Purchaser and the Bidder till signing of the formal Contract Agreement.

36.3 Upon furnishing by the successful Bidder of a Performance Security, the Purchaser will promptly notify the other Bidders that their Bids have been unsuccessful and return their bid securities.

IB.37 Performance Security

37.1 The successful Bidder shall furnish to the Purchaser a Performance Security in the form and the amount stipulated in the Bidding Data and the Conditions of Contract within a period of 28 days after the receipt of Letter of Acceptance.

37.2 Failure of the successful Bidder to comply with the requirements of Sub-Clause IB.37.1 or Clauses IB.38 or IB.40 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.

IB.38 Signing of Contract Agreement

38.1 Within 14 days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Purchaser will send the successful Bidder the Contract Agreement in the form provided in the Bidding Documents, incorporating all agreements between the parties.

38.2 The formal Agreement between the Purchaser and the successful Bidder shall be executed within 14 days of the receipt of the Contract Agreement by the successful Bidder from the Purchaser.

IB.39 General Performance of the Bidders

The Purchaser reserves the right to obtain information regarding performance of the bidders on their previously awarded contracts. The Purchaser may in case of consistent poor performance of any Bidder as reported by the purchasers of the previously awarded contracts, interalia, reject his bid and proceed in accordance with Rule 19 of the Publi Procurement Rules 2004 to take such action as may be deemed appropriate under the circumstances of the case including black listing of such Bidder and debarring him from participation in future bidding for supply of Goods.

IB.40 Integrity Pact

The Bidder shall sign and stamp the Integrity Pact provided at Appendix-G to Bid in the Bidding Documents for all Federal Government procurement contracts exceeding Rupees ten million. Failure to provide such Integrity Pact shall make the bidder non-responsive.

IB.41 Instructions not Part of Contract

Bids shall be prepared and submitted in accordance with these Instructions which are provided to assist Bidders in preparing their bids, and do not constitute part of the Bid or the Contract Documents.

IB.42 Margin of Preference

Unless otherwise specified in the Bidding Data, no margin of preference shall apply.
[Domestic Preference shall be applicable in case of International Competitive Bidding as per policy of the government, in accordance with the procedure given in the Bidding Data.]

BIDDING
DATA

BIDDING DATA

Instructions to Bidders

Clause Reference

1.1 Name and address of the Purchaser & Summary of Engineering Goods to be procured:

Lahore Cantonment Board, List of the Engineering Good are attached as Aneexure "A"

1.7 The bidding is open to National/International [strike out which is not applicable] competition as per policy of the government

The bid is open to National as per Two Stage Two Envelop

2.1 Source of Funding:

30% Lahore Cantonment Board & 70% Walton Cantonment Board

8.1 Time limit for clarification:

15 Days

10.1 Bid language:

English

11.1 (b) Prequalification Information to be updated:

Indicate what items of information submitted with application for prequalification is to be updated. It may include: Evidence of access to financial resources, latest status of financial resources commitment for two years (including the current year). Contracts awarded during the interim period, availability of essential critical equipment and information about litigation presently in process.

11.1(c) Furnish Technical Proposal:

The bidder to submit a technical proposal in sufficient detail to demonstrate the adequacy of the bid meeting requirements for timely delivery of Goods i.e supply of Goods.

13.1 Currencies of Bid and Payment:

Bidders to quote entirely in Pak. rupees

18.1 Period of Bid Validity:

180 Days

19.1 Amount of Bid Security:

2% of the bid amount

21.1 Venue, time, and date of the pre-Bid meeting:

17-05-2019 at 11:30 am

22.4 Number of copies of the Bid to be completed and returned:

One original and Two copies

23.2(a) Purchaser's address for the purpose of Bid submission:

Lahore Cantonment Board Office, 42 Sarwar Road Lahore Cantt.

23.2(b) Name and Number of the Contract:

Cantonment Executive Officer, Contact 99223003

24.1(a) Deadline for submission of bids:

20-05-2019 before 1100 hrs bid will be open on the same day at 1130 hrs

27.1 Venue, time, and date of Bid opening:

Cantonment Board Office, 42 Sarwar Road Lahore Cantt. On 20-05-2019 at 1100 hrs bid will be opened the same day at 1130 hrs

35.2 Percentage increase or decrease shall not exceed 10%.

37.1 Standard form and amount of Performance Security acceptable to the Purchaser:

An amount equal to 10 percent of the Contract Price is commonly specified for AA rating bank guarantees, which %age should match with that stipulated in Appendix-A to Bid.

A performance bond is an undertaking by an insurance company to complete the construction in the event of default by the Contractor, or to pay the amount of bond to the Employer.

FORM OF BID
AND
APPENDICES TO BID

TECHNICAL BID PERFORMA

LIBRARY BOOKS

LIBRARY BOOKS

FORM TO BE COMPLETED BY THE BOOKS SUPPLIERS/VENDORS

List three Medical Colleges to whom you have supplied books:

Sr.#	Instituion Name	Year supplied	How many book supplied
1			
2			
3			
4			
5			

List Medical Colleges to whom you have supplied Medical Journals / magazine:

Sr.#	Instituion Name	Year supplied	No of Journals
1			
2			
3			
4			
5			

Your Company Name: _____

Your Company Address:_____

_____

Company Website:_____

Contact Person Details:

Name_____Designation_____Mobile_____

_____

Year of establishment:_____

Number of Your employees:_____

Are You sole distributor:_____

Are the books local edition or foreign edition: _____

Form of Bid

Date: _____

Bid Reference No. _____
(Name of Contract)

To:

_____
_____
_____

Gentleman,

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Document, including Addenda No.: _____;

(b) We offer to supply in conformity with the Bidding Document and in accordance with the Delivery and Completion Schedule, the following Goods _____

_____;

(c) The total price of our Bid, excluding any discounts offered in item (d) below is: _____
_____;

(d) The discounts offered and the methodology for their application are: _____
_____
_____
_____
_____;

(e) Our Bid shall be valid for a period of _____ days from the date fixed for the bid submission deadline in accordance with the Bidding Document, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our Bid is accepted, we commit to obtain a Performance Security in the amount of _____percent of the Contract Price for the due performance of the Contract;

(g) Our firm, including any subcontractors or suppliers for any part of the Contract, have nationalities from the following eligible countries _____;

(h) We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Document;

(i) Our firm, its affiliates or subsidiaries, including any subcontractors or suppliers for any part of the Contract, has not been declared ineligible by the Purchaser;

(j) The following commissions, gratuities, or fees have been paid or are to be paid with respect to the bidding process or execution of the Contract:

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate "none.")

(k) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed.

(l) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

(m) We agree to permit the Purchaser or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by the Bank.

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid for and on behalf of _____

Date _____

Witness:

Name: _____

Signature: _____

Address: _____

Occupation: _____

Appendix-A to Bid

NAME OF ELIGIBLE COUNTRIES

All countries of the World with whom Islamic Republic of Pakistan has commercial relations.

[The Bidders and the Goods from all eligible countries are accepted in case of International Competitive Bidding for which Domestic Preference shall be applicable as per policy of the government. However only national Bidders and domestic Goods are accepted in case of National Competitive Bidding for which Domestic Preference shall not be applicable.]

Appendix-B To Bid

FOREIGN CURRENCY REQUIREMENTS

1. The Bidder may indicate here in below his requirements of foreign currency (if any), with reference to various Goods.

2. Foreign Currency Requirement as percentage of the Bid Price excluding Provisional Sums _____%.

-NA-

3. Table of Exchange Rates

Unit of Currency	**Equivalent in Pak. Rupees**
Australian Dollar	----------
Euro	----------
Japanese Yen	----------
U.K. Pound	----------
U.S. Dollars	----------
----------	----------
----------	----------

Appendix-C to Bid

METHOD OF ASSURING QUALITY OF GOODS

[The Bidder is required to submit a narrative outlining the method of assuring quality of Goods. The narrative should indicate in detail and include but not be limited to:

1. Organization Chart indicating head office and field office personnel involved in quality assurance.

2. Mobilization in Pakistan, the type of facilities including personnel accommodation, office accommodation, provision for maintenance and for storage, communications, security and other services to be used.

3. The procedures for transportation of Goods to delivery site.]

LIST OF QUALITY CONTROL/LABORATORY EQUIPMENTS

[The Bidder will provide on Sheet 2 of this Appendix a list of all equipment and related items, under separate heading for items owned, to be purchased or to be arranged on lease by him to carry out the quality control tests. The information shall include make, type, capacity, and anticipated period of utilization for all equipment which shall be in sufficient detail to demonstrate fully that the equipment will meet all requirements of the Specifications.]

Appendix-D to Bid
Sheet 2 of 2

LIST OF QUALITY CONTROL/LABORATORY EQUIPMENTS

Owned Purchased or Leased	Description of Unit (Make, Model, Year)	Purpose of Utilization	Condition	Present Location or Source	Date of Availability	Period of Utilization
1	2	3	4	5	6	7
a. Owned						
b. To be Purchased						
c. To be arranged on Lease						

Appendix-E to Bid

LIST OF MANUFACTURERS / SUBCONTRACTORS

I/We intend to supply Goods form the following manufactures or engage the following subcontractors for supply of Goods. In my/our opinion, the manufacturers/ subcontractors named hereunder are reliable and competent to supply of Goods for which each is listed.

Enclosed are documentation outlining experience of manufacturers/subcontractors, the curriculum vitae and experience of their key personnel who will be assigned to the Contract, Goods to be supplied or transportation to be done, size, location and type of contracts performed in the past.

Description of Goods (Give Details)	**Manufacturers/Subcontractors (With Complete Address)**
1	**2**

Note:

In case, the Bidder is itself either manufacturer or transporter or both, the above table should be filled and requisite documentation be submitted accordingly.

Appendix-F to Bid

ORGANIZATION CHART
FOR THE
SUPERVISORY STAFF AND LABOUR

[The Bidder shall provide organization charts for: (a) procurement of Goods from its source, (b) transportation of Goods from source (Ware House) to delivery point, and (c) the staff to deal with the contractual and other related matters with the Purchaser]

Appendix-G to Bid

(INTEGRITY PACT)

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS. 10.00 MILLION OR MORE

Contract No._____ Dated _____
Contract Value: *[To be filled in at the time of signing of Contract]*
Contract Title: _____

…… [name of Supplier] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan (GoP) or any administrative subdivision or agency thereof or any other entity owned or controlled by GoP through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Supplier] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

[name of Supplier] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[name of Supplier] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.

Notwithstanding any rights and remedies exercised by GoP in this regard, [name of Supplier] agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.

Name of Buyer: ……	Name of Seller/Supplier: ……
Signature: ……	Signature: ……
[Seal]	**[Seal]**

SCHEDULES TO BID

Schedule-A

Price Schedule for Goods
to be offered from within the Purchaser's country

Note: Attach as Annexure "B" BOQ

Name of Bidder _____ Bid Reference Number _____Page ___ of ___

1	2	3	4	5	6	7	8	9
Item	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per Item	Sales and Other Taxes Per Item	Total Price per Item including Taxes
						5 x 6		**7 + 8**
					Total Amount			

Notes:

Column 4: In accordance with margin of preference ITB Clause 42, applicable only in case of International Competitive Bidding. Domestic Value Added comprises domestic labor, the domestic content of materials, domestic overheads and profits from the stage of mining the raw material until final assembly.

Column 6: Currency in accordance with ITB Clause 13
Price shall include all customs duties and sales and other taxes already paid or payable on the components and raw materials used in the manufacture or assembly of the item or the custom duties and sales and other taxes already paid on previously imported items.

Column 8: Payable in the Purchaser's country if Contract is awarded

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid for and on behalf of _____

Date _____

Schedule-B

Price Schedule for Goods
to be offered from outside the Purchaser's country

Note: Attach as Annexure "B" BOQ

Name of Bidder _____ Bid Reference Number _____Page ___ of ___

1	2	3	4	5	6	7	8
Item	Description	Country of Origin	Quantity and Unit of Measurement	Unit Price CIF	Total CIF Price per Item	Customs, Sales and other Taxes per Item	Total Price per Item including Customs and Taxes
					4 x 5		**6+7**
					Total Amount		

Notes:

Column 5 and 6 : Currency in accordance with ITB Clause 13

Column 6: Only to be used if the Purchaser wishes to reserve transportation and insurance to domestic companies or other designated sources. Identification of the lowest evaluated bid must be on the basis of the CIF or CIP price, but the Purchaser may sign the contract on FOB or FCA terms and make its own arrangement for transportation and/or insurance.

