

Bidding Document
For
**Procurement of Furniture & Fixture,
Newspapers, Periodical & Books and
Science Equipment for Establishment of**
**Shaheed Mohtarma Banazir Bhutto
College of Education Larkana**
Under ADP Scheme No.233 of 2015-16
(Technical Proposal)

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RECEIPT

Issued to M/S._____

Rs._____ **(Non-Refundable Non-Transferable)**

Pay order/ Demand Draft No. _____ **Dated**_____

ACCOUNTS OFFICER
Bureau of Curriculum and Extension
Wing Sindh Jamshoro
Education & Literacy Department

Part One-Section I.

Instructions to Bidders

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1. Source of Funds

1.1 The Procuring agency has received / applied for loan / grant federal / provincial / local government funds from the source(s) indicated in the bidding data in various currencies towards the cost of the project / schemes specified in the bidding data and it is intended that part of the proceeds of this loan/grant/funds/ will be applied to eligible payments under the contract for which these bidding documents are issued.

1.2 Payment by the Fund will be made only at the request of the Procuring agency and upon approval by the Government of Sindh, and in case of a project will be subject in all respect to the terms and conditions of the agreement. The Project Agreement prohibits a withdrawal from the allocated fund account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import, to the knowledge of the Sindh Government, is prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Procuring agency shall derive any rights from the Project Agreement or have any claim to the allocated fund proceeds.

2. Eligible Bidders

2.1 This Invitation for Bids is open to all suppliers from eligible source as defined in the SPP Rules, 2010 and its Bidding Documents except as provided hereinafter.

2.2 Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Procuring agency to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation for Bids.

2.3 Government-owned enterprises in the Province of Sindh may participate only if they are legally and financially autonomous, if they operate under commercial law, and if they are not a dependent agency of the Government of Sindh.

2.4 Bidders shall not be eligible to bid if they are under a declaration of ineligibility for corrupt and fraudulent practices issued by the any government organization in accordance with sub clause 34.1.

3. Eligible Goods and Services

3.1 All goods and related services to be supplied under the contract shall have their origin in eligible source countries, defined in the SPP Rules 2010 and its Bidding Documents,

and all expenditures made under the contract will be limited to such goods and services.

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

3.3 The origin of goods and services is distinct from the nationality of the Bidder.

4. Cost of Bidding

4.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Procuring agency named in the Bid Data Sheet, hereinafter referred to as "the Procuring agency," will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

B. The Bidding Documents

Content of Bidding Documents

5.1 the bidding documents include:

- a) Instructions to Bidders (ITB)
- b) Bid Data Sheet
- c) General Conditions of Contract (GCC)
- d) Special Conditions of Contract (SCC)
- e) Schedule of Requirements
- f) Technical Specifications
- g) Bid Form and Price Schedules
- h) Bid Security Form
- i) Contract Form
- j) Performance Security Form
- k) Manufacturer's Authorization Form

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

6. Clarification of Bidding Documents

6.1 A interested Bidder requiring any clarification of the bidding documents may notify the Procuring agency in writing. The Procuring agency will respond in writing to any request for clarification of the bidding documents which it receives no later than three working days prior to the deadline for the submission of bids prescribed in the Bid Data Sheet. Written copies of the Procuring agency's response (including an explanation of the query but without identifying the source of inquiry) will be sent to all interested bidders that have received the bidding documents.

7. Amendment of Bidding Documents

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

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

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

C. Preparation of Bids

8. Language of Bid

8.1 The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Procuring agency shall be written in the language specified in the Bid Data Sheet. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified in the Bid Data Sheet, in which case, for purposes of interpretation of the Bid, the translation shall govern.

9. Documents Comprising the Bid

9.1 The bid prepared by the Bidder shall comprise the following component:

- (a) a Bid Form and a Price Schedule completed in accordance with ITB Clauses 10, 11, and 12;
- (b) documentary evidence established in accordance with ITB

Clause 13 that the Bidder is eligible to bid and is qualified to perform the contract if its bid is accepted;

(c) documentary evidence established in accordance with ITB Clause 14 that the goods and ancillary services to be supplied by the Bidder are eligible goods and services and conform to the bidding documents; and

(d) Security furnished in accordance with JIB Clause 15.

10. Bid Form

10.1 The Bidder shall complete the Bid Form and the appropriate Price Schedule furnished in the bidding documents, indicating the goods to be supplied, a brief description of the goods, their country of origin, quantity, and prices.

11. Bid Prices

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

11.2 Prices indicated on the price Schedule shall be delivered duty paid (DDP) Prices. The price of other (incidental) services, if any listed in the bid data sheet will be entered

11.3 The Bidder's separation of price components in accordance with JIB Clause 11.2 above will be solely for the purpose of facilitating the comparison of bids by the Procuring agency and will not in any way limit the Procuring agency's right to contract on any of the terms offered.

11.5 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet. A bid submitted with an adjustable price quotation will be treated as nonresponsive and will be rejected, pursuant to JIB Clause 24. If, however, in accordance with the Bid Data Sheet, prices quoted by the Bidder shall be subject to adjustment during the performance of the contract, a bid submitted with a fixed price quotation will not be rejected, but the price adjustment would be treated as zero.

**12. Bid
Currencies**

12.1 Prices shall be quoted in Pak Rupees unless otherwise specified in the Bid Data Sheet.

**13. Documents
Establishing
Bidder's
Eligibility and
Qualification**

13.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, documents establishing the Bidder's eligibility to bid and its qualifications to perform the contract if its bid is accepted.

13.2 The documentary evidence of the Bidder's eligibility to bid shall establish to the Procuring agency's satisfaction that the Bidder, at the time of submission of its bid, is from an eligible country as defined under ITB Clause 2.

13.3 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Procuring agency's satisfaction:

(a) that, in the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods' Manufacturer or producer to supply the goods in the Procuring agency's country;

(b) that the Bidder has the financial, technical, and production capability necessary to perform the contract;

(c) that, in the case of a Bidder not doing business within the Procuring agency's country, the Bidder is or will be (if awarded the contract) represented by an Agent in that country equipped, and able to carry out the Supplier's maintenance, repair, and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and

(d) that the Bidder meets the qualification criteria listed in the Bid Data Sheet.

**14. Documents
Establishing
Goods'**

14.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods and services which the Bidder proposes to supply under the contract.

**Eligibility and
conformity to
Bidding
Documents**

14.2 The documentary evidence of the eligibility of the goods and services shall consist of a statement in the Price Schedule of the country of origin of the goods and services offered which shall be confirmed by a certificate of origin issued at the time of shipment.

14.3 The documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings, and data, and shall consist of:

(a) a detailed description of the essential technical and

performance characteristics of the goods;

(b) a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period to be specified in the Bid Data Sheet, following commencement of the use of the goods by the Procuring agency; and

(c) an item-by-item commentary on the Procuring agency's Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.

14.4 For purposes of the commentary to be furnished pursuant to ITB Clause 14.3(c) above, the Bidder shall note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Procuring agency in its Technical Specifications, are intended to be descriptive, only and not restrictive. The Bidder may substitute alternative standards, brand names, and/or catalogue numbers in its bid, provided that it demonstrates to the Procuring agency's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.\

15. Bid Security

15.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, a bid security in the amount specified in the Bid Data Sheet.