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid for and on behalf of _____

Date _____

FINANCIAL
BID PERFORMA

Annexure "B"

LIBRARY BOOKS

ANATOMY

Sr#	Book Name	Author	Qty	Rate	Amount
1	Hand Book of General Anatomy	BD Chaurasia	30		
2	Last's Anatomy Regional & Applied	Sinnatam Chummy	30		
3	General Anatomy and Musculoskeletal System THIEME Atlas of Anatomy	Ross Lawrence M	1		
4	Neck and Internal Organs THIEME Atlas of Anatomy	Ross Lawrence M	1		
5	Anatomy A Regional Atlas of the Human Body	Clemen Carmine D	10		
6	Grant's Atlas of Anatomy	Agur Apar	10		
7	Gray's Dissection Guide for Human Anatomy	Mrton David	10		
8	Gray's Anatomy The Anatomical Basis of Clinical Practice	Standring Susan	10		
9	Gray's Anatomy for Students	Drake Richard	10		
10	Essential Anatomy Dissector following grant's Method	Hansen Hohn	30		
11	Clinical Anatomy and Management of Cervical Spine Pain	Giles LGF	1		
12	Anatomy and Physiology Paramedic	Eling	1		
13	Pretest Anatomy Histology and cell Biology	Klein Robert	1		
14	Clinical Oriented Anatomy	Moore Keith L	30		
15	Clinical Anatomy by Region	Snell Richard S	1		
16	Clinical Anatomy by Region	Snell Richard S	1		
17	USMLE Step 1 Lecture Notes Anatomy	Kaplan	30		
18	Clinical Anatomy for medical student	Snell Richard S	30		

19	Clinical Neuroanatomy	Snell Richard S	1		
20	Textbook of Neuroanatomy	Singh Vishram	1		
21	Correlative Neuroanatomy	Waxman tephen G	1		
22	Essential Anatomy Dissector following Grants method	Hansen John	1		
23	Surface Anatomy The Anatomical Basis of Clinical Examination	Lumley John	1		
24	General Anatomy	Laiq Hussain	30		
25	BD Chaurasia's Human Anatomy Upper Limb & Thorax Voll 1	BD Chaurasia	30		
26	BD Chaurasia's Human Anatomy Lower Limb Abdomen & Pelvis Voll 2	BD Chaurasia	30		
27	BD Chaurasia's Human Anatomy Regional and Applied Dissection and Clinical Head Neck & Brain Voll 3	BD Chaurasia	1		
28	Cunningham's Manual of Practical Anatomy Voll 1	Romanes, G. J.	30		
29	Cunningham's Manual of Practical Anatomy Voll 2	Romanes, G. J.	30		
30	Cunningham's Manual of Practical Anatomy Voll 3	Romanes, G. J.	30		
31	The Developing Human Clinical Oriented Embryology	Moore Keith	30		
32	Clinical Anatomy by Region	Snell Richard S	30		
33	Atlas of Human Anatomy	Netter	10		
34	T/B of Anatomy Voll 1	Singh	1		
35	T/B of Anatomy Voll 2	Singh	1		
36	T/B of Anatomy Voll 3	Singh	1		
37	Essential of Human Anatomy	Marieb	1		
38	Anatomy & Physiology	Clark	1		
39	Anatomy of Head Neck & Brain	Singh	1		
40	Grant’s Dissector of Anatomy	Tank Patrick	1		
41	Illustrated T/B of Neuroanatomy	Pall GP	1		
42	Cross Sectional Anatomy CT &	Chavhan	1		

	MRI				
43	Dissection Guide for Human Anatomy	Morton	1		
44	Human Anatomy	Mcfoinley	1		
45	Text book of Microscopic Anatomy	Arbar Abdul Wadood	10		
46	General Anatomy	Laiq Hussain Siddique	10		
47	Medical Histology	Laiq Hussain Siddique	10		
48	Human Embryology	Laiq Hussain Siddique	10		
49	Anatomy MCQ with explinations Vol-I	Meesam Iftikhar	10		
50	Anatomy MCQ with explinations Vol-II	Meesam Iftikhar	10		
51	Guideline of Gross Anatomy	Wajid Hussain Barki	10		
52	Clinicaly Oriented Anatomy	Keith Moore	10		
53	MISC (Any other latest Book of the subject recommended by PMDC or University)				

Biochemistry

S.No	Book Name	Author	Qty	Rate per item	Total amount
1.	Harpers Illustrated Biochemistry	Robert – K - Murray	30		
2.	Lippincott Biochemistry	Dennis R Ferrier	30		
3.	Chatterjee Biochemistry	Chatterjee	30		
4.	Stryer Biochemistry	Lubert Stryer	10		
5.	MRS Biochemistry	Stephen Goldberg	1		
6.	Instant Biochemistry	Faiq Ahmad	30		
7.	Essential Biochemistry	Farhat Bano	30		
8.	Hashmi text Book of Medical Biochemistry Vol 1	M A Hashmi	30		

9.	Hashmi text Book of Medical Biochemistry Vol 2	M A Hashmi	30		
10.	Hashmi Medical Biochemistry MCQ	M A Hashmi	30		
11.	Comprehensive MCQ in Biochemistry	M. Nauman Shad	30		
12.	Practical Clinical Biochemistry	Varley	10		
13.	Textbook of Biochemistry	Devlin	10		
14.	Lippincott's Illustrated Review of Biochemistry	Pamela C. Champe and Richard A. Harvey	10		
15.	MISC (Any other latest Book of the subject recommended by PMDC or University)				

ANESTHESIA

Sr#	Book Name	Author	Qty	Rate	Amount
1	Anesthesia Secrets	Duke James	1		
2	Lee's Synopsis Of Anesthesia	Davis N.J.H	1		
3	Text Book Of Anesthesia	Alan R Aitkenhead	1		
4	Clinical Anesthesiology	G Edward Morgan Jr	1		
5	General Anesthesia	J.F.Nun	1		
6	Handbook of Clinical Anesthesia	Pollard	1		
7	A Practical Approach to anesthesia For Emergency Surgery	Gandhi	1		
8	Objective Anesthesia Review	Kultarni	1		
9	A Synopsis of Anesthesia	J. Alfred Lee	1		
10	MISC (Any other latest Book of the subject recommended by PMDC or University)				

ORTHOPEDICS

Sr#	Book Name	Author	Qty	Rate	Amount
1	Text Book Of Orthopedics	John Ebhnezar	1		
2	Examination of Orthopedics Athletic Injuries	Starkey	1		
3	First aid & Emergency Management in Orthopedic Injuries	Dhillon	1		
4	Essential of Orthopedics & Trauma	Dandy	1		
5	Essentials of Orthopedic and Applied Physiotherapy	Joshi	1		
6	Clinical Orthopedic Diagnosis	Pandey	1		
7	Essentials of Orthopedic and Applied Physiotherapy	Joshi	1		
8	OrthopedicSecrets	Brown	1		
9	MISC (Any other latest Book of the subject recommended by PMDC or University)				

FORENSIC MEDICINE

Sr#	Book Name	Author	Qty	Rate	Amount
1	Principles and Practice of Forensic Medicine	Nasib R. Awan	30		
2	Parikh's Textbook of Medical Jurisprudence, Forensic Medicine and Toxicology for classrooms	Parikh Dr. C.K	1		
3	Textbook of Forensic Medicine & Toxicology	Siddiq Hussain	10		
4	Smart Study Series Forensic Medicine & Toxicology	Aggarwal	1		
5	Consise textbook of Forensic Medicine & Toxicology	Sharma RK	1		
6	Simpson's Forensic Medicine B. Knight, Edward Arnold	Shepherd Richard B. Knight	1		
7	Forensic Medicine Toxicology and medical Jurisprudence Simplified & New Look	Subrahmanyam	1		
8	Practical Forensic Medicine	Rao nageshkumar	1		

9	Textbook of Forensic Medicine and Toxicology Principles and Practice	Vij Krishan	1		
10	Principles of Forensic Medicine Include Toxicology	Nandy Apurba	1		
11	Buchanan Textbook of F. Medicine & Toxicoloys	Buchanan	1		
12	Principles of Forensic Medicine	Bardale	1		
13	Basic of Forensic Medicine	Syed M. Aizaz Ali	10		
14	Forensic Medicine & Toxicology MCQ	Niaz Baluch	10		
15	MISC (Any other latest Book of the subject recommended by PMDC or University)				

GYNAECOLOGY

Sr#	Book Name	Author	Qty	Rate	Amount
1	Textbook of Gynaecology	Rashid Latif Khan	30		
2	Jeffcott's Principles of Gynaecology	Kumar	1		
3	Gynaecology by Ten Teachers	Monga ASH	1		
4	Obstetrics by Ten Teachers	Baker Philip	30		
5	Hacker and Moore's Essentials of Obstetrics and Gynecology	Hacker Neville	1		
6	Fundamentals of Gynaecology	Arshad Chohan	30		
7	Fundamentals of Obstetrics	Arshad Chohan	30		
8	High Risk Pregnancy Management Options	James David	1		
9	Williams Obstetrics	Cunningham Gary	1		
10	Shaw's textbook of Opertive Gynaecology	Hudson	1		
11	Normal Value in Pregnancy	Ramsay	1		
12	Principles and Practice of Critical Care in Obstetrics	Bhattacharya	1		
13	Neonatology Management, Procedures, On call Problems, Diseases and Drugs	Gomella Trica	1		
14	Progress in Obstetrics and Gynaecology	Studd John	1		
15	Obstetrics Illustrated	Hanretty Kevin	1		

16	Ob/ Gyn Secrets	Bader Thomas	1		
17	Master Medicine Obstetrics and Gynaecology A Core Text with Self Assessment	McCarthy Andrew	1		
18	Problem Based Obstetrics and Gynaecology	Greer Ian	1		
19	Dewhurst's Textbook of Obstetrics & Gynaecology	Edmonds Keith	1		
20	Textbook of Obstetrics	Raju Ramakrishnam	1		
21	RPG Series Obstetrics and Gynaecology Buster	Sharma Dharmendra	1		
22	Controversies in Obstetrics Gynecology & Infertility	Kirplani	1		
23	Mastering Practical Obstetrics & Gynecology	Sood	1		
24	Manual of Obstetric	Daftary	1		
25	T/B of Obstetric	Dutta	1		
26	Hand Book of Obstetrics and Gynecology Emergencies	Benrubi	1		
27	Hypertensive Disorder in Pregnancy	Shah	1		
28	Obstetrics and Gynecology Secrets	Bader	1		
29	Essential of Gynecology	Arulkumaran	1		
30	Beside Obstetrics Gynecology	Szxena	1		
31	Obstetrics and Gynecology Your Clerkship and self exam Companion	Bensonn	1		
32	High Risks Pregnancy	James	1		
33	Pregnancy at Risk	Krishna	1		
34	Dewhurst' Textbook of Obstetrics & Gynecology	Emonds	1		
35	Women's Gynecologic Health	Schulling	1		
36	MISC (Any other latest Book of the subject recommended by PMDC or University)				

HISTOLOGY

Sr#	Book Name	Author	Qty	Rate	Amount
1	Pretest Anatomy Histology and cell Biology	Klein Robert	1		
2	Wheather's Functional Histology, A Text and Colour atlas	Young Barbara	1		
3	Junqueria's Basic Histology	Mescher Anthony L	10		
4	Diflore's Atlas of Histology with Functional Correlations	Eroschenko Victor P	1		
5	Histology A text and Atlas with Correlated Cell and Molecuular Biology	Ross Michael H	1		
6	Medical Histology	Laiq Hussain	30		
7	Theory & Practical Histological Techniques	Bancroft John	1		
8	Kadasne's T/B of Embryology	Kadasne	1		
9	Langman Medical Embryology	Sadler	30		
10	Histology A Text & Atlas	Ross	1		
11	Introduction to functional Histology	Telforf	1		
12	MISC (Any other latest Book of the subject recommended by PMDC or University)				

ISLAMIC STUDY

Sr#	Book Name	Author	Qty	Rate	Amount
1	Quran aur Tameer e Seerat	Meer Wali ul Din	30		
2	Islam aik Nazar Main	Molana Sadr ur Din	1		
3	The Struggle for Pakistan	Ishtiaq Hussain	30		
4	Islam Its Meaning and Message	Khurshid Ahmad	10		
5	Maa Ki Shan	Khawaja Muhammad Islam	1		
6	Narratives Of Prophets	Khawaja Muhammad Islam	1		
7	The Life And Times Of Muhammad Rasul Allah	Tarik Jan	10		
8	MISC (Any other latest Book of the subject recommended by				

	PMDC or University)				

MEDICINE

Sr#	Book Name	Author	Qty	Rate	Amount
1	Hutchison's Clinical Methods an Integrated Approach to Clinical practice	Swash michael	1		
2	Macleod's Clinical Examination	Graham	1		
3	Kumar & Clark Clinical Medicine	Kumar Parveen	1		
4	Davidson's Principles and Practice of Medicine	Colledge Nicki	30		
5	Rosen's Emergency Medicine Concept and Clinical Practice Voll 1,2,3	Marx	1		
6	ABC of Dermatology	Buston Paul	1		
7	The ECG Made Easy	Hampton John	1		
8	Manual of Respiratory Medicine	Singh Hira	1		
9	Current Diagnosis & treatment in Infectious Diseases	Wilson Walter	30		
10	Current medical Diagnosis & Treatment	Mcphee Stephen	1		
11	Chamberlain's Symptoms and Signs in Clinical medicine	Ogilvie Colin	1		
12	Textbook of Pulmonary Medicine Voll 1	Behera D	1		
13	The complete Family Medicine Book	Dandiya PC	1		
14	Bates Guide to Physical Examination and History Taking	Bickley Lynn	1		
15	Current Diagnosis & treatment in Infectious Diseases	Wilson Walter	1		
16	Mosby's Comprehensive Review of Radiography	Callaway	1		
17	Emery's Elements of Medical Genetics	turnpenny Peter	1		
18	Clinical Sonography A Practical Guide	Sanders Roger	1		
19	Textbook of Pulmonary Medicine	joshi Jyotsna	1		
20	Atlas of AIDS	friedman Kien	1		
21	Cardiology	Julian Desmond	1		

22	Harrison's Principles of Internal Medicine	Kasper Dennis	30		
23	Essentials of Diagnosis & Treatment in Cardiology	Michael	1		
24	Manual of Cardiovascular medicine	Griffin Brain	1		
25	Manual of Nephrology	Schrier Robert	1		
26	Dermatology SECRETS in Color	Fitzpatrick	1		
27	Hot Topics Diabetes	Colwell John	1		
28	Davidson's Essential Of Medicine	Innes Alastair	1		
29	Oxford Hand Book Of Endocrinology And Diabetes	Turne E. Helen	1		
30	Oxford Handbook of Clinical Medicine	Longmor	1		
31	Oxford Handbook of Emergency Medicine	Wyatt JP	1		
32	Annual Book of ASTM Standards, Medical Devices & Services	Mayer Vernice	1		
33	Hutchison's Clinical Methods an Integrated Approach to Clinical practice	Glynn	10		
34	Kumar & Clark Clinical Medicine	Kumar Parveen	10		
35	Manual of Neonatal care	Cloherty	1		
36	Integrative medicine principles for Practice	Kliglen	1		
37	Clinical Medicine	Das	1		
38	Self Assessment & Review medicine	Khanna	1		
39	Harrison’s Manual of Medicine	Lango	1		
40	A Manual of dermatology	Zohra	1		
41	H/B of Kidney	Dancvitch	1		
42	Medicine Recall	Begin	1		
43	Manual of Vascular	Rampalan	1		
44	Pretest Neurology	Anschel	1		
45	Braunwald’s Heart	Braunwald	1		
46	Heart Diseases a T/B of Cardiovascular Medicine	Bonow	1		
47	Mavson’s Tropical Diseases	Cook	1		
48	Chamberlain’s Symptoms &	Arnold	1		

	Signs Clinical Medicine				
49	T/B of Critical Care	Fink	1		
50	The ICU Book	Marino	1		
51	The Washington Manual of outpatic internal Medicine	Dedor	1		
52	Current medical Diagnosis & Treatment Emergency Medicine	Stone	1		
53	ECG in Medical Practice	Abdullah	1		
54	Cardiology Word Round	Shafiq	1		
56	Manual of Dermatology	Arndt	1		
57	The Washington Manual of oncology	Govindan	1		
58	Essential of Tuberculosis	Seith	1		
59	Hospital Medicine Secrets	Glasheen	1		
60	100 Cases in Clinical Medicine	Rees	1		
61	Husth's the heart Voll 1,2,	Fuster	1		
62	Harrison's Principles of Internal Medicine Voll 1,2	Lango	10		
63	MISC (Any other latest Book of the subject recommended by PMDC or University)				

MICROBIOLOGY

Sr#	Book Name	Author	Qty	Rate	Amount
1	Review Of Medical Microbiology And Immunology	Levinson Warren	1		
2	Jawetz,Melnick & Adelberg's Medical Microbiology	Brooks Geo.F	10		
3	MCQs And SAQs In Microbiology	Pichara Asha	1		
4	Instant Notes Microbiology	Nicklin.J	1		
5	Bailey & Scott's Diagnostic Microbiology	Forbes Betty.A	1		
6	Color Atlas Of Hematology	Theml Harald	1		
7	Wintrobe's Clinical Hematology Voll 1 & 2	Greer	1		
8	Microbiology an Introduction	Tortora	1		
9	Alcamo's Fundamentals of Microbiology	Pommerville	1		
10	Immunology	Male David	1		

11	Basic Immunology	Abbass	10		
12	Immunology	Hannigan	1		
13	The Elements of Immunology	Fahim	10		
14	MISC (Any other latest Book of the subject recommended by PMDC or University)				

OPHTHALMOLOGY

Sr#	Book Name	Author	Qty	Rate	Amount
1	Clinical Ophthalmology A Systematic Approach	Kanski Jack J	1		
2	Ophthalmology Secrets In Colors	Vanders James F	1		
3	Parson's Diseases Of The Eye	Sihota Ramanj,T	1		
4	Basic Ophthalmology	Jogi Renu	1		
5	Clinical Ophthalmology	Shafi M. Jatoi	30		
6	Pocket Atlas Of Ophthalmology	Schlote Torsten	1		
7	Clinical Ophthalmology A Systematic Approach	Kanski Jack J	1		
8	Clinical Ophthalmology	Shafi M. Jatoi	1		
9	Clinical Anatomy of the Eye	Snell	1		
10	Comprehensive Ophthalmology	Khurana	1		
11	Duke Elder's Practice of Refraction	Abrams	1		
12	Lecture Notes Ophthalmology	James	1		
13	Surgical Techniques in Ophthalmology	Elena	1		
14	Clinical Ophthalmology Medical & Surgical Approach	Saxena	1		
15	Clinical Ophthalmology A Systematic Approach	Kanski	1		
16	MISC (Any other latest Book of the subject recommended by PMDC or University)				

OTOLARYNGOLOGY

Sr#	Book Name	Author	Qty	Rate	Amount
1	Diseases of Ear Nose & Throat	Dhingra PL	1		

2	Text Book of Ear Nose & Throat	M.Latif Gani	30		
3	ENT Ear Nose Throat Head & Neck	Masud	30		
4	Logan Turner's Diseases of Ear Nose & Throat	Maran A.G.D	1		
5	ENT Secrets	Jafek	1		
6	Otolaryngology basic Science And Clinical Reviews	Van De Water Thomas	1		
7	Oxford Hand Book Of ENT And Head & Neck Surgery	Corbridge Rogan	1		
8	Current Diagnosis& Treatment in Otolaryngology Head nad Neck Surgery	Calwani Anil K	1		
9	Multiple Choice Questions In ENT	Dhingra PL	1		
10	Text Book Of Fractures and dislocations	Malhotra Rajesh	1		
11	Oxford Hand book of ENT	Prescott			
12	MISC (Any other latest Book of the subject recommended by PMDC or University)				

PEDIATRIC

Sr#	Book Name	Author	Qty	Rate	Amount
1	Nelson Essential of Pediatric	Kliegman Robert	30		
2	Illustrated Textbook of Pediatric	Ussauer Tom	1		
3	Nelson Textbook of Pediatric	Kliegman Robert	30		
4	Manual of Neonatal Case	Cloherty John W	1		
5	Neonatology, Management procedures, Diseases And Drugs	Gomella Tricia Lacy	1		
6	Pediatric Drug Doses Practical pathology	Grover JK	1		
7	Atlas of Pediatric Physical Diagnosis	Zitelli Basil J	1		
8	Pediatric Problems In Pakistan	Iqbal Ahmed	30		
9	Fetal & Neonatal Seartes Questions You Will Be Asked	Polin Richerd A	1		
10	Harriet Lane Hand book of Pediatric	Custer	1		

11	Blueprint Pediatric	Marino	1		
12	Pearls in Clinical Pediatric	Magon	1		
13	LAP T/B of Pediatric	Praveen	1		
14	Pediatric Nutrition H/B	Kleinman	1		
15	Basis of Pediatrics (textbook)	Pervez Akber	30		
16	The Washington Manual of Pediatric	Duesbery	1		
17	Manual of Pediatric theraputies	Graef	1		
18	Clinical Pediatric History Taking	Lakshmanasway	1		
19	Pediatric Emergency Medicine	Strange	1		
20	Current Diagnosis and treatment pediatric	Hay	1		
21	Clinical Manual of Emergency Pediatric	Crain	1		
22	Pediatric Recall	Mcoahren	1		
23	Clinical Methods in Pediatrics	Gupta	1		
24	Practical Pediatric Haematolgy	Sachdeva	1		
25	Rogers' H/B of Pediatrics intensive care	Helfaer	1		
26	Parthas's Fundamental fp Pediatrics	Parthasthy	1		
27	Pretest Pediatrics	Yetman	1		
28	MISC (Any other latest Book of the subject recommended by PMDC or University)				

PATHOLOGY

Sr#	Book Name	Author	Qty	Rate	Amount
1	Robbins And Cotran Pathology Basis Of Disease	Kumar Vinay	30		
2	Robbins Basic Pathology	Kumar Vinay	30		
3	Pathology Illustrated	Reid Roberts	1		
4	Walter and Israel General Pathology	Walter JB	30		
5	Robbins and Cotran Atlas of Pathology	Klatt Edward C	10		
6	RPG Series Pathology and Microbiology Buster with High Yield Facts	Sharma	1		

7	Rapid Review Pathology	Goljan Edward	1		
8	Wheater's Basic Pathology A Text Atlas and Review of Histopathology	Young Barbara	1		
9	Practical Pathology	Joshi	1		
10	Clinical Pathology Interpretations	Nagi H.A	30		
11	General And Systematic Pathology	Underwood JCE	1		
12	District Laboratory Practice In Tropical Countries	Monica	1		
13	Medical Laboratory Technology methods	Sood	1		
14	A Manual of Laboratory & Diagnostic Test	Fischbach	1		
15	Dacie & Lewis Practical Haematology	Dacie & Lewis	1		
16	T/ B of Pathology	Mohan	1		
17	Pathology Quick Review & MCQs	Mohan	1		
18	Core Pathology	Stevens Alan	1		
19	Robbins & Cortan Atlas of Pathology	Klatt	1		
20	Essential in Hematology & Clinical Pathology	Nayak	1		
21	Pathology Concepts & Applications	Nowak	1		
22	Questions & Answers in Pathology	Ashraf Mohammad	1		
23	Pre Test Pathology	Brown Earl J	1		
24	Pathology Secrets	Damjandov	1		
25	Hematology for Students & Practitioners	Sood	1		
26	Medical Genetics	Jorde	1		
27	MISC (Any other latest Book of the subject recommended by PMDC or University)				

PATHOPHYSIOLOGY

Sr#	Book Name	Author	Qty	Rate	Amount
1	Exercise Physiology Study Guide	katch Victor L	1		
2	Textbook of Internal Medicine	Kelley William	1		
3	Handbook of Sign & Symptoms	Springhouse	1		
4	The Trauma manual	Peitzman Andrew	1		
5	Clinical Hypertension	Kaplan Norman	1		
6	Respiratory Infections Diagnosis and Management	Pennington James	1		
7	IV therapy made Incredibly Easy	Springhouse	1		
8	Essential Anatomy Dissector folllowing Grants method	Hansen John	1		
9	Synopsis of Pediatric Emergency Medicine	Fleisher Gary	1		
10	Practical Neurology	Biller Jose	1		
11	Endocrine Pathophysiology	Kettyli William.M	1		
12	MISC (Any other latest Book of the subject recommended by PMDC or University)				

PHARMACOLOGY

Sr#	Book Name	Author	Qty	Rate	Amount
1	Multiauthor Textbook of Pharmacology and Therapeutics Voll2	Masood Cheema	30		
2	Deja Review Pharmacology	Young Jason	1		
3	Pretest Pharmacology Self Assessment & Review	Shalafer Marshal	1		
4	MCQs in Pharmacology	Bhugra Praveen	1		

5	Basic & Clinical Pharmacology	Katzung Bertram	1		
6	Lippincott's Illustrated Reviews Pharmacology	Finkel Richard	1		
7	Color Atlas of Pharmacology Revised and expanded	Lullmann Heinz	1		
8	Clinical Pharmacology	Bennett PN	1		
9	Netter's Illustrated pharmacology	Raffa Robert B	1		
10	Pharmacology Principles & Applications	Fulcher Eugenia	1		
11	Katzung & Trevor's Pharmacology Examination & Board Review	Katzung & Trevor's	10		
12	MCQs in Clinical Pharmacy	Azzopardi Lilian	1		
13	Basic & Clinical Pharmacology	katzung	30		
14	Lippincott's Illustrated Reviews Pharmacology	Harvey Richard	10		
15	Modern Pharmacology with Clinical Applications	Charles	1		
16	Essentials of Pharmacology Basis Principles & General Concepts	Sharman	1		
17	Pharmacology	Bhattacharya Sen	1		
18	Katzung & Trevor's Pharmacology Examination & Board Review	Trevor	1		
19	Popalzai Pharmacology	Abdul Jalil Popalzai	10		
20	Learning Pharmacology from Nauman MCQ	M. Nauman Shad	10		
21	Essential of Pharmacology	Shah Nawaz	10		