15.2 The bid security is required to protect the Procuring agency against the risk of Bidder's conduct which would warrant the security's forfeiture, pursuant to ITB Clause 15.7.

15.3 The bid security shall be in Pak. Rupees and shall be in one of the following forms:

- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the Procuring agency's country, in the form provided in the bidding documents or another form acceptable to the Procuring agency and valid for thirty (30) days beyond the validity of the bid; or
- (b) irrevocable en-cashable on-demand Bank call deposit.

15.4 Any bid not secured in accordance with ITB Clauses 15.1

and 15.3 will be rejected by the Procuring agency as nonresponsive, pursuant to ITB Clause 24.

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

15.6 The successful Bidder's bid security will be discharged upon the Bidder signing the contract, pursuant to ITB Clause 32, and furnishing the performance security, pursuant to ITB Clause 33.

15.7 The bid security may be forfeited:

- (a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Form; or
- (b) in the case of a successful Bidder, if the Bidder fails:
 - (i) to sign the contract in accordance with ITB clause 32; or.
 - (ii) To furnish performance security in accordance with ITB 33.

16.Period of Validity of Bids

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

16.2 In exceptional circumstances, the Procuring agency may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The bid security provided under ITB Clause 15 shall also be suitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid, except as provided in the bidding document.

17.Format and Signing of Bid

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

17.2 The original and the copy or copies of the bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid.

17.3 Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.

17.3 Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.

D. Submission of Bids

18. Sealing and Marking of Bids

18. 1 The Bidder shall seal the original and each copy of the bid in separate envelopes, duly marking the envelopes as ORIGINAL" and "COPY." The envelopes shall then be sealed in an outer envelope.

18.2 The inner and outer envelopes shall:

(a) be addressed to the Procuring agency at the address given in the Bid Data Sheet; and

(b) bear the Project name indicated in the Bid Data Sheet, the Invitation for Bids (IFB) title and number indicated in the Bid Data Sheet, and a statement: "DO NOT OPEN BEFORE," to be completed with the time and the date specified in the Bid Data Sheet, pursuant to ITB Clause 2.2.

18.3 The inner envelopes shall also indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared "late"

18.4 If the outer envelope is not sealed and marked as required by ITB Clause 18.2, the Procuring agency will assume no responsibility for the bid's misplacement or premature opening.

19. Deadline for Submission of Bids

19.1 Bids must be received by the Procuring agency at the address specified under ITB Clause 18.2 no later than the time and date specified in the Bid Data Sheet.

19.2 The Procuring agency may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in accordance with ITB Clause 7, in which case all rights and obligations of the Procuring agency and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

20.Late Bids

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

21. Modification and Withdrawal of Bids

21.1 The Bidder may modify or withdraw its bid after the bid's submission, provided that written notice of the modification, including substitution or withdrawal of the bids, is received by the Procuring agency prior to the deadline prescribed for submission of bids.

21.2The Bidder's modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of ITB Clause 18. by a signed confirmation copy, postmarked not later than the deadline for submission of bids.

21.3 No bid may be modified after the deadline for submission of bids.

21.4No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Form. Withdrawal of a bid during this interval may result in the Bidder's forfeiture of its bid security, pursuant to the ITB Clause 15.7.

E. Opening and Evaluation of Bids

22. Opening of Bids by the Procuring agency

22.1The Procuring agency will open all bids in the presence of bidders' representatives who choose to attend, at the time, on the date, and at the place specified in the Bid Data Sheet. The bidders' representatives who are present shall sign a register evidencing their attendance.

22.2 The bidders' names, bid modifications or withdrawals, bid prices, discounts, and the presence or absence of requisite bid security and such other details as the Procuring agency, at its

discretion, may consider appropriate, will be announced at the opening. No bid shall be rejected at bid opening, except for late bids, which shall be returned unopened to the Bidder pursuant to ITB Clause 20.

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

22.4 The Procuring agency will prepare minutes of the bid opening.

23. Clarification of Bids

23.1 During evaluation of the bids, the Procuring agency may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted.

24. Preliminary Examination

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

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

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

24.4 Prior to the detailed evaluation, pursuant to ITB Clause 25 the Procuring agency will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these Clauses, a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from, or objections or

reservations to critical provisions, such as those concerning Bid Security (ITB Clause 15), Applicable Law (GCC Clause 30), and Taxes and Duties (GCC Clause 32), will be deemed to be a material deviation. The Procuring agency's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

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

**25.Evaluation
and Comparison
of Bids**

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

25.2 The Procuring agency's evaluation of a bid will be on delivered duty paid (DDP) price inclusive of prevailing duties and will exclude any allowance for price adjustment during the period of execution of the contract, if provided in the bid.

25.3 The Procuring agency's evaluation of a bid will take into account, in addition to the bid price quoted in accordance with ITB Clause 11.2, one or more of the following factors as specified in the Bid Data Sheet, and quantified in ITB Clause 25.4:

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

25.4 For factors retained in the Bid Data Sheet pursuant to ITB

25.3, one or more of the following quantification methods will be applied, as detailed in the Bid Data Sheet:

(a) Incidental costs provided by the bidder will be added by Procuring agency to the delivered duty paid (DDP) price at the final destination.

(b) *Delivery schedule.*

(i) The Procuring agency requires that the goods under the Invitation for Bids shall be delivered at the time specified in the Schedule of Requirements which will be treated as the base, a delivery "adjustment" will be calculated for bids by applying a percentage, specified in the Bid Data Sheet, of the DDP price for each week of delay beyond the base, and this will be added to the bid price for evaluation. No credit shall be given to early delivery.

or (ii) The goods covered under this invitation are required to be delivered (shipped) within an acceptable range of weeks specified in the Schedule of Requirement. No credit will be given to earlier deliveries, and bids offering delivery beyond this range will be treated as nonresponsive. Within this acceptable range, an adjustment per week, as specified in the Bid Data Sheet, will be added for evaluation to the bid price of bids offering deliveries later than the earliest delivery period specified in the Schedule of Requirements.

or (iii) The goods covered under this invitation are required to be delivered in partial shipments, as specified in the Schedule of Requirements. Bids offering deliveries earlier or later than the specified deliveries will be adjusted in the evaluation by adding to the bid price a factor equal to a percentage, specified in the Bid Data Sheet, of DDP price per week of variation from the specified delivery schedule.

(C) *Deviation in payment schedule.*

(i) Bidders shall state their bid price for the payment schedule outlined in the SCC. Bids will be evaluated on the basis of this base price. Bidders are, however, permitted to state an alternative payment schedule and indicate the reduction in bid

price they wish to offer for such alternative payment schedule. The Procuring agency may consider the alternative payment schedule offered by the selected Bidder.

or (ii) The SCC stipulates the payment schedule offered by the Procuring agency. If a bid deviates from the schedule and if such deviation is considered acceptable to the Procuring agency, the bid will be evaluated by calculating interest earned for any earlier payments involved in the terms outlined in the bid as compared with those stipulated in this invitation, at the rate per annum specified in the Bid Data Sheet.