19	MISC (Any other latest Book of the subject recommended by PMDC or University)				

PHYSIOLOGY

Sr#	Book Name	Author	Qty	Rate	Amount
1	Essentials of Medical Physiology Voll 1	Mushtaq Ahmad	30		
2	Essentials of Medical Physiology Voll 2	Mushtaq Ahmad	30		
3	Basis of Clinical Physiology Voll 1	Muhammad Akram	10		
4	Basis of Clinical Physiology Voll 2	Muhammad Akram	10		
5	Text Book of Medical Physiology	Guyton & Hall	30		
6	Color Atlas of Physiology	Despopoulos A	1		
7	Smart Study Series Physiology	Nalgirkar Vivek	1		
8	Pocket Companion Guyton's Medial Physiology	Hall John E	1		
9	Pre test Physiology Self Assessment And Review	Meeting Patricia J	1		
10	Netter's Atlas of Human Physiology	Hansen John T	10		
11	Prep Manual for Undergraduates Physiology	Joshi Vijaya D	10		
12	Vander's Human Physiology The Mechanisms of Body Function	Widmaier Eric P	1		
13	Human Physiology	Petersen Ole H	1		
14	Human Physiology	Fox Stuart Ira	1		
15	Human Physiology from cells to	Sherwood	1		

	systems				
16	Study Guide for Human Physiology from cells to systems	Sherwood	1		
17	Respiratory Physiology	Cloutier Michelle M	1		
18	Rapid Review Physiology	Brown Thomas A	1		
19	Crash Course Physiology	Muhammad Shahid	10		
20	Human Physiology The Basis of Medicine	Pocock & Richards	1		
21	Human Physiology from Cell to System	Harley P john	1		
22	Berne & Levy Physiology	Koeppen Bruce M	1		
23	Ganong's Review of Medical Physiology	Barrett Kim E	30		
24	Guyton & Hall Physiology Review	Hall & Guyton	1		
25	Respiratory Physiology the Essentials	West John B	1		
26	Experimental Physiology Manual	Zafar Ali Ch	1		
27	MCQS Human Physiology Basic And Applied	Tandon	1		
28	MCQS In Human Physiology	Holmes Oliver	1		
29	Objective practical Examination in Physiology	Mahajan Aarti	1		
30	Essential of Medical Physiology	Khurana Indu	1		
31	Berne and Levy Physiology	Koeppen	1		
32	Text Book of Medical Physiology	Guyton & Hall	30		
33	Medical Physiology A Systems Approach	Raff	1		
34	Human Physiology & Intergraded	Silver thorn	1		

	Approach				
35	Principles of Human Physiology	Sherwood	1		
36	Medical Physiology for Undergraduates Students	Khurana	1		
37	T/B of Medical Physiology	Khurana	1		
38	T/ B of Human Physiology	Singh	1		
39	Essential of Medical Physiology	Sambulingar	1		
40	Human Physiology	M. Yousad Abru	10		
41	Human Physiology MCQ	M. Yousad Abru	10		
42	Meo's Human Physiology	Sultan Ayub Meo	10		
40	MISC (Any other latest Book of the subject recommended by PMDC or University)				

PSYCHIATRY

Sr#	Book Name	Author	Qty	Rate	Amount
1	Kaplan & Sadocks's Concise Textbook of Clinical Psychoatry	James Benjamin	1		
2	Pretest Psychiatry Self Assessment and Review	Mancini Giulia	1		
3	A Handbook of Behaviouural Sciences for Medical & Dental Students	Mowadat Hussain Rana	30		
4	Pretest Psychiatry	Claman	1		
5	Pocket Handbook of Psychiatric Drug Treatment	Sadock	1		
6	Psychiatry an Illustrated color Text	Sevens	1		
7	Essential of Psychiatry	Bhatia	1		
8	MISC (Any other latest Book of the subject recommended by PMDC or University)				

COMMUNITY MEDICINE

Sr#	Book Name	Author	Qty	Rate	Amount
1	Park's Textbook of Preventive and Social Medicine	K.Park	1		
2	Foundations Of Community Medicine	Dhaar GM	1		
3	Principles And Practics Of Community Medicine	Asma Rahim	1		
4	Smart Study Series Community Medicine	Saxena B Deepak	1		
5	Preventive And Social Medicine	Mathur S J	1		
6	Public Health And Community Medicine	Mohamed Iliyas	30		
7	Oxford Textbook Of Public Health Voll 1	Detels Roger	1		
8	Oxford Textbook Of Public Health Voll 2	Detels Roger	1		
9	Oxford Textbook Of Public Health Voll 3	Detels Roger	1		
10	Statistics	Murry	1		
11	T/ B of Community Medicine	Roy	1		
12	Great Wealth poor Health	Farrell	1		
13	Teaching Strategies for Health Education & Health Promotion	Lowenstein	1		
14	Essential Readings in Health Policy & Law	Teitelbaum	1		
15	Community Based heath Interventions	Guttmacher	1		
16	Qualitative Methods in Public Health	Ulin	1		
17	Essentials of Global Community Health	Gofin	1		
18	Public Health 101 Healthy peoples healthy populations	Riegelman	1		
19	Essentials of Community Medicine Practical	Mahabalaraju	1		
20	Foundations of Community Medicine	Dhaar	1		
21	Hunter's Diseases of Occupations	Daxter	1		
22	Text book of Community Medicine & public Health	Saira Afzal, Sabeena Jalal	10		

23	MISC (Any other latest Book of the subject recommended by PMDC or University)				

RADIOLOGY

Sr#	Book Name	Author	Qty	Rate	Amount
1	Echo Made Easy	Luthra Atul	1		
2	Echo Made Easy	Kaddoura Sam	1		
3	AIDS To Radiological Differential Diagnosis	Davis G Stephen	1		
4	Accident & Emergency Radiology A Survival Guide	Raby Nigel	1		
5	Diagnistic Imaging	Armstrong Peter	1		
6	MCQs Clinical Radiology	Rahiah Prabhakar	1		
7	CLARK'S POSITIONING RADIOGRAPHY 12th Edition	Whitley Stewart A	1		
8	Diagnostic Ultrasound 4th ed	Rumack	1		
9	Differential Diagnosis in Abdominal Ultrasound	Bisset RAL	1		
10	Aids to Radiological Differential Diagnosis 5th ed	Davies Stephen G, Chapwan	10		
11	MRI of The Whole Body	Mankad KshitiJ	1		
12	Whole Body CT Scan	Hagga	1		
13	CT Abdomen A patient Approach	Karthikeyan	1		
14	Diagnostic Radiology	Gupta	1		
15	The Chest and X-ray A Survival Guide	Lacey	1		
16	Hand book of Interventional Radiology Procedures	Kandarpa	1		
17	Body CT Secrets	Strang	1		
18	Text book of Color Popular Imaging	Bhargava	1		
19	Uroradiology Text and Atlas	Bakle	1		
20	MISC (Any other latest Book of the subject recommended by PMDC or University)				

SURGERY

Sr#	Book Name	Author	Qty	Rate	Amount
	Text book of surgery	Ijaz Ahsan	30		
1	Bailey & Love's Short Practice of Surgery	Williams Norman	1		
2	The Washington Manual of Surgery	Klingensmith	1		
3	Manipal Manual of Surgery	Shenoy Rajgopal	1		
4	Hamilton Bailey's Emergency Surgery	Ellis Brain	1		
5	RPG Series Surgery Buster with High Yield Facts	Sharma	1		
6	Atlas of General Surgery	Carter David	1		
7	Schwartz's Principles of Surgery	Brunicardi	1		
8	Mastery of Surgery	Fischer Josef	1		
9	Sabiston Textbook of Surgery	Townsed	1		
10	Multiple Choice Questions in Surgery	Tandon Vivek	1		
11	Current Diagnosis & Treatment Surgery	Doherty gerard	10		
12	Lectures Notes General Surgery	Ellis Harold	1		
13	Browses' Introduction to the Symptoms and Signs of Surgical Diseases	Browse Norman	1		
14	Smith's general Urology	Tanagho Email	1		
15	Abernathy's Surgical Secrets	Harken Alden	1		
16	General surgical operations	Kirk RM	1		
17	Essential Surgical Practice	Cuschieri	1		
18	SRB's Clinical Methods in Surgery 1st ed.	Bhat Sriam	1		

19	100 Cases in Surgery	Gossage	1		
20	Short Text book of Surgery	ROY	1		
21	Clinical Surgery	Henry	1		
22	General Surgery (Lechre Note Ser				
23	MISC (Any other latest Book of the subject recommended by PMDC or University)				

Medical Journals (10 Copies)

Sr#	Book Name	Subject	Qty	Rate	Amount
	Local Journals	Basic Sciences & Clinical Sciences	05		
	International Journals	Basic Sciences & Clinical Sciences	05		

Schedule-C

Manufacturer's Authorization

Date: _____

Bid Regerence No.: _____

Invitation for Bid No.: _____

To: _____

WHEREAS _____ who are official manufacturers of _____ having factories at _____ do hereby authorize _____ to submit a Bid in relation to the Invitation for Bids indicated above, the purpose of which is to provide the following Goods, manufactured by us _____ and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm in reply to this Invitation for Bids

Name _____

In the capacity of: _____

Signed _____

Duly authorized to sign the Authorization for and on behalf of _____

Date _____

Schedule-D

List of Engineering Goods to be supplied

Note: Attach as Annexure "A"

[Separate tables shall be used only in case of procurement of very large quantities , required to be split in lots for multiple Contracts, keeping in view capacity of Supplier's against the Goods supply. The evaluation of Bids shall, therefore, be done lot wise. However the award is made on least cost combination to the Purchaser.
In case of quantities manageable by a single supplier through a single Contract, only one table shall be used without referring to any lot.]

Lot No. : [if applicable]				
Lot Name : [if applicable]				
Item No.	**Name of Goods**	**Description**	**Unit of Measurement**	**Quantity**

Lot No. : [if applicable]				
Lot Name : [if applicable]				
Item No.	**Name of Goods**	**Description**	**Unit of Measurement**	**Quantity**

Lot No. : [if applicable]				
Lot Name : [if applicable]				
Item No.	**Name of Goods**	**Description**	**Unit of Measurement**	**Quantity**

Annexure "A"

LIBRARY BOOKS LIST

ANATOMY

Sr#	Book Name	Author	Qty
1	Hand Book of General Anatomy	BD Chaurasia	30
2	Last's Anatomy Regional & Applied	Sinnatam Chummy	30
3	General Anatomy and Musculoskeletal System THIEME Atlas of Anatomy	Ross Lawrence M	1
4	Neck and Internal Organs THIEME Atlas of Anatomy	Ross Lawrence M	1
5	Anatomy A Regional Atlas of the Human Body	Clemen Carmine D	10
6	Grant's Atlas of Anatomy	Agur Apar	10
7	Gray's Dissection Guide for Human Anatomy	Mrton David	10
8	Gray's Anatomy The Anatomical Basis of Clinical Practice	Standring Susan	10
9	Gray's Anatomy for Students	Drake Richard	10
10	Essential Anatomy Dissector following grant's Method	Hansen Hohn	30
11	Clinical Anatomy and Management of Cervical Spine Pain	Giles LGF	1
12	Anatomy and Physiology Paramedic	Eling	1
13	Pretest Anatomy Histology and cell Biology	Klein Robert	1
14	Clinical Oriented Anatomy	Moore Keith L	30
15	Clinical Anatomy by Region	Snell Richard S	1
16	Clinical Anatomy by Region	Snell Richard S	1
17	USMLE Step 1 Lecture Notes Anatomy	Kaplan	30
18	Clinical Anatomy for medical student	Snell Richard S	30
19	Clinical Neuroanatomy	Snell Richard S	1
20	Textbook of Neuroanatomy	Singh Vishram	1
21	Correlative Neuroanatomy	Waxman tephen G	1
22	Essential Anatomy Dissector following Grants method	Hansen John	1

23	Surface Anatomy The Anatomical Basis of Clinical Examination	Lumley John	1
24	General Anatomy	Laiq Hussain	30
25	BD Chaurasia's Human Anatomy Upper Limb & Thorax Voll 1	BD Chaurasia	30
26	BD Chaurasia's Human Anatomy Lower Limb Abdomen & Pelvis Voll 2	BD Chaurasia	30
27	BD Chaurasia's Human Anatomy Regional and Applied Dissection and Clinical Head Neck & Brain Voll 3	BD Chaurasia	1
28	Cunningham's Manual of Practical Anatomy Voll 1	Romanes, G. J.	30
29	Cunningham's Manual of Practical Anatomy Voll 2	Romanes, G. J.	30
30	Cunningham's Manual of Practical Anatomy Voll 3	Romanes, G. J.	30
31	The Developing Human Clinical Oriented Embryology	Moore Keith	30
32	Clinical Anatomy by Region	Snell Richard S	30
33	Atlas of Human Anatomy	Netter	10
34	T/B of Anatomy Voll 1	Singh	1
35	T/B of Anatomy Voll 2	Singh	1
36	T/B of Anatomy Voll 3	Singh	1
37	Essential of Human Anatomy	Marieb	1
38	Anatomy & Physiology	Clark	1
39	Anatomy of Head Neck & Brain	Singh	1
40	Grant’s Dissector of Anatomy	Tank Patrick	1
41	Illustrated T/B of Neuroanatomy	Pall GP	1
42	Cross Sectional Anatomy CT & MRI	Chavhan	1
43	Dissection Guide for Human Anatomy	Morton	1
44	Human Anatomy	Mcfoinley	1
45	Text book of Microscopic Anatomy	Arbar Abdul Wadood	10
46	General Anatomy	Laiq Hussain Siddique	10
47	Medical Histology	Laiq Hussain Siddique	10
48	Human Embryology	Laiq Hussain Siddique	10

49	Anatomy MCQ with explinations Vol-I	Meesam Iftikhar	10
50	Anatomy MCQ with explinations Vol-II	Meesam Iftikhar	10
51	Guideline of Gross Anatomy	Wajid Hussain Barki	10
52	Clinicaly Oriented Anatomy	Keith Moore	10
53	MISC (Any other latest Book of the subject recommended by PMDC or University)		

Biochemistry

S.No	Book Name	Author	Qty
1.	Harpers Illustrated Biochemistry	Robert – K - Murray	30
2.	Lippincott Biochemistry	Dennis R Ferrier	30
3.	Chatterjee Biochemistry	Chatterjee	30
4.	Stryer Biochemistry	Lubert Stryer	10
5.	MRS Biochemistry	Stephen Goldberg	1
6.	Instant Biochemistry	Faiq Ahmad	30
7.	Essential Biochemistry	Farhat Bano	30
8.	Hashmi text Book of Medical Biochemistry Vol 1	M A Hashmi	30
9.	Hashmi text Book of Medical Biochemistry Vol 2	M A Hashmi	30
10.	Hashmi Medical Biochemistry MCQ	M A Hashmi	30
11.	Comprehensive MCQ in Biochemistry	M. Nauman Shad	30
12.	Practical Clinical Biochemistry	Varley	10
13.	Textbook of Biochemistry	Devlin	10
14.	Lippincott's Illustrated Review of Biochemistry	Pamela C. Champe and Richard A. Harvey	10
15.	MISC (Any other latest Book of the subject recommended by PMDC or University)		

ANESTHESIA

Sr#	Book Name	Author	Qty
1	Anesthesia Secrets	Duke James	1
2	Lee's Synopsis Of Anesthesia	Davis N.J.H	1
3	Text Book Of Anesthesia	Alan R Aitkenhead	1
4	Clinical Anesthesiology	G Edward Morgan Jr	1
5	General Anesthesia	J.F.Nun	1
6	Handbook of Clinical Anesthesia	Pollard	1
7	A Practical Approach to anesthesia For Emergency Surgery	Gandhi	1
8	Objective Anesthesia Review	Kultarni	1
9	A Synopsis of Anesthesia	J. Alfred Lee	1
10	MISC (Any other latest Book of the subject recommended by PMDC or University)		

ORTHOPEDICS

Sr#	Book Name	Author	Qty
1	Text Book Of Orthopedics	John Ebhnezar	1
2	Examination of Orthopedics Athletic Injuries	Starkey	1
3	First aid & Emergency Management in Orthopedic Injuries	Dhillon	1
4	Essential of Orthopedics & Trauma	Dandy	1
5	Essentials of Orthopedic and Applied Physiotherapy	Joshi	1
6	Clinical Orthopedic Diagnosis	Pandey	1
7	Essentials of Orthopedic and Applied Physiotherapy	Joshi	1
8	OrthopedicSecrets	Brown	1
9	MISC (Any other latest Book of the subject recommended by PMDC or University)		

FORENSIC MEDICINE

Sr#	Book Name	Author	Qty
1	Principles and Practice of Forensic Medicine	Nasib R. Awan	30
2	Parikh's Textbook of Medical Jurisprudence, Forensic Medicine and Toxicology for classrooms	Parikh Dr. C.K	1
3	Textbook of Forensic Medicine & Toxicology	Siddiq Hussain	10
4	Smart Study Series Forensic Medicine & Toxicology	Aggarwal	1
5	Consise textbook of Forensic Medicine & Toxicology	Sharma RK	1
6	Simpson's Forensic Medicine B. Knight, Edward Arnold	Shepherd Richard B. Knight	1
7	Forensic Medicine Toxicology and medical Jurisprudence Simplified & New Look	Subrahmanyam	1
8	Practical Forensic Medicine	Rao nageshkumar	1
9	Textbook of Forensic Medicine and Toxicology Principles and Practice	Vij Krishan	1
10	Principles of Forensic Medicine Include Toxicology	Nandy Apurba	1
11	Buchanan Textbook of F. Medicine & Toxicoloys	Buchanan	1
12	Principles of Forensic Medicine	Bardale	1
13	Basic of Forensic Medicine	Syed M. Aizaz Ali	10
14	Forensic Medicine & Toxicology MCQ	Niaz Baluch	10
15	MISC (Any other latest Book of the subject recommended by PMDC or University)		

GYNAECOLOGY

Sr#	Book Name	Author	Qty
1	Textbook of Gynaecology	Rashid Latif Khan	30
2	Jeffcott’s Principles of Gynaecology	Kumar	1
3	Gynaecology by Ten Teachers	Monga ASH	1
4	Obstetrics by Ten Teachers	Baker Philip	30
5	Hacker and Moore's Essentials of Obstetrics and Gynecology	Hacker Neville	1
6	Fundamentals of Gynaecology	Arshad Chohan	30

7	Fundamentals of Obstetrics	Arshad Chohan	30
8	High Risk Pregnancy Management Options	James David	1
9	Williams Obstetrics	Cunningham Gary	1
10	Shaw's textbook of Opertive Gynaecology	Hudson	1
11	Normal Value in Pregnancy	Ramsay	1
12	Principles and Practice of Critical Care in Obstetrics	Bhattacharya	1
13	Neonatology Management, Procedures, On call Problems, Diseases and Drugs	Gomella Trica	1
14	Progress in Obstetrics and Gynaecology	Studd John	1
15	Obstetrics Illustrated	Hanretty Kevin	1
16	Ob/ Gyn Secrets	Bader Thomas	1
17	Master Medicine Obstetrics and Gynaecology A Core Text with Self Assessment	McCarthy Andrew	1
18	Problem Based Obstetrics and Gynaecology	Greer Ian	1
19	Dewhurst's Textbook of Obstetrics & Gynaecology	Edmonds Keith	1
20	Textbook of Obstetrics	Raju Ramakrishnam	1
21	RPG Series Obstetrics and Gynaecology Buster	Sharma Dharmendra	1
22	Controversies in Obstetrics Gynecology & Infertility	Kirplani	1
23	Mastering Practical Obstetrics & Gynecology	Sood	1
24	Manual of Obstetric	Daftary	1
25	T/B of Obstetric	Dutta	1
26	Hand Book of Obstetrics and Gynecology Emergencies	Benrubi	1
27	Hypertensive Disorder in Pregnancy	Shah	1
28	Obstetrics and Gynecology Secrets	Bader	1
29	Essential of Gynecology	Arulkumaran	1
30	Beside Obstetrics Gynecology	Szxena	1
31	Obstetrics and Gynecology Your Clerkship and self exam Companion	Bensonn	1
32	High Risks Pregnancy	James	1
33	Pregnancy at Risk	Krishna	1
34	Dewhurst' Textbook of Obstetrics & Gynecology	Emonds	1

35	Women's Gynecologic Health	Schulling	1
36	MISC (Any other latest Book of the subject recommended by PMDC or University)		

HISTOLOGY

Sr#	Book Name	Author	Qty
1	Pretest Anatomy Histology and cell Biology	Klein Robert	1
2	Wheather's Functional Histology, A Text and Colour atlas	Young Barbara	1
3	Junqueria's Basic Histology	Mescher Anthony L	10
4	Diflore's Atlas of Histology with Functional Correlations	Eroschenko Victor P	1
5	Histology A text and Atlas with Correlated Cell and Molecuular Biology	Ross Michael H	1
6	Medical Histology	Laiq Hussain	30
7	Theory & Practical Histological Techniques	Bancroft John	1
8	Kadasne's T/B of Embryology	Kadasne	1
9	Langman Medical Embryology	Sadler	30
10	Histology A Text & Atlas	Ross	1
11	Introduction to functional Histology	Telforf	1
12	MISC (Any other latest Book of the subject recommended by PMDC or University)		

ISLAMIC STUDY

Sr#	Book Name	Author	Qty
1	Quran aur Tameer e Seerat	Meer Wali ul Din	30
2	Islam aik Nazar Main	Molana Sadr ur Din	1
3	The Struggle for Pakistan	Ishtiaq Hussain	30
4	Islam Its Meaning and Message	Khurshid Ahmad	10
5	Maa Ki Shan	Khawaja Muhammad Islam	1
6	Narratives Of Prophets	Khawaja Muhammad Islam	1
7	The Life And Times Of Muhammad Rasul Allah	Tarik Jan	10
8	MISC (Any other latest Book of the subject recommended by PMDC or University)		

MEDICINE

Sr#	Book Name	Author	Qty
1	Hutchison's Clinical Methods an Integrated Approach to Clinical practice	Swash michael	1
2	Macleod's Clinical Examination	Graham	1
3	Kumar & Clark Clinical Medicine	Kumar Parveen	1
4	Davidson's Principles and Practice of Medicine	Colledge Nicki	30
5	Rosen's Emergency Medicine Concept and Clinical Practice Voll 1,2,3	Marx	1
6	ABC of Dermatology	Buston Paul	1
7	The ECG Made Easy	Hampton John	1
8	Manual of Respiratory Medicine	Singh Hira	1
9	Current Diagnosis & treatment in Infectious Diseases	Wilson Walter	30
10	Current medical Diagnosis & Treatment	Mcphee Stephen	1
11	Chamberlain's Symptoms and Signs in Clinical medicine	Ogilvie Colin	1
12	Textbook of Pulmonary Medicine Voll 1	Behera D	1
13	The complete Family Medicine Book	Dandiya PC	1
14	Bates Guide to Physical Examination and History Taking	Bickley Lynn	1
15	Current Diagnosis & treatment in Infectious Diseases	Wilson Walter	1
16	Mosby's Comprehensive Review of Radiography	Callaway	1
17	Emery's Elements of Medical Genetics	turnpenny Peter	1
18	Clinical Sonography A Practical Guide	Sanders Roger	1
19	Textbook of Pulmonary Medicine	joshi Jyotsna	1
20	Atlas of AIDS	friedman Kien	1
21	Cardiology	Julian Desmond	1
22	Harrison's Principles of Internal Medicine	Kasper Dennis	30
23	Essentials of Diagnosis & Treatment in Cardiology	Michael	1
24	Manual of Cardiovascular medicine	Griffin Brain	1
25	Manual of Nephrology	Schrier Robert	1
26	Dermatology SECRETS in Color	Fitzpatrick	1
27	Hot Topics Diabetes	Colwell John	1

28	Davidson's Essential Of Medicine	Innes Alastair	1
29	Oxford Hand Book Of Endocrinology And Diabetes	Turne E. Helen	1
30	Oxford Handbook of Clinical Medicine	Longmor	1
31	Oxford Handbook of Emergency Medicine	Wyatt JP	1
32	Annual Book of ASTM Standards, Medical Devices & Services	Mayer Vernice	1
33	Hutchison's Clinical Methods an Integrated Approach to Clinical practice	Glynn	10
34	Kumar & Clark Clinical Medicine	Kumar Parveen	10
35	Manual of Neonatal care	Cloherty	1
36	Integrative medicine principles for Practice	Kliglen	1
37	Clinical Medicine	Das	1
38	Self Assessment & Review medicine	Khanna	1
39	Harrison’s Manual of Medicine	Lango	1
40	A Manual of dermatology	Zohra	1
41	H/B of Kidney	Dancvitch	1
42	Medicine Recall	Begin	1
43	Manual of Vascular	Rampalan	1
44	Pretest Neurology	Anschel	1
45	Braunwald’s Heart	Braunwald	1
46	Heart Diseases a T/B of Cardiovascular Medicine	Bonow	1
47	Mavson’s Tropical Diseases	Cook	1
48	Chamberlain’s Symptoms & Signs Clinical Medicine	Arnold	1
49	T/B of Critical Care	Fink	1
50	The ICU Book	Marino	1
51	The Washington Manual of outpatic internal Medicine	Dedor	1
52	Current medical Diagnosis & Treatment Emergency Medicine	Stone	1
53	ECG in Medical Practice	Abdullah	1
54	Cardiology Word Round	Shafiq	1
56	Manual of Dermatology	Arndt	1
57	The Washington Manual of oncology	Govindan	1
58	Essential of Tuberculosis	Seith	1

59	Hospital Medicine Secrets	Glasheen	1
60	100 Cases in Clinical Medicine	Rees	1
61	Husth's the heart Voll 1,2,	Fuster	1
62	Harrison's Principles of Internal Medicine Voll 1,2	Lango	10
63	MISC (Any other latest Book of the subject recommended by PMDC or University)		