(d) *Cost of spare parts.*

(i) The list of items and quantities of major assemblies, components, and selected spare parts, likely to be required during the initial period of operation specified in the Bid Data Sheet, is annexed to the Technical Specifications. The total cost of these items, at the unit prices quoted in each bid, will be added to the bid price.

Or

(ii) The Procuring agency will draw up a list of high-usage and high-value items of components and spare parts, along with estimated quantities of usage in the initial period of operation specified in the Bid Data Sheet. The total cost of these items and quantities will be computed from spare parts unit prices submitted by the Bidder and added to the bid price.

(ii) The Procuring agency will estimate the cost of spare parts usage in the initial period of operation specified in the Bid Data Sheet, based on information furnished by each Bidder, as well as on past experience of the Procuring agency or other procuring agencies in similar situations. Such costs shall be added to the bid price for evaluation.

(e) *Spare parts and after sales service facilities in the Procuring agency's country.*

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

(f) Operating and maintenance costs.

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

(g) Performance and productivity of the equipment.

(i) Bidders shall state the guaranteed performance or efficiency in response to the Technical Specification. For each drop in the performance or efficiency below the norm of 100, an adjustment for an amount specified in the Bid Data Sheet will be added to the bid price, representing the capitalized cost of additional operating costs over the life of the plant, using the methodology specified in the Bid Data Sheet or in the Technical Specifications.

or

(ii) Goods offered shall have a minimum productivity specified under the relevant provision in the Technical Specifications to be considered responsive. Evaluation shall be based on the cost per unit of the actual productivity of goods offered in the bid, and adjustment will be added to the bid price using the methodology specified in the Bid Data Sheet or in the Technical Specifications.

(h) Specific additional criteria indicated in the Bid Data Sheet and/or in the Technical Specifications.

The relevant evaluation method shall be detailed in the Bid Data Sheet and/or in the Technical Specifications.

Alternative

25.4 Merit Point System:

The following merit point system for weighing evaluation factors can be applied if none of the evaluation methods listed in 25.4 above has been retained in the Bid Data Sheet. The number of

points allocated to each factor shall be specified in the Bid Data Sheet.

[In the Bid Data Sheet, choose from the range of]

Evaluated price of the goods	60 to 90
Cost of common list spare parts	0 to 20
Technical features, and maintenance and operating costs	0 to 20
Availability of service and spare parts	0 to 20
Standardization	0 to 20
Total	100

The bid scoring the highest number of points will be deemed to be the lowest evaluated bid.

**26 Contacting
the Procuring
agency**

26.1 Subject to ITB Clause 23, no Bidder shall contact the Procuring agency on any matter relating to its bid, from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of the Procuring agency, it should do so in writing.

26.2 Any effort by a Bidder to influence the Procuring agency in its decisions on bid evaluation, bid comparison, or contract award may result in the rejection of the Bidder's bid.

F. Award of Contract

**27.Post
Qualification**

27.1 In the absence of prequalification, the Procuring agency will determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated responsive bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in ITB Clause 13.3.

27.2 The determination will take into account the Bidder's financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Clause 13.3, as well as such other information as the Procuring agency deems necessary and appropriate.

27.3 An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder's bid, in which event the Procuring

agency will proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.

**28. Award
Criteria**

28.1 Subject to ITB Clause 30, the Procuring agency will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily.

**29. Procuring
agency's Right to
Vary Quantities
at Time of
Award**

29.1 The Procuring agency reserves the right at the time of contract award to increase or decrease, by the percentage indicated in the Bid Data Sheet, the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.

**30. Procuring
agency's Right to
Accept any Bid
and to Reject
any or All Bids**

30.1 The Procuring agency reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the Procuring agency's action.

**31. Notification
of Award**

31.1 Prior to the expiration of the period of bid validity, the Procuring agency will notify the successful Bidder in writing by registered letter or by cable, to be confirmed in writing by registered letter, that its bid has been accepted.

31.2 The notification of award will constitute the formation of the Contract.

31.3 Upon the successful Bidder's furnishing of the performance security pursuant to ITB Clause 33, the Procuring agency will promptly notify each unsuccessful Bidder and will discharge its bid security, pursuant to ITB Clause 15.

**32. Signing of
Contract**

32.1 At the same time as the Procuring agency notifies the successful Bidder that its bid has been accepted, the Procuring agency will send the Bidder the Contract Form provided in the bidding documents, incorporating all agreements between the parties.

32.2 Within thirty (30) days of receipt of the Contract Form, the successful Bidder shall sign and date the contract and return it to the Procuring agency.

**33. Performance
Security**

33.1 Within twenty (20) days of the receipt of notification of award from the Procuring agency, the successful Bidder shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the bidding documents, or in another form acceptable

34 Corrupt or Fraudulent Practices

to the Procuring agency.

33.2 Failure of the successful Bidder to comply with the requirement of ITB Clause 32 or ITB Clause 33.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Procuring agency may make the award to the next lowest evaluated Bidder or call for new bids.

34.1 The Government of Sindh requires that Procuring agency's (including beneficiaries of donor agencies' loans), as well as Bidders/Suppliers/Contractors under Government-financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the SPPRA, in accordance with the SPP Act, 2010 and Rules made thereunder:

(a) defines, for the purposes of this provision, the terms set forth below as follows:

(i) "corrupt practice" means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring agency, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial noncompetitive levels and to deprive the Procuring agency of the benefits of free and open competition;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

(c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Government-financed contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a Government-financed contract.

34.2 Furthermore, Bidders shall be aware of the provision stated in sub-clause 5.4 and sub-clause 24.1 of the General Conditions of Contract.

Part One - Section II.

General Conditions of Contract

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General Conditions of Contract

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

(a) "The Contract" means the agreement entered into between the Procuring agency and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

(b) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.

(c) "The Goods" means all of the equipment, machinery, and/or other materials which the Supplier is required to supply to the Procuring agency under the Contract.

(d) "The Services" means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Supplier covered under the Contract.

(e) "GCC" means the General Conditions of Contract contained in this section.

(f) "SCC" means the Special Conditions of Contract.

(g) "The Procuring agency" means the organization purchasing the Goods, as named in SCC.

(h) "The Procuring agency's country" is the country named in SCC.

(i) "The Supplier" means the individual or firm supplying the Goods and Services under this Contract.

(j) "The Project Site," where applicable, means the place or places named in SCC.

(k) "Day" means calendar day. 2 Application 21

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

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

6. Patent Rights

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

7. Performance Security

7.1 Within twenty (20) days of receipt of the notification of Contract award, the successful Bidder shall furnish to the Procuring agency the performance security in the amount specified in SCC.

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

7.3 The performance security shall be denominated in the currency of the Contract acceptable to the Procuring agency and shall be in one of the following forms:

- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the Procuring agency's country, in the form provided in the bidding documents or another form acceptable to the Procuring agency; or
- (b) a cashier's or certified check.

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

8. Inspections and Tests

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

purposes.

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

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

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

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

9. Packing

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

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

10. Delivery and Document

10.1 Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are specified in SCC.