MICROBIOLOGY

Sr#	Book Name	Author	Qty
1	Review Of Medical Microbiology And Immunology	Levinson Warren	1
2	Jawetz,Melnick & Adelberg's Medical Microbiology	Brooks Geo.F	10
3	MCQs And SAQs In Microbiology	Pichara Asha	1
4	Instant Notes Microbiology	Nicklin.J	1
5	Bailey & Scott's Diagnostic Microbiology	Forbes Betty.A	1
6	Color Atlas Of Hematology	Theml Harald	1
7	Wintrobe's Clinical Hematology Voll 1 & 2	Greer	1
8	Microbiology an Introduction	Tortora	1
9	Alcamo's Fundamentals of Microbiology	Pommerville	1
10	Immunology	Male David	1
11	Basic Immunology	Abbass	10
12	Immunology	Hannigan	1
13	The Elements of Immunology	Fahim	10
14	MISC (Any other latest Book of the subject recommended by PMDC or University)		

OPHTHALMOLOGY

Sr#	Book Name	Author	Qty
1	Clinical Ophthalmology A Systematic Approach	Kanski Jack J	1
2	Ophthalmology Secrets In Colors	Vanders James F	1
3	Parson's Diseases Of The Eye	Sihota Ramanj,T	1
4	Basic Ophthalmology	Jogi Renu	1
5	Clinical Ophthalmology	Shafi M. Jatoi	30

6	Pocket Atlas Of Ophthalmology	Schlote Torsten	1
7	Clinical Ophthalmology A Systematic Approach	Kanski Jack J	1
8	Clinical Ophthalmology	Shafi M. Jatoi	1
9	Clinical Anatomy of the Eye	Snell	1
10	Comprehensive Ophthalmology	Khurana	1
11	Duke Elder's Practice of Refraction	Abrams	1
12	Lecture Notes Ophthalmology	James	1
13	Surgical Techniques in Ophthalmology	Elena	1
14	Clinical Ophthalmology Medical & Surgical Approach	Saxena	1
15	Clinical Ophthalmology A Systematic Approach	Kanski	1
16	MISC (Any other latest Book of the subject recommended by PMDC or University)		

OTOLARYNGOLOGY

Sr#	Book Name	Author	Qty
1	Diseases of Ear Nose & Throat	Dhingra PL	1
2	Text Book of Ear Nose & Throat	M.Latif Gani	30
3	ENT Ear Nose Throat Head & Neck	Masud	30
4	Logan Turner's Diseases of Ear Nose & Throat	Maran A.G.D	1
5	ENT Secrets	Jafek	1
6	Otolaryngology basic Science And Clinical Reviews	Van De Water Thomas	1
7	Oxford Hand Book Of ENT And Head & Neck Surgery	Corbridge Rogan	1
8	Current Diagnosis& Treatment in Otolaryngology Head nad Neck Surgery	Calwani Anil K	1
9	Multiple Choice Questions In ENT	Dhingra PL	1
10	Text Book Of Fractures and dislocations	Malhotra Rajesh	1
11	Oxford Hand book of ENT	Prescott	
12	MISC (Any other latest Book of the subject recommended by PMDC or University)		

PEDIATRIC

Sr#	Book Name	Author	Qty
1	Nelson Essential of Pediatric	Kliegman Robert	30
2	Illustrated Textbook of Pediatric	Ussauer Tom	1
3	Nelson Textbook of Pediatric	Kliegman Robert	30
4	Manual of Neonatal Case	Cloherty John W	1
5	Neonatology, Management procedures, Diseases And Drugs	Gomella Tricia Lacy	1
6	Pediatric Drug Doses Practical pathology	Grover JK	1
7	Atlas of Pediatric Physical Diagnosis	Zitelli Basil J	1
8	Pediatric Problems In Pakistan	Iqbal Ahmed	30
9	Fetal & Neonatal Seartes Questions You Will Be Asked	Polin Richerd A	1
10	Harriet Lane Hand book of Pediatric	Custer	1
11	Blueprint Pediatric	Marino	1
12	Pearls in Clinical Pediatric	Magon	1
13	LAP T/B of Pediatric	Praveen	1
14	Pediatric Nutrition H/B	Kleinman	1
15	Basis of Pediatrics (textbook)	Pervez Akber	30
16	The Washington Manual of Pediatric	Duesbery	1
17	Manual of Pediatric theraputies	Graef	1
18	Clinical Pediatric History Taking	Lakshmanasway	1
19	Pediatric Emergency Medicine	Strange	1
20	Current Diagnosis and treatment pediatric	Hay	1
21	Clinical Manual of Emergency Pediatric	Crain	1
22	Pediatric Recall	Mcoahren	1
23	Clinical Methods in Pediatrics	Gupta	1
24	Practical Pediatric Haematolgy	Sachdeva	1
25	Rogers' H/B of Pediatrics intensive care	Helfaer	1
26	Parthas's Fundamental fp Pediatrics	Parthasthy	1
27	Pretest Pediatrics	Yetman	1
28	MISC (Any other latest Book of the subject recommended by PMDC or University)		

PATHOLOGY

Sr#	Book Name	Author	Qty
1	Robbins And Cotran Pathology Basis Of Disease	Kumar Vinay	30
2	Robbins Basic Pathology	Kumar Vinay	30
3	Pathology Illustrated	Reid Roberts	1
4	Walter and Israel General Pathology	Walter JB	30
5	Robbins and Cotran Atlas of Pathology	Klatt Edward C	10
6	RPG Series Pathology and Microbiology Buster with High Yield Facts	Sharma	1
7	Rapid Review Pathology	Goljan Edward	1
8	Wheater's Basic Pathology A Text Atlas and Review of Histopathology	Young Barbara	1
9	Practical Pathology	Joshi	1
10	Clinical Pathology Interpretations	Nagi H.A	30
11	General And Systematic Pathology	Underwood JCE	1
12	District Laboratory Practice In Tropical Countries	Monica	1
13	Medical Laboratory Technology methods	Sood	1
14	A Manual of Laboratory & Diagnostic Test	Fischbach	1
15	Dacie & Lewis Practical Haematology	Dacie & Lewis	1
16	T/ B of Pathology	Mohan	1
17	Pathology Quick Review & MCQs	Mohan	1
18	Core Pathology	Stevens Alan	1
19	Robbins & Cortan Atlas of Pathology	Klatt	1
20	Essential in Hematology & Clinical Pathology	Nayak	1
21	Pathology Concepts & Applications	Nowak	1
22	Questions & Answers in Pathology	Ashraf Mohammad	1
23	Pre Test Pathology	Brown Earl J	1
24	Pathology Secrets	Damjandov	1
25	Hematology for Students & Practitioners	Sood	1
26	Medical Genetics	Jorde	1
27	MISC (Any other latest Book of the subject recommended by PMDC or University)		

PATHOPHYSIOLOGY

Sr#	Book Name	Author	Qty
1	Exercise Physiology Study Guide	katch Victor L	1
2	Textbook of Internal Medicine	Kelley William	1
3	Handbook of Sign & Symptoms	Springhouse	1
4	The Trauma manual	Peitzman Andrew	1
5	Clinical Hypertension	Kaplan Norman	1
6	Respiratory Infections Diagnosis and Management	Pennington James	1
7	IV therapy made Incredibly Easy	Springhouse	1
8	Essential Anatomy Dissector folllowing Grants method	Hansen John	1
9	Synopsis of Pediatric Emergency Medicine	Fleisher Gary	1
10	Practical Neurology	Biller Jose	1
11	Endocrine Pathophysiology	Kettyli William.M	1
12	MISC (Any other latest Book of the subject recommended by PMDC or University)		

PHARMACOLOGY

Sr#	Book Name	Author	Qty
1	Multiauthor Textbook of Pharmacology and Therapeutics Voll2	Masood Cheema	30
2	Deja Review Pharmacology	Young Jason	1
3	Pretest Pharmacology Self Assessment & Review	Shalafer Marshal	1
4	MCQs in Pharmacology	Bhugra Praveen	1
5	Basic & Clinical Pharmacology	Katzung Bertram	1
6	Lippincott's Illustrated Reviews Pharmacology	Finkel Richard	1

7	Color Atlas of Pharmacology Revised and expanded	Lullmann Heinz	1
8	Clinical Pharmacology	Bennett PN	1
9	Netter's Illustrated pharmacology	Raffa Robert B	1
10	Pharmacology Principles & Applications	Fulcher Eugenia	1
11	Katzung & Trevor's Pharmacology Examination & Board Review	Katzung & Trevor's	10
12	MCQs in Clinical Pharmacy	Azzopardi Lilian	1
13	Basic & Clinical Pharmacology	katzung	30
14	Lippincott's Illustrated Reviews Pharmacology	Harvey Richard	10
15	Modern Pharmacology with Clinical Applications	Charles	1
16	Essentials of Pharmacology Basis Principles & General Concepts	Sharman	1
17	Pharmacology	Bhattacharya Sen	1
18	Katzung & Trevor's Pharmacology Examination & Board Review	Trevor	1
19	Popalzai Pharmacology	Abdul Jalil Popalzai	10
20	Learning Pharmacology from Nauman MCQ	M. Nauman Shad	10
21	Essential of Pharmacology	Shah Nawaz	10
19	MISC (Any other latest Book of the subject recommended by PMDC or University)		

PHYSIOLOGY

Sr#	Book Name	Author	Qty
1	Essentials of Medical Physiology Voll 1	Mushtaq Ahmad	30
2	Essentials of Medical Physiology Voll 2	Mushtaq Ahmad	30
3	Basis of Clinical Physiology Voll 1	Muhammad Akram	10
4	Basis of Clinical Physiology Voll 2	Muhammad Akram	10

5	Text Book of Medical Physiology	Guyton & Hall	30
6	Color Atlas of Physiology	Despopoulos A	1
7	Smart Study Series Physiology	Nalgirkar Vivek	1
8	Pocket Companion Guyton's Medial Physiology	Hall John E	1
9	Pre test Physiology Self Assessment And Review	Meeting Patricia J	1
10	Netter's Atlas of Human Physiology	Hansen John T	10
11	Prep Manual for Undergraduates Physiology	Joshi Vijaya D	10
12	Vander's Human Physiology The Mechanisms of Body Function	Widmaier Eric P	1
13	Human Physiology	Petersen Ole H	1
14	Human Physiology	Fox Stuart Ira	1
15	Human Physiology from cells to systems	Sherwood	1
16	Study Guide for Human Physiology from cells to systems	Sherwood	1
17	Respiratory Physiology	Cloutier Michelle M	1
18	Rapid Review Physiology	Brown Thomas A	1
19	Crash Course Physiology	Muhammad Shahid	10
20	Human Physiology The Basis of Medicine	Pocock & Richards	1
21	Human Physiology from Cell to System	Harley P john	1
22	Berne & Levy Physiology	Koeppen Bruce M	1
23	Ganong's Review of Medical Physiology	Barrett Kim E	30
24	Guyton & Hall Physiology Review	Hall & Guyton	1
25	Respiratory Physiology the Essentials	West John B	1
26	Experimental Physiology Manual	Zafar Ali Ch	1
27	MCQS Human Physiology Basic And Applied	Tandon	1
28	MCQS In Human Physiology	Holmes Oliver	1
29	Objective practical Examination in	Mahajan Aarti	1

	Physiology		
30	Essential of Medical Physiology	Khurana Indu	1
31	Berne and Levy Physiology	Koeppen	1
32	Text Book of Medical Physiology	Guyton & Hall	30
33	Medical Physiology A Systems Approach	Raff	1
34	Human Physiology & Intergraded Approach	Silver thorn	1
35	Principles of Human Physiology	Sherwood	1
36	Medical Physiology for Undergraduates Students	Khurana	1
37	T/B of Medical Physiology	Khurana	1
38	T/ B of Human Physiology	Singh	1
39	Essential of Medical Physiology	Sambulingar	1
40	Human Physiology	M. Yousad Abru	10
41	Human Physiology MCQ	M. Yousad Abru	10
42	Meo's Human Physiology	Sultan Ayub Meo	10
40	MISC (Any other latest Book of the subject recommended by PMDC or University)		

PSYCHIATRY

Sr#	Book Name	Author	Qty
1	Kaplan & Sadocks's Concise Textbook of Clinical Psychoatry	James Benjamin	1
2	Pretest Psychiatry Self Assessment and Review	Mancini Giulia	1
3	A Handbook of Behaviouural Sciences for Medical & Dental Students	Mowadat Hussain Rana	30
4	Pretest Psychiatry	Claman	1
5	Pocket Handbook of Psychiatric Drug Treatment	Sadock	1
6	Psychiatry an Illustrated color Text	Sevens	1
7	Essential of Psychiatry	Bhatia	1
8	MISC (Any other latest Book of the subject recommended by PMDC or University)		

COMMUNITY MEDICINE

Sr#	Book Name	Author	Qty
1	Park's Textbook of Preventive and Social Medicine	K.Park	1
2	Foundations Of Community Medicine	Dhaar GM	1
3	Principles And Practics Of Community Medicine	Asma Rahim	1
4	Smart Study Series Community Medicine	Saxena B Deepak	1
5	Preventive And Social Medicine	Mathur S J	1
6	Public Health And Community Medicine	Mohamed Iliyas	30
7	Oxford Textbook Of Public Health Voll 1	Detels Roger	1
8	Oxford Textbook Of Public Health Voll 2	Detels Roger	1
9	Oxford Textbook Of Public Health Voll 3	Detels Roger	1
10	Statistics	Murry	1
11	T/ B of Community Medicine	Roy	1
12	Great Wealth poor Health	Farrell	1
13	Teaching Strategies for Health Education & Health Promotion	Lowenstein	1
14	Essential Readings in Health Policy & Law	Teitelbaum	1
15	Community Based heath Interventions	Guttmacher	1
16	Qualitative Methods in Public Health	Ulin	1
17	Essentials of Global Community Health	Gofin	1
18	Public Health 101 Healthy peoples healthy populations	Riegelman	1
19	Essentials of Community Medicine Practical	Mahabalaraju	1
20	Foundations of Community Medicine	Dhaar	1
21	Hunter's Diseases of Occupations	Daxter	1
22	Text book of Community Medicine & public Health	Saira Afzal, Sabeena Jalal	10
23	MISC (Any other latest Book of the subject recommended by PMDC or University)		

RADIOLOGY

Sr#	Book Name	Author	Qty
1	Echo Made Easy	Luthra Atul	1

2	Echo Made Easy	Kaddoura Sam	1
3	AIDS To Radiological Differential Diagnosis	Davis G Stephen	1
4	Accident & Emergency Radiology A Survival Guide	Raby Nigel	1
5	Diagnistic Imaging	Armstrong Peter	1
6	MCQs Clinical Radiology	Rahiah Prabhakar	1
7	CLARK'S POSITIONING RADIOGRAPHY 12th Edition	Whitley Stewart A	1
8	Diagnostic Ultrasound 4th ed	Rumack	1
9	Differential Diagnosis in Abdominal Ultrasound	Bisset RAL	1
10	Aids to Radiological Differential Diagnosis 5th ed	Davies Stephen G, Chapwan	10
11	MRI of The Whole Body	Mankad KshitiJ	1
12	Whole Body CT Scan	Hagga	1
13	CT Abdomen A patient Approach	Karthikeyan	1
14	Diagnostic Radiology	Gupta	1
15	The Chest and X-ray A Survival Guide	Lacey	1
16	Hand book of Interventional Radiology Procedures	Kandarpa	1
17	Body CT Secrets	Strang	1
18	Text book of Color Popular Imaging	Bhargava	1
19	Uroradiology Text and Atlas	Bakle	1
20	MISC (Any other latest Book of the subject recommended by PMDC or University)		

SURGERY

Sr#	Book Name	Author	Qty
	Text book of surgery	Ijaz Ahsan	30
1	Bailey & Love's Short Practice of Surgery	Williams Norman	1
2	The Washington Manual of Surgery	Klingensmith	1

3	Manipal Manual of Surgery	Shenoy Rajgopal	1
4	Hamilton Bailey's Emergency Surgery	Ellis Brain	1
5	RPG Series Surgery Buster with High Yield Facts	Sharma	1
6	Atlas of General Surgery	Carter David	1
7	Schwartz's Principles of Surgery	Brunicardi	1
8	Mastery of Surgery	Fischer Josef	1
9	Sabiston Textbook of Surgery	Townsed	1
10	Multiple Choice Questions in Surgery	Tandon Vivek	1
11	Current Diagnosis & Treatment Surgery	Doherty gerard	10
12	Lectures Notes General Surgery	Ellis Harold	1
13	Browses' Introduction to the Symptoms and Signs of Surgical Diseases	Browse Norman	1
14	Smith's general Urology	Tanagho Email	1
15	Abernathy's Surgical Secrets	Harken Alden	1
16	General surgical operations	Kirk RM	1
17	Essential Surgical Practice	Cuschieri	1
18	SRB's Clinical Methods in Surgery 1st ed.	Bhat Sriam	1
19	100 Cases in Surgery	Gossage	1
20	Short Text book of Surgery	ROY	1
21	Clinical Surgery	Henry	1
22	General Surgery (Lechre Note Ser		
23	MISC (Any other latest Book of the subject recommended by		

	PMDC or University)		

Medical Journals (10 Copies)

Sr#	Book Name	Subject	Qty
	Local Journals	Basic Sciences & Clinical Sciences	05
	International Journals	Basic Sciences & Clinical Sciences	05

Schedule-E

Delivery and Completion Schedule

[In case of multiple contacts; refer to instructions note in Schedule-D; separate table shall be used for each lot.]

The delivery period shall start from the date of signing of the agreement

Item No.	Description of Goods	Delivery Schedule (Duration)	Location	Required Arrival Date of Goods
All items as per list Attached Annexure "A"	**All Goods as per attached Annexure "A"**	**02 Months**	**AT Sarfrarz Rafiqui Road Lahore Cantt.**	**06-08-2019**

Schedule F

Inspection and Tests to be carried out

[Purchaser shall list down the Inspection and Tests to be carried out under GCC Clause 26 and PCC Sub-Clause 26.2]

STANDARD FORMS

BID SECURITY
PERFORMANCE SECURITY
CONTRACT AGREEMENT
ADVANCE PAYMENT SECURITY

FORM OF BID SECURITY
(Bank Guarantee)

Security Executed on _____
(Date)
Name of Surety (Bank) with Address: _____
(Scheduled Bank in Pakistan)
Name of Principal (Bidder) with Address _____
_____
Penal Sum of Security Rupees . _____(Rs. _____)
Bid Reference No. _____
KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bid and at the request of the said Principal (Bidder) we, the Surety above named, are held and firmly bound unto _____
(hereinafter called the 'Purchaser') in the sum stated above for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Bidder has submitted the accompanying Bid dated _____ for Bid No. _____ for_____(Particulars of Bid) to the said Purchaser; and

WHEREAS, the Purchaser has required as a condition for considering said Bid that the Bidder furnishes a Bid Security in the above said sum from a Scheduled Bank in Pakistan or from a foreign bank duly counter-guaranteed by a Scheduled Bank in Pakistan, to the Purchaser, conditioned as under:

(1) that the Bid Security shall remain in force up to and including the date 28 days after the deadline for validity of bids as stated in the Instructions to Bidders or as it may be extended by the Purchaser, notice of which extension(s) to the Surety is hereby waived;

(2) that the Bid Security of unsuccessful Bidders will be returned by the Purchaser after expiry of its validity or upon signing of the Contract Agreement; and

(3) that in the event of failure of the successful Bidder to execute the proposed Contract Agreement and furnish the required Performance Security, the entire said sum be paid immediately to the said Purchaser pursuant to Clause 19.6 of the Instruction to Bidders for the successful Bidder's failure to perform.

NOW THEREFORE, if the successful Bidder shall, within the period specified therefor, on the prescribed form presented to him for signature enter into a formal Contract with the said Purchaser in accordance with his Bid as accepted and furnish within twenty eight (28) days of his being requested to do so, a Performance Security with good and sufficient surety, as may be required, upon the form prescribed by the said Purchaser for the faithful performance and proper

fulfilment of the said Contract or in the event of non-withdrawal of the said Bid within the time specified for its validity then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.

PROVIDED THAT the Surety shall forthwith pay the Purchaser the said sum upon first written demand of the Purchaser (without cavil or argument) and without requiring the Purchaser to prove or to show grounds or reasons for such demand, notice of which shall be sent by the Purchaser by registered post duly addressed to the Surety at its address given above.

PROVIDED ALSO THAT the Purchaser shall be the sole and final judge for deciding whether the Principal (Bidder) has duly performed his obligations to sign the Contract Agreement and to furnish the requisite Performance Security within the time stated above, or has defaulted in fulfilling said requirements and the Surety shall pay without objection the said sum upon demand from the Purchaser forthwith and without any reference to the Principal (Bidder) or any other person.

IN WITNESS WHEREOF, the above bounden Surety has executed the instrument under its seal on the date indicated above, the name and seal of the Surety being hereto affixed and these presents duly signed by its undersigned representative pursuant to authority of its governing body.

SURETY (Bank)

WITNESS:

Signature _____

1. _____

Name _____

_____

Title _____

Corporate Secretary (Seal)

Corporate Guarantor (Seal)

2. _____

_____

Name, Title & Address

FORM OF PERFORMANCE SECURITY
(Bank Guarantee)

Guarantee No._____
Executed on _____
Expiry date _____

[Letter by the Guarantor to the Purchaser]

Name of Guarantor (Bank) with address:_____
(Scheduled Bank in Pakistan)

Name of Principal (Supplier/Contractor) with address:_____
_____

Penal Sum of Security (express in words and figures)_____
_____

Letter of Acceptance No. _____Dated _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the _____ (hereinafter called the Purchaser) in the penal sum of the amount stated above for the payment of which sum well and truly to be made to the said Purchaser, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has accepted the Purchaser's above said Letter of Acceptance for _____ _____ (Name of Contract) for the _____ _____ (Name of Project).

NOW THEREFORE, if the Principal (Supplier/Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Purchaser, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue till all requirements of Clause 28, Warrenty, of Conditions of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, _____ (the Guarantor), waiving all objections and defences under the Contract, do hereby irrevocably and independently guarantee to pay to the Purchaser without delay upon the Purchaser's first written demand without cavil or arguments and without requiring the Purchaser to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the Purchaser's written declaration that the Principal has refused or failed to perform the obligations under the Contract which payment will be effected by the Guarantor to Purchaser's designated Bank & Account Number.

PROVIDED ALSO THAT the Purchaser shall be the sole and final judge for deciding whether the Principal (Contractor) has duly performed his obligations under the Contract or has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the Purchaser forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above-bounden Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Guarantor (Bank)

Witness:

1. _____ Signature _____

_____ Name _____

Corporate Secretary (Seal)

Title _____

2. _____

_____ _____

Name, Title & Address Corporate Guarantor (Seal)

FORM OF CONTRACT AGREEMENT

THIS AGREEMENT made on the _____ day of _____, _20____, between _____of _____ (hereinafter "the Purchaser"), of the one part, and _____ of _____ (hereinafter called "the Supplier"), of the other part:

WHEREAS the Purchaser invited bids for certain Goods viz., _____ and has accepted a Bid by the Supplier for the supply of those Goods in the sum of _____ (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 hereinafter referred to.

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

   (a) the Purchaser's Notification to the Supplier of Award of Contract (Letter of Acceptance);
   (b) the Form of Bid and the Price Schedules submitted by the Supplier;
   (c) the Particular Conditions of Contract; Part-II
   (d) the General Conditions of Contract; Part-I
   (e) the Schedule to Bid (other than Price Schedule);
   (f) Appendices to Bid;
   (g) Specifications;
   (h) Drawings; and
   (i) Any other Item

This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

3. In consideration of the payments to be made by the Purchaser to the Supplier as indicated in this Agreement, the Supplier hereby covenants with the Purchaser to provide the Goods and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and the remedying 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 the parties hereto have caused this Agreement to be executed in accordance with the laws of _____ on the day, month and year indicated above.

Signature of the Supplier	Signature of the Purchaser
(Seal)	(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:	Witness
(Name, Title and Address)	(Name, Title and Address)

Form of Advance Payment Security

Date: _____

-NA-

Contract Name and No. :_____
_____

To: _____

In accordance with the payment provision included in the Contract, in relation to advance payments, _____ (hereinafter called "the Supplier") shall deposit with the Purchaser a security consisting of _____, to guarantee its proper and faithful performance of the obligations imposed by said Clause of the Contract, in the amount of _____.

We, the undersigned _____, legally domiciled in _____ (hereinafter "the Guarantor"), as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligor and not as surety merely, the payment to the Purchaser on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding _____ _____.

This security shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until _____, _____.

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the security for and on behalf of _____

Date _____

General Conditions of Contract

General Conditions of Contract

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1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, schedules and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Delivery" means the transfer of the Goods from the Supplier to the Purchaser in accordance with the terms and conditions set forth in the Contract.

(f) "Completion" means the fulfillment of the supply of Goods by the Supplier in accordance with the terms and conditions set forth in the Contract.

(g) "Eligible Countries" means the countries as per Appendix-A.

(h) "GCC" means the General Conditions of Contract.

(i) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(j) "Purchaser's Country" is the country specified in the Particular Conditions of Contract (PCC).

(k) The "Purchaser" means the Employer who is the entity purchasing the Goods, as specified in the PCC, and includes the legal successors or assigns of the Purchaser.

(l) "PCC" means the Particular Conditions of Contract.

(m) "Subcontractor" means any natural person, private or government entity or a combination of the above, including its legal successors or permitted assigns, to whom any part of the Goods to be supplied is subcontracted by the Supplier.

(n) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Agreement, and includes the legal successors or permitted assigns of the Supplier.

(o)"The Site," where applicable, means the place named in the PCC.

2. Contract Document

Subject to the order of precedence set forth in the Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory.