10.2 Documents to be submitted by the Supplier are specified in SCC.

11. Insurance

11.1 The Goods supplied under the Contract shall be delivered duty paid (DDP) under which risk is transferred to the buyer after having been delivered, hence insurance coverage is sellers responsibility.

12. Transportation

12.1 The Supplier is required under the Contract to transport the Goods to a specified place of destination within the Procuring agency's country, transport to such place of destination in the Procuring agency's country, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price.

13. Incidental Services

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

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

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

prevailing rates charged for other parties by the Supplier for similar services.

14. Spare Parts

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

(a) such spare parts as the Procuring agency may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the Contract; and

(b) in the event of termination of production of the spare parts:

(i) advance notification to the Procuring agency of the pending termination, in sufficient time to permit the Procuring agency to procure needed requirements; and

(ii) following such termination, furnishing at no cost to the Procuring agency, the blueprints, drawings, and specifications of the spare parts, if requested.

15. Warranty

15.1 The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Procuring agency's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.

15.2 This warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.

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

15.4 Upon receipt of such notice, the Supplier shall, within the period specified in SCC and with all reasonable speed, repair

or replace the defective Goods or parts thereof, without costs to the Procuring agency.

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

16. Payment

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

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

16.3 Payments shall be made promptly by the Procuring agency, but in no case later than sixty (60) days after submission of an invoice or claim by the Supplier.

16.4 The currency of payment is Pak. Rupees.

17. Prices

17.1 Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in SCC or in the Procuring agency's request for bid validity extension, as the case may be.

18. Change Orders

18.1 The Procuring agency may at any time, by a written order given to the Supplier pursuant to GCC Clause 31, make changes within the general scope of the Contract in any one or more of the following:

- a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Procuring agency;
- b) the method of shipment or packing;
- c) the place of delivery; and/or

d) the Services to be provided by the Supplier.

18.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Procuring agency's change order.

19.Contract Amendments

19.1 Subject to GCC Clause 18, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

20. Assignment

20.1 The Supplier shall not assign, in whole or in part, its obligations to perform under this Contract, except with the Procuring agency's prior written consent.

21. Subcontracts

21.1 The Supplier shall notify the Procuring agency in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the Supplier from any liability or obligation under the Contract.

21.2 Subcontracts must comply with the provisions of GCC Clause 3.

2.1 Delivery of the Goods and performance of Services shall be made Supplier's by the Supplier in accordance with the time schedule prescribed by the Performance Procuring agency in the Schedule of Requirements.

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

22.3 Except as provided under GCC Clause 25, a delay by the

Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 23, unless an extension of time is agreed upon pursuant to GCC Clause 22.2 without the application of liquidated damages.

23.Liquidated 23.1 Subject to GCC Clause 25, if the Supplier fails to deliver any or

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

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

(a) if the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring agency pursuant to GCC Clause 22; or

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

(c) if the Supplier, in the judgment of the Procuring agency has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this clause:

"corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

"fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.

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

25. Force Majeure

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

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

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

26. Termination for Insolvency

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

**27. Termination
for Convenience**

accrue thereafter to the Procuring agency.

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

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

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

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

**28. Resolution of
Disputes**

28.1 The Procuring agency and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

28.2 If, after thirty (30) days from the commencement of such informal negotiations, the Procuring agency and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms specified in SCC. These mechanisms may include, but are not restricted to, conciliation mediated by a third party, adjudication in an agreed manner and/or arbitration.

**29. Governing
Language**

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

**30. Applicable
Law**

30.1 The Contract shall be interpreted in accordance with the laws of the Procuring agency's country, unless otherwise specified in SCC.

30. Notices

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

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

32. Tax and Duties

32.1 Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Procuring agency.

Sindh Public Procurement Regulatory Authority

Bidding Documents

For

Procurement of Goods

PART TWO (PROCUREMENT SPECIFIC PROVISIONS)

- Invitation for Bids (IFB)
- Bid Data Sheet (BDS)
- Special Conditions of Contract (S CC)
- Schedule of Requirements
- Technical Specifications
- Sample Form
- Eligibility

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Government of Sindh
Education and Literacy Department



Bureau of Curriculum & Extension
Wing Sindh At Jamshoro

E.Mail. estbcews@gmail.com Tel: 022-9213405-6

Website www.bcews.gos.pk Fax: 022-2771179

INVITATION OF BIDS

Sealed Bids are invited from Reputable / Established Firms /Suppliers / Contractors, registered with income tax and sales Tax authorities, for Procurement of Furniture & Fixture / Equipment's. Science Material and Newspapers, periodical and Books for establishment of Shaheed Mohatarma Benazir Bhutto Government College of Education, Larkana under ADP Scheme 233 of 2015-16.

Cost of Bidding Document	Rs. 2,000 in form of PO/DD
Bid Security	3% of Bid Value
Tender Document Purchase date	From 30-05-2016 to 07-06-2016 till 11.30 am.
Tender Document Submission date	07-06-2016 upto 12:30 pm.
Tender Document (Technical Proposal only) opening date	07-06-2016 at 01:30 pm.
Opening of Financial Proposals (Technically Qualified Proposals Only)	07-06-2016 at 04:30 pm.

DOCUMENTS COLLECTION:

Tender Documents can be obtained on submission of a written request on Company Letter head supported by Copies of GST and NTN Certificates during Office Working Hours on Payment of Tender Document cost of Rs.2,000/- (Non-Refundable/ Non-Transferable) in form of PO/DD in favour of **"Director, Bureau of Curriculum and Extension Wing Sindh, Jamshoro"** from the following address:

Accounts Officer

Bureau of Curriculum and Extension Wing Sindh, Jamshoro

Ph: 022-9213406

- Sealed Bids with necessary attachments accompanied by the Bid Security should be dropped in Tender Box (marked "Procurement") at Bureau of Curriculum and Extension Wing Sindh Jamshoro, on the Tender Document Submission Date and Time.
- Bid Opening procedure will be Single Stage Two Envelops System (Bid shall comprise of a Single Package containing Two Separate Envelops inside). One Envelop shall contain Technical Proposal containing complete Material Specifications, Company profile, NTN and GST Certificates of the Company and other Envelope shall contain Financial Bid. The Envelopes should be clearly marked as "Technical Proposal" and "Financial Proposal" respectively in Bold Legible letters initially Only Technical Proposals will be opened.
- The Bids will be opened on the aforementioned Date and Time in presence of Bidders or their Authorized Representatives, Prospective Bidders are invited to attend the tender Opening (Single Representation).
- Incomplete or Conditional Tenders cannot be considers or entertained.
- BC&EWS reserves the right to accept or reject any Bid(s), subject to relevant Provisions of Sindh Procurement Rules 2010.