3. Corrupt and Fraudulent Practices

3.1

(a) For the purposes of this provision, the term "Corrupt and Fraudulent Practices" includes the offering, giving, receiving, or soliciting of any thing of value to influence the action of a public official or the supplier or contractor in the procurement process or in contract execution to the detriment of the procuring agencies; or misrepresentation of facts in order to influence a procurement process or the execution of a contract, collusive practices among bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the procuring agencies of the benefits of free and open competition and any request for, or solicitation of anything of value by any public official in the course of the exercise of his duty.

(b) The Purchaser will reject a proposal for award if it determines that the bidder recommended for award has, directly or through an agent, engaged in corrupt and fraudulent practices in competing for the Contract.

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

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa wher the context requires.

4.2 Incoterms

The meaning of any trade term and the rights and obligations of parties thereunder shall be as prescribed by Incoterms.

(a) EXW, CIF, DDP, and other similar terms, shall be governed by the rules prescribed in the current edition of Incoterms, published by the International Chamber of Commerce at the date of the Invitation for Bids or as specified in the PCC.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Nonwaiver

(a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity

or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the PCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified in the PCC, in which case, for purposes of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation.

6. Joint Venture, Consortium or Association

6.1 Unless otherwise specified in the PCC, if the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of an Eligible Country in case of International Competitive Bidding but only of Pakistan in case National Competitive Bidding. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted or incorporated, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods to be supplied under the Contract and financed by the Purchaser shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its imported components.

8. Notices

8.1 Any Notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the PCC. The term “in writing” means communicated in written form

with proof of receipt.

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

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of the Purchaser's country, unless otherwise specified in the PCC.

10. Settlement of Disputes

10.1 The Purchaser 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.

10.2 If the parties fail to resolve such a dispute or difference by mutual consultation within twenty-eight (28) days from the commencement of such consultation, either party may require that the dispute be referred for resolution to the formal mechanisms specified in the PCC.

11. Scope of Supply

11.1 Subject to the PCC, the Goods to be supplied shall be as specified in Schedules to Bid.

11.2 Unless otherwise stipulated in the Contract, the Scope of Supply shall include all such items not specifically mentioned in the Contract but that can be reasonably inferred from the Contract as being required for attaining Delivery and Completion of the Goods as if such items were expressly mentioned in the Contract.

12. Delivery

12.1 Subject to GCC Sub-Clause 33.1, the Delivery of the Goods shall be in accordance with the Delivery and Completion Schedule specified in the Schedules to Bid. The details of shipping and other documents to be furnished by the Supplier are specified in the PCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Purchaser's Responsibilities

14.1 Whenever the supply of Goods requires that the Supplier obtain permits, approvals, and import and other licenses from local public authorities, the Purchaser shall, if so required by the Supplier, make its best effort to assist the Supplier in complying with such requirements in a timely and expeditious manner.

14.2 The Purchaser shall afford all costs involved in the performance of its responsibilities, in accordance with GCC Sub-Clause 14.1.

15. Contract Price

15.1 The Contract Price shall be as specified in the Agreement subject to any additions and adjustments thereto, or deductions therefrom, as may be made pursuant to the Contract.

15.2 Prices charged by the Supplier for the Goods delivered under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized as per the formula if given in GCC Sub-Clause 15.3.

15.3 *[The Purchaser should develop the formula and other factors for Price Adjustment based on the principle of Clause 70.1 of PEC Bidding Documents for Civil Works and Standard Procedure and Formulae for Price Adjustment prepared by PEC, with following modifications:*

i. Adjustable material would be those raw materials used for manufacturing of specific Goods Items on which, in opinion of the Purchaser, the price adjustment is payable. However, the Purchaser shall calculate, to make project specific price adjustment formula, the appropriate weightages of major raw materials as per the PEC standard documents mentioned above.

ii. In case of adjustable materials and labor, the current price indices shall be 42 days prior to date of Goods transport [or any other appropriate period may be incorporated by the Purchaser representing the mid-point of the period of manufacture], while in case of POL, the current price indices shall be 15 days [or any other reasonable period may be incorporated by the Purchaser] before the date of Goods transport.

iii. Source for indices:

a. For Local Manufactured Items;

PICC cost data or any other credible source to be mentioned in bidding documents, failing which to be agreed between parties before signing the Contract.

b. For Foreign Manufactured Items;

London Metal Exchange (LME) Rate]

OR

[The Purchaser shall state "This is a Fixed Price Contract" in case the Price Adjustment is not applicable for lesser time of delivery or smaller quantities of Goods to be supplied.]

16. Terms of Payment

16.1 The Contract Price shall be paid as specified in the PCC.

16.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all the obligations stipulated in the Contract.

16.3 Payments shall be made promptly by the Purchaser, no later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and the Purchaser has accepted it.

16.4 The currency or currencies in which payments shall be made to the Supplier under this Contract shall be specified in the PCC.

17. Taxes and Duties

17.1 For Goods supplied from outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

17.2 For Goods supplied from within the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

17.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

18. Performance Security

18.1 The Supplier shall, within twenty-eight (28) days of the notification of Contract award, provide a Performance Security for the due performance of the Contract in the amounts and

currencies specified in the PCC.

18.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

18.3 The Performance Security shall be denominated in the currencies of the Contract, or in a freely convertible currency acceptable to the Purchaser, and shall be in one of the forms stipulated by the Purchaser in the PCC, or in another form acceptable to the Purchaser.

18.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the PCC.

19. Copyright

19.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.

20. Confidential Information

20.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.

20.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the Contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the design, procurement, required for the performance of the Contract.

20.3 The obligation of a party under GCC Sub-Clauses 20.1 and 20.2 above, however, shall not apply to information that:

(a) the Purchaser or Supplier need to share with the purchaser or other institutions participating in the financing of the Contract;

(b) now or hereafter enters the public domain through no fault of that party;

(c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or

(d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

20.4 The above provisions of GCC Clause 20 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

20.5 The provisions of GCC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.

21. Subcontracting

The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the Bid. Subcontracting shall in no event relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

21.1 Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.

22. Specifications and Standards

22.1 Technical Specifications and Drawings

(a) The Supplier shall ensure that the Goods comply with the technical specifications and other provisions of the Contract.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a

notice of such disclaimer to the Purchaser.

(c) The Goods supplied under this Contract shall conform to the standards mentioned in the Schedules to Bid and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the country of origin of the Goods.

22.2 Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedules to Bid. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause 33.

23. Packing and Documents

23.1 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. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the final destination of the Goods and the absence of heavy handling facilities at all points in transit.

23.2 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 the PCC, and in any other instructions ordered by the Purchaser.

24. Insurance

24.1 Unless otherwise specified in the PCC, the Goods supplied under the Contract shall be fully insured, in a freely convertible currency from an eligible country, against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Incoterms or in the manner specified in the PCC.

25. Transportation

25.1 Unless otherwise specified in the PCC, obligations for transportation of the Goods shall be in accordance with the Incoterms specified in the Schedules A and B to Bid.

26. Inspections

26.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and /or inspections of the

and Tests

Goods as are specified in the Schedules to Bid.

26.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the final destination of the Goods, or in another place in the Purchaser's country as specified in the PCC. Subject to GCC Sub-Clause 26.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

26.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 26.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

26.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

26.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications, codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

26.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

26.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 26.4.

26.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 26.6, shall release the Supplier from any warranties or other obligations under the Contract.

27. Liquidated Damages

27.1 Except as provided under GCC Clause 32, if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the PCC of the Contract Price for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in the PCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause 35.

28. Warranty

28.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

28.2 Subject to GCC Sub-Clause 22.1, the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

28.3 Unless otherwise specified in the PCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the PCC, or for eighteen (18) months after the date of shipment or loading in the country of origin, whichever period concludes earlier.

28.4 The Purchaser shall give Notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

28.5 Upon receipt of such Notice, the Supplier shall, within the period specified in the PCC, expeditiously repair or replace the

defective Goods or parts thereof, at no cost to the Purchaser.

28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the PCC, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

29. Patent Indemnity

29.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 29.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) the sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

29.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 29.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

29.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free

to conduct the same on its own behalf.

29.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

29.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

30. Limitation of Liability

30.1 Except in cases of gross negligence or willful misconduct :

(a) neither party shall be liable to the other party for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser; and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort, or otherwise, shall not exceed the amount specified in the PCC, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the Supplier to indemnify the Purchaser with respect to patent infringement.

31. Change in Laws and Regulations

31.1 Unless otherwise specified in the Contract, if after the date of the Invitation for Bids, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the

extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 15.

32. Force Majeure

32.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

32.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

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

33. Change Orders and Contract Amendments

33.1 The Purchaser may at any time order the Supplier through Notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) the method of shipment or packing;

(c) the place of delivery; and

(d) Any other

33.2 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 in the Delivery and Completion Schedule, or both, and the Contract shall accordingly be

amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

34. Extensions of Time

34.1 If at any time during performance of the Contract, the Supplier or its Subcontractors should encounter conditions impeding timely delivery of the Goods pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

34.2 Except in case of Force Majeure, as provided under GCC Clause 32, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 27, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.

35. Termination

35.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by Notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 34; or

(ii) if the Supplier fails to perform any other obligation under the Contract.

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 35.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods. However, the Supplier shall continue performance of the Contract to the extent not terminated.

(c) if the Supplier, in the judgment of the Purchaser has engaged in corrupt and fraudulent practices, as defined

in GCC Clause 3, in competing for or in executing the Contract.

35.2 Termination for Insolvency

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

35.3 Termination for Convenience

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

(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of the Notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.

36. Assignment

36.1 The Supplier shall not assign, in whole or in part, its obligations under this Contract, except with prior written consent of the Purchaser.

Particular Conditions of Contract

Particular Conditions of Contract

The following Particular Conditions of Contract (PCC) shall supplement the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

GCC Sub Clause 1.1(j)

The Purchaser's country is Islamic Republic of Pakistan.

GCC Sub Clause 1.1(k)

The Purchaser is: **Lahore Cantonment Board**

GCC Sub Clause 1.1 (q)

The Site is: **Sarfraz Rafiqi Road near Old CGH**

GCC Sub Clause 4.2 (b)

The version of Incoterms shall bethat prevailing on the date of Invitation for Bids.

GCC Sub Clause 5.1

The language shall be: **English**

GCC Sub Clause 7.1 and 7.2

The procurement is based on **National** Competitive Bidding.

GCC Sub Clause 8.1

For **notices**, the Purchaser's address shall be:

Attention: **Cantonment Executive Officer**

Address: **42 Sarwar Road Lahore Cantt.**

City: **Lahore**

ZIP Code: *[……]*

Country: **Pakistan**

Telephone: **99223003**

Facsimile number: *[……]*

Electronic mail address: **Lahorecb@gmail.com**

GCC Sub Clause 9.1

The governing law shall be the **Law of Cantonments**

GCC Sub Clause 10.2

Director Military Land and Cantonment (DML&C), Lahore Region is the sole Arbitrator in the case of any dispute rises between (LCB) and Contractor his decision will be final and binding on both parties.

GCC Sub Clause 11.1

The scope of Goods Supply is described in Schedule-D to Bid.

GCC Sub Clause 12.1

Details of shipping and other documents to be furnished by the Supplier.

GCC Sub Clause 16.1

The terms of payment shall be: Upon the completion of the work and deduct all taxes as levid by the Provincial and Federal Govt.

GCC Sub Clause 16.4

The currencies for payments shall be: Pak Rupees

GCC Sub Clause 18.1

The Supplier shall provide a Performance Security of 10% percent of the Contract Price. The Performance Security shall be denominated in the following amounts Pak Rupees.

GCC Sub Clause 18.3

The Supplier shall provide a Performance Security in the prescribed Form annexed to these Documents in the form of Bank Guarantee from any Scheduled Bank in Pakistan or from a bank located outside Pakistan duly counter-guaranteed by a Scheduled Bank in Pakistan or an insurance company having at least AA rating from PACRA/JCR.

The cost of complying with the requirements of this Sub-Clause shall be borne by the Contractor.

GCC Sub Clause 18.4

Discharge of Performance Security shall take place: after Completion of Project.

GCC Sub Clause 24.1

The insurance coverage shall be in accordance with: 100% responsibility of supplier

GCC Sub Clause 25.1

Obligations for transportation of the Goods shall be in accordance with:

Responsibility of the supplier

GCC Sub Clause 26.2

Tests and Inspections specified in Schedule F to Bid, shall be carried out at the following times or milestones, and places: **As per direction of Medical Consultant**

GCC Sub Clause 27.1

The liquidated damage shall be: 0.1% per week or part thereof

GCC Sub Clause 27.1

The maximum amount of liquidated damages shall be: 10% of the Caontract price

GCC Sub Clause 28.3

The period of validity of the Warranty shall be: 03 Years

GCC Sub Clause 28.5

The Supplier shall correct any defects covered by the Warranty within: 03 Years of being notified by the Purchaser of the occurrence of such defects

SPECIFICATIONS-
SPECIAL PROVISIONS

SPECIFICATIONS-
TECHNICAL PROVISIONS

Note: As per PMDC