Chairman Procurement Committee

Additional Director TTI, Sindh Hyderabad



**Government of Sindh
Education and Literacy Department**



**Bureau of Curriculum & Extension
Wing Sindh @ Jamshoro**

Email: bcews@yahoo.com Tel: 022-9213405-6
bocews@gmail.com Fax: 022-2771179

CORRIGENDUM

INF-KRY No.2445/16 published in daily Jang, Karachi, daily Dawn Karachi on 2nd June 2016 and daily Kawish Hyderabad on 3rd June 2016 regarding purchase of procurement of furniture and fixture/ Equipment's Science Material and Newspapers, periodical and Books for establishment of Shaheed Mohtarma Benazir Bhutto Government College of Education, Larkana under ADP Scheme 233 of 2015-16. The dates of purchase of tender and opening may be read as under. Other terms and conditions will remain same:

Cost of Bidding Documents	Rs. 2,000 in form of PO/DD
Bid Security	3 % of Bid Value
Tender Document Purchase Date	Up to 16.06.2016 11:30 AM
Tender Document Submission date	16.06.2016 up to 12:30 PM
Tender Document opening date (Technical Proposal only)	16.06.2016 at 01:30 PM
Opening of Financial Proposals (technically Qualified Proposals only)	16.06.2016 at 04:30 PM

**Chairman Procurement Committee
Additional Director, TTI Sindh, Hyderabad**

SECTION OFFICER (S-I)

BID EVALUATION CRITERIA

The Bidder should provide tag with serial number mentioned in evolution criteria along with relevant document separately.

Description Weights

***** Technical Evaluation 70%**

***** Financial Evaluation 30%**

EVALUATION CRITERIA

PRELIMINARY CHECK LIST/ELIGIBILITY OF FIRM

S. No	Check List	Attachment		
1	Registration with Tax Authority	NTN	GST	SRB
2	Bid Security @ 3%	Pay Order/ Call Deposit	Name of Bank	No & Date of Issuance

TECHNICAL EVALUATION CRITERIA

Sr. No.	Participants	Description	Maximum Points												
1.	Financial (Minimum 15 Points Compulsory)	(a)Financial Accounts Statement for Previous three years	10												
		<table><tr><td>Available Capital/ Cash / R.F / L.G Resources annually</td><td>Point</td></tr><tr><td>2 Million (Minimum)</td><td>3</td></tr><tr><td>4 Million (Minimum)</td><td>5</td></tr><tr><td>6 Million (Minimum)</td><td>8</td></tr><tr><td>8 Million (Minimum)</td><td>10</td></tr></table>	Available Capital/ Cash / R.F / L.G Resources annually	Point	2 Million (Minimum)	3	4 Million (Minimum)	5	6 Million (Minimum)	8	8 Million (Minimum)	10			
Available Capital/ Cash / R.F / L.G Resources annually	Point														
2 Million (Minimum)	3														
4 Million (Minimum)	5														
6 Million (Minimum)	8														
8 Million (Minimum)	10														
		(b) Income Tax paid / deducted for previous three years on supplies (attached evidence tax deducted on supply of goods only)	10												
		<table><tr><td>Amount of Income Tax Deducted annually</td><td>Point</td></tr><tr><td>Minimum Rs.300000</td><td>3</td></tr><tr><td>Minimum Rs.400000</td><td>5</td></tr><tr><td>Minimum Rs.500000</td><td>7</td></tr><tr><td>Minimum Rs.600000</td><td>9</td></tr><tr><td>Minimum Rs.700000</td><td>10</td></tr></table>	Amount of Income Tax Deducted annually	Point	Minimum Rs.300000	3	Minimum Rs.400000	5	Minimum Rs.500000	7	Minimum Rs.600000	9	Minimum Rs.700000	10	
Amount of Income Tax Deducted annually	Point														
Minimum Rs.300000	3														
Minimum Rs.400000	5														
Minimum Rs.500000	7														
Minimum Rs.600000	9														
Minimum Rs.700000	10														
		(c) Cash flow available for previous three years (attached Bank Statement)	10												
		<table><tr><td>Amount of annual turnover</td><td>Point</td></tr><tr><td>Twenty Million</td><td>2</td></tr><tr><td>Thirty Million</td><td>4</td></tr><tr><td>Forty Million</td><td>6</td></tr><tr><td>Fifty Million</td><td>8</td></tr><tr><td>Sixty Million</td><td>10</td></tr></table>	Amount of annual turnover	Point	Twenty Million	2	Thirty Million	4	Forty Million	6	Fifty Million	8	Sixty Million	10	
Amount of annual turnover	Point														
Twenty Million	2														
Thirty Million	4														
Forty Million	6														
Fifty Million	8														
Sixty Million	10														

2.	Experience in supply of furniture & Fixture, equipment's Science Material & Library Books etc.	(a) General Experience of supply attach documentary evidence Minimum five years <table><tr><td>Five years Million</td><td>3</td></tr><tr><td>Six years Million</td><td>4</td></tr><tr><td>Nine years Million</td><td>5</td></tr><tr><td>Ten years Million</td><td>6</td></tr><tr><td>Twelve Years Million</td><td>7</td></tr><tr><td>Fifteen Years Million</td><td>8</td></tr><tr><td>More than 15 Years</td><td>10</td></tr></table>	Five years Million	3	Six years Million	4	Nine years Million	5	Ten years Million	6	Twelve Years Million	7	Fifteen Years Million	8	More than 15 Years	10	10
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Ten years Million	6																
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Fifteen Years Million	8																
More than 15 Years	10																
		(b) Experience of supply of goods with educational institutions i.e. colleges/school (Minimum 5 years) attach documentary evidence <table><tr><td>Five years</td><td>5</td></tr><tr><td>Ten years</td><td>7</td></tr><tr><td>Fifteen years</td><td>8</td></tr><tr><td>Eighteen years</td><td>10</td></tr></table>	Five years	5	Ten years	7	Fifteen years	8	Eighteen years	10	10						
Five years	5																
Ten years	7																
Fifteen years	8																
Eighteen years	10																
3.	Technical Setup for manufacturing/Supplying Capacity	a. Availability of appropriate manufacturing setup or factory (attached evidence) b. Manufacturing capacity per annum (attached evidence) c. Availability of technical manpower (Technical=_____ & Non-Technical_____) d. Availability of transportation facility (No of Vehicles available=_____)	10 10 10 10														
5.	ISO	ISO Certifications	02														
6.	Alternate Power Facility	Upto 50 KW 01 Upto 100 KW 02 Above 100 KW 03	03														
7.	Storage Capacity	2.5 points for each 10,000 sq. feet of space	05														
		Total	100														

Note: Minimum Qualifying points must be 70% in each section of Financial Stability / Experience in supply field and technical setup for manufacturing.

Remarks _____ Qualified / Disqualified

Signature: _____

Dated _____

Signature of Committee Members _____

Bid Data Sheet

Introduction	
ITB1.1	Name of Procuring Agency: Bureau of Curriculum and Extension Wing Sindh Jamshoro Education & Literacy Department Government of Sindh.
ITB 1.1	ADP SCHEME No. 233 OF 2015-16 for Procurement of Furniture & Fixture, Newspapers, Periodicals & Books and Science Equipment's for Establishment of Shaheed Mohtarma Benazir Bhutto College of Education Larkana Working Under Bureau of Curriculum and Extension Wing Sindh Jamshoro l of Education & Literacy Department
ITB 1.1	Name of Contract: Procurement of Furniture & Fixture / Equipment, Science Material, Periodicals & Books.
ITB 4.1	Name of Procuring agency: Bureau of Curriculum and Extension Wing Sindh Jamshoro of Education & Literacy Department
ITB 6.1	Procuring agency's address, telephone, telex, and facsimile numbers: Accounts Officer Bureau of Curriculum and Extension Wing Sindh, Station road Jamshoro. Tell. No.0229213406, 0229213407, Fax: 0222771179
ITB 8.1	Language of the bid. English
Bid Price and Currency	
ITB 11.2	The price quoted shall be: In addition to delivered duty paid (DDP) price.
ITB 11.5	The price shall be fixed.
Preparation and Submission of Bids	
ITB 13.3 (d)	Qualification requirements. Requirement for a minimum level of experience in a similar type of goods for which the Invitation for Bids is issued. And also meet the requirement of evaluation Criteria mentioned in the bidding documents

ITB 14.3 (b)	Spare parts required for <i>[number]</i> of years of operation. N/A
ITB 15.1	Amount of bid security. three (3) percent of the bid amount.
ITB 16.1	Bid validity period: The validity should be thirty (30) days.
ITB 17.1	Number of copies. One Original & One Copies
ITB 18.2 (a)	Address for bid submission: Bureau of Curriculum and Extension Wing Sindh, Station road Jamshoro.
ITB 18.2 (b)	IFB title and number: BC/EXT/AD(E&A)/ /2016 dated. _____
ITB 19.1	Deadline for bid submission. 26-05-2016 up to (1:00 PM).
ITB 22.1	Time, date, and place for bid opening. (At Directorate of bureau of Curriculum & Extension Wing Sindh Jamshoro) On 26-05-2016 at 2:00 PM.
Bid Evaluation	
ITB 25.3	Criteria for bid evaluation. criteria listed in ITB Clause 25.3 (e.g., 25.3 (b) and (c)), and in the reference under ITB 25.4 below. Retain only the evaluation method to apply and the relevant parameters corresponding to the retained <i>criteria (e.g., 25.4 (b) (i) and (c) (ii)).</i>

ITB 25.4 (a)	One option only.
ITB 25.4 (b)	<p>Delivery schedule.</p> <p>Relevant parameters in accordance with option selected:</p> <p>adjustment expressed as a percentage</p>
<p>Option (i)</p> <p>or</p> <p>Option (ii)</p> <p>or</p> <p>Option (iii)</p>	<p>adjustment expressed in an amount in the currency of bid evaluation,</p> <p>adjustment expressed as a percentage</p> <p><i>[A rate of one-half (0.5) percent per week is a reasonable figure. The percentage of liquidated damages specified in SCC should be higher.]</i></p>
ITB 25.4 (c) (ii)	<p>Deviation in</p> <p>payment schedule.</p> <p>Annual interest</p> <p>rate.</p>
ITB 25.4 (d)	<p>Cost of spare parts. (N/A)</p> <p><i>[Specify the applicable method—(i, 00, or (iii)—and factors (e.g., number of years) and reference to the Appendix to the Technical Specifications, as required.]</i></p>

ITB 25.4 (e)	Spare parts and after sales service facilities in the Procuring agency's country: After sales service facilities according to requirement required.
ITB 25.4 (f)	Operating and maintenance costs. (N/A) Factors for calculation of the life cycle cost: (i) number of years for life cycle <i>[it is recommended that the life cycle period should not exceed the usual period before a planned major overhaul of the goods];</i>
	(ii) operating costs [e.g., fuel and/or other input, unit cost, and annual and total operational requirements]; (iii) maintenance costs [e.g., spare parts—without duplication of above Clause 25.4(d) requirements—and/or other inputs]; and (iv) rate, as a percentage, to be used to discount all annual future costs calculated under (ii) and (iii) above to present value. or Reference to the methodology specified in the Technical Specifications or elsewhere in the bidding documents. 0.05%
ITB 25.4 (g)	Performance and productivity of equipment: required
ITB 25.4 (h)	Details on the evaluation method or reference to the Technical Specifications: According to criteria mentioned
ITB 25.4 Alternative	Specify the evaluation factors. According to criteria mentioned
Contract Award	
ITB 29.1	Percentage for quantity increase or decrease. fifteen (20) percent

Section III. Special Conditions of Contract

Part Two - Section III. Special Conditions of Contract.

Table of Clauses

1. DEFINITIONS (GCC CLAUSE 1)	
2. COUNTRY OF ORIGIN (GCC CLAUSE 3)	
3. PERFORMANCE SECURITY (GCC CLAUSE 7)	
4. INSPECTIONS AND TESTS (GCC CLAUSE 8)	
5. PACKING (GCC CLAUSE 9)	
6. DELIVERY AND DOCUMENTS (GCC CLAUSE 10)	
7. INSURANCE (GCC CLAUSE 11)	
8. INCIDENTAL SERVICES (GCC CLAUSE 13)	
9. SPARE PARTS (GCC CLAUSE 14)	
10. WARRANTY (GCC CLAUSE 15)	
11. PAYMENT (GCC CLAUSE 16)	
12. PRICES (GCC CLAUSE 17)	
13. LIQUIDATED DAMAGES (GCC CLAUSE 23)	
14. RESOLUTION OF DISPUTES (GCC CLAUSE 28)	
15. GOVERNING LANGUAGE (GCC CLAUSE 29)	
16. NOTICES (GCC CLAUSE 31)	

Part Two - Section III. Special Conditions of Contract

Special Conditions of Contract

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

1. Definitions (GCC Clause 1)

GCC 1.1 (g)—The Procuring agency is: Bureau of Curriculum and Extension
Wing Sindh Jamshoro

GCC 1.1 (h)—The Procuring agency's country is: Islamic Republic of Pakistan

GCC 1.1 (i)—The Supplier is:

Sample Provision

GCC 1.1 (j)—The Project Site is: Shaheed Mohtarma Benazir Bhutto
Government College of Education Larkana

2. Country of Origin (GCC Clause 3)

All countries and territories as indicated in Part Two Section VI of the bidding documents, "Eligibility for the Provisions of Goods, Works, and Services in Government-Financed Procurement".

3. Performance Security (GCC Clause 7)

GCC 7.1—The amount of performance security, as a percentage of the Contract Price, shall be: (10) percent of the Contract Price

[The following provision should be used in the case of Goods having warranty obligations.]

GCC 7.4—After delivery and acceptance of the Goods, the performance security shall be reduced to two (2) percent of the Contract Price to cover the Supplier's warranty obligations in accordance with Clause GCC 15.2.

4. Inspections and Tests (GCC Clause 8)

GCC 8.6—Inspection and tests prior to shipment of Goods and at final acceptance are as follows:

5. Packing (GCC Clause 9)

Sample provision

GCC 9.3—The following SCC shall supplement GCC Clause 9.2:

6. Delivery and Documents (GCC Clause 10)

Sample provision (DDP terms)

GCC 10.3—Upon shipment, the Supplier shall notify the Procuring agency the full details of the shipment, including Contract number, description of Goods, quantity and usual transport document. The Supplier shall mail the following documents to the Procuring agency:

- (i) copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
- (ii) original and two copies of the usual transport document (for example, a negotiable bill of lading, a non-negotiable sea waybill, an inland waterway document, an air waybill, a railway consignment note, a road consignment note, or a multimodal transport document) which the buyer may require to take the goods;
- (iii) copies of the packing list identifying contents of each package;
- (iv) insurance certificate;
- (v) Manufacturer's or Supplier's warranty certificate;
- (vi) inspection certificate, issued by the nominated inspection agency, and the Supplier's factory inspection report; and
- (vii) certificate of origin.

7. Insurance (GCC Clause 11)

GCC 11.1— The Goods supplied under the Contract shall be delivered duty paid (DDP) under which risk is transferred to the buyer after having been delivered, hence insurance coverage is sellers responsibility. Since the Insurance is seller's responsibility they may arrange appropriate coverage.

8. Incidental Services (GCC Clause 13)

GCC 13.1—Incidental services to be provided are:

[Selected services covered under GCC Clause 13 and/or other should be specified with the desired features. The price quoted in the bid price or agreed with the selected Supplier shall be included in the Contract Price.]

9. Spare Parts (GCC Clause 14)

GCC 14.1—Additional spare parts requirements are:

Sample provision

GCC 14.1—Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods. Other spare parts and components shall be supplied as promptly as possible, but in any case within six (6) months of placing the order and opening the letter of credit.

10. Warranty(GCC Clause 15)

Sample provision

GCC 15.2—In partial modification of the provisions, the warranty period shall be _____hours of operation or ____months from date of acceptance of the Goods or (_____) months from the date of shipment, whichever occurs earlier. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the Contract. If, for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall, at its discretion, either:

(a) make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with SCC 4,

Or

(b) pay liquidated damages to the Procuring agency with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be (_____).

[The rate should be higher than the adjustment rate used in the bid evaluation under ITB 25.4 (f) or (g).]

GCC 15.4 & 15.5—The period for correction of defects in the warranty period is:

11. Payment (GCC Clause 16)

Sample provision

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

Payment for Goods supplied:

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

- (i) 100% of the Contract Price on complete delivery of store within thirty (30) days on submission of claim supported by acceptance certificate from procuring agency declaring Goods have been delivered and that all contracted services have been performed.

12. Prices (GCC Clause 17)

Sample provision

GCC 17.1—Prices shall be adjusted in accordance with provisions in the Attachment to SCC.

[To be inserted only ([price is subject to adjustment.]

13. Liquidated Damages (GCC Clause 23)

GCC 23.1—Applicable rate:

Maximum deduction:

(0.5) percent per week, percent of the Contract Price.

14. Resolution of Disputes (GCC Clause 28)

GCC 28.3—The dispute resolution mechanism to be applied pursuant to GCC Clause 28.2 shall be as follows:

In the case of a dispute between the Procuring agency and the Supplier, the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Procuring agency's country.

15. Governing Language (GCC Clause 29)

GCC 29.1—The Governing Language shall be:

16. Applicable Law (GCC Clause 30)

GCC 30.1-The Contract shall be interpreted in accordance with the laws of Islamic Republic of Pakistan which includes the following legislation:

The Employment of Children (ECA) Act 1991
The Bonded Labour System (Abolition) Act of
1992 The Factories Act 1934

17. Notices (GCC Clause 31)

GCC 31.1 —Procuring agency's address for notice purposes:

—Supplier's address for notice purposes:

SCIENCE EQUIPMENT'S

1. Physics Department
2. Botany Department
3. Zoology Department
4. Chemistry Department

LIST OF SCIENCE MATERIAL

LIST OF EQUIPMENT FOR CHEMISTRY LABORATORY

Sr. No	Name of Equipment
1	Beaker tong
2	Beakers glass 50ml, 100ml, 150ml, 200ml, 250ml, 500ml, 1000ml
3	Bends glass
4	Bunsen Burner
5	Burette 50 cm³
6	China dish
7	Clamp burette
8	Clay triangle
9	Condenser
10	<u>Crucible & lid/cover, 30 ml</u>
11	Crucible tongues
12	Crystallizing dishes
13	Density bottle
14	Dropper
15	Electric/digital Balance
16	Erlenmeyer flask
17	Evaporating dish
18	Filter paper
19	Florence flasks
20	Forceps
21	Funnel
22	Gas Jar
23	Graduated Cylinder 50ml, 100ml, 150ml, 200ml (pyrex)
24	Hot plate / stir plate
25	Kipp's Apparatus
26	Laboratory adaptor
27	Litmus papers (Red and blue)
28	measuring cylinders 10ml, 100ml, 250ml, 500ml
29	Meter Stick
30	Microscope
31	Mortar and pestle
32	Petri Dish
33	PH papers
34	Pipette 5ml, 10ml
35	Reagent bottles 100ml, 250ml, 500ml
36	Ring clamp
37	Ring stand 4'x6', base 18' rod
38	Round Bottom Flask 250ml, 500ml
39	Rubber stopper/cork

40	Rubber tubing
41	Safety Goggles
42	Spatula
43	Sprit Burner/lamp
44	Stirring rod
45	Test tube
46	Test Tube Brush
47	Test Tube Clamp
48	Test Tube Holder (wooden, iron, plastic)
49	Test tube rack
50	Thermometer (Celsius and Fahrenheit)
51	Triple Beam Balance
52	Volumetric flask, 50ml, 100ml
53	Volumetric flask/pipet
54	Wash bottle
55	Watch glass
56	Weighing paper
57	Wire gauze

Sr. No	Name of Chemical
1	Acetic acid
2	Acetone
3	Alcohol
4	Ammonium chloride
5	Ammonium hydroxide
6	Benzene
7	Bromine water
8	Calcium carbonate
9	Calcium hydroxide
10	Calcium chloride
11	Calcium sulphate
12	Carbon tetrachloride
13	Caustic soda
14	Chloroform
15	Citric acid
16	Copper sulphate
17	Ether
18	Ethyl alcohol
19	Fehling solution
20	Ferrous sulphate
21	Filter paper
22	Glucose
23	Glycerin
24	Hydrochloric acid
25	Iodine
26	Iron sulphate
27	Iron wool
28	Lead acetate
29	Limewater
30	Magnesium
31	Magnesium carbonate
32	Magnesium sulfate (Epsom salt)
33	Manganese dioxide
34	Marble chips
35	Mercury
36	Methyl orange indicator
37	Methanol (CH ₃ OH)
38	Methyl red
39	Naphthalene (C ₁₀ H ₈)
40	Nickle
41	Nitric acid

42	Oxalic acid
43	Paraffin wax
44	Phenol (C ₆ H ₅ OH)
45	Phosphoric acid (H ₃ PO ₄)
46	Phenolphthalein (C ₂₀ H ₁₄ O ₄)
47	Potassium bromide (Potash)
48	Potassium carbonate
49	Potassium chloride
50	Potassium dichromate (K ₂ Cr ₂ O ₇)
51	Potassium hydroxide
52	Potassium nitrate
53	Potassium permanganate
54	Silver bromide
55	Silver nitrate
56	Sodium carbonate
57	Sodium chloride
58	Sodium bicarbonate
59	Sodium hydroxide
60	Sodium nitrate
61	Sodium metal
62	Sodium nitrate
63	Starch
64	Sulfuric acid
65	Tartaric acid (wine preservative)
66	Urea
67	Vinegar
68	Zinc
69	Zinc sulphate

PHYSICS LAB			
1	Vernier Calliper	45	Electric Balance
2	Micrometer Screw Guage	46	Beaker
3	Iron Ball Different Sizes	47	Spring
4	Inclined Plane Set	48	Weight Box Set
5	Turning Fork	49	Optical Bench
6	Rehostale	50	Thread
7	Resistan Box	51	Spherometer
8	Power Supply	52	Iron Bob
9	Drawing Board	53	Angle Iron Stand
10	Common Pins	54	Multimeter
11	Thumb Pins	55	Ring Ball
12	Glass Slab	56	Electric Series Circuit & Parallel Circuit
13	Prism	57	Tapping Key
14	Ammeter	58	Young's Module Apparatus Set
15	Galvanometer	59	Rising Table
16	Voltmeter	60	Potential Meter
17	Convex Lens	61	Ohm Meter
18	Concave Lens	62	Jockey
19	Convex Mirror	63	Models
20	Concave Mirror	64	Compass
21	Key	65	Magnetic Needle with stand
22	Connecting Wire	66	Magnetics
23	Clinical Thermometer	67	Kitchen Balance
24	Liquid in Glass Thermometer	68	Hydrometer
25	Max: & Min: Thermometer	69	Dry Battery
26	Stop Watch Digital & Analog	70	Barometer
27	Meter Scale	71	Anoraid Barometer
28	Magnifying Glass	72	Projectile Motion Apparatus
29	Physical Balance	73	Hooks Law Apparatus
30	Cork	74	Ripple Tank
31	Resonance Tube	75	Surface Tension Apparatus Set with Microscope
32	Coil	76	Optical Pin stand
33	Calorimeter	77	Sono matter
34	Calorimeter with Coil	78	Travelling Telescope
35	Plane Mirror	79	Tuning Frog
36	Laser Light		
37	Telescope	76	Drawing Board

38	Clamp Stand	77	Vector Board
39	Spirit Lamp	78	Resonance tube stand
40	Triangle Stand	79	Helical Spring
41	Turbine Oil	80	Resource Tube
42	Shunt	81	Electro Calorie matter
43	Small Ball	82	Horizontal Plan with pulley
44	Elastic Ball	83	Sphero matter

BOTANY LAB

Sr. No.	Botany Equipment's
1	Onion Slide Material
2	Nostoe Slide Material
3	Euglena Slide Material
4	Ulva Side and Material
5	Marchantia Slide Material
6	Pinus Cone and Female Cone Slide
7	Mitosis Stage and Slide
8	Meiosis Stage and Slide
9	Simple Tissues Slide
10	Complex Tissue Slide
11	Dicot Root Stem Material Slide
12	Monocot Root System Material Slide
13	Dicot Leaf Slide Material
14	Monocot Leaf Slide Material
15	Simple Microscope
16	Compound Microscope

S.No	ALGEA
1	Nostoc
2	Volvox
3	Oedogonium
4	Chlorella
5	Ulva
6	Spirogyra
7	Ulothrix
8	Chara
9	Vaucheria
10	Ectocarpus
11	Polysiphonia
12	Oscillatoria

S.No	FUNGI
1	Saccharomyces Sereve (Yeast)
2	Penicillium
3	Nurospora
4	Rhyzopus

5	Mucor
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S.No	PTERIDOPHYTA/TRACHEOPHYTA
1	Selaginella
2	Psilotum
3	Equisotum
4	Adiantum
5	Aspedium

S.No	GYMNOSPERMS
1	Pinus
2	Cycas
3	Ephedra

S.No	ANATOMY OF GYMNASPERMS
1	Monocot Root
2	Monocot Stem
3	Monocot Leaf
4	Dicot Root
5	Dicot Stem
6	Dicot Leaf

S.No	CATALOGY & GENETICS
1	Mitosis
2	Meiosis

ZOOLOGY LAB

S.No	Equipment
1	Simple Microscope
2	Compound Microscope
3	Specimen of Animals in Jar Belongs to all Phyla
4	Slides of Microscopic Organisms, Paramecium, Euglena, Clamadomonas, Ameba etc.)
5	Skeleton of Frog, Rabbit and Human Being
6	Dissecting Tray and Dissecting Boxes
7	Jars
8	Aquarium

Continued.....

Botany & Zoology

Sr.No	Name of Equipment	Quantity	Remarks
01	Uncover the Human Model Body By: Luann Colombo	01	
02	Human Skeleton Model	01	
03	Human eye Model	01	
04	Human Lungs Model	01	
05	Human Liver Model	01	
06	Human Skull Model	01	
07	Human Brain Model	01	
08	Human Digestive System Model	01	
09	Human Nervous System Model	01	
10	Human Blood circulatory System Model	01	
11.	Human Different type of System working Models	01	
12.	Permanent Slides (Different) Cells ,Tissues and organs of Plants and Animals	5 Dozens	
13.	Electronic Microscope	01	
14.	Simple Microscope	06	
15.	Compound Microscope	06	
16.	Boxes Large Size for slides	02	
17.	Dissection Box	1 Dozen	
18.	Aquarium	01	
19.	Set of Stuff Animals (Invertebrate & Vertebrate)	2 Dozen	
20.	Set of Preserve Animals and Plants	2 Dozen	
21.	Photometer	2 Nos	
22.	Working Model of Blood circulatory system	02 Nos.	
23.	Working Model of Heart	02 Nos	
24	Human Kidney Model	02	
25	Model of Different Types of environment (aquatic, Desert, land etc.)	02 nos each	
26.	Model of Ecosystem cycle	02 NosEE	
27.	Model Dispersal of seed	02	
28.	Germination of Seed Model	02	
29.	Permanent Slide of cell Division (complete set) Amitosis, Mitosis Meiosis	02	
30.	Watch Glass	5 dozen	
31.	Filter Funnel	2 Dozen	
32.	Measuring cylinder	2 Dozen	
33.	Thermometer	2 Dozen	
34.	Spatula	2 Dozen	
35.	Pipette	2 Dozen	
36.	Stand, boss and clamp	2 dozen	
37.	Bunsen Burner	2 Dozen	

38.	Tripod	2 Dozen	
39.	Test Tube (different size)	2 Dozen	
40.	Evaporating Dish	1 Dozen	
41.	Beakers (different Size)	2 Dozen	
42.	Spirit Lamp	2 Dozens	
43.	Dropper	5 Dozens	
44.	Test Tube Holder	5 Dozens	
45.	Test Tube Brush	5 Dozens	
46.	Meter Stick (wooden)	10 Dozen	
47.	Distillation Apparatus	6 Nos.	
48.	Filter Paper	6 Dozen	
49.	Measuring Cylinder	1 Dozen	
50.	Balance	6 Nos.	
51.	Stirring rod	1 Dozen	
52.	Ring ball	1 dozen	
53.	Plane Slides	12 Pockets	
54.	Screw gauge	2 dozen	
55.	Vernier Clapper	2 dozen	
56.	Prism	2 dozen	
57.	Model of solar System	2 Nos.	
58.	Scientific Charts (different)	5 Dozen	
59.	Model of Periodic Table	2 Nos	
60.	Magnify Glass	2 Dozen	
61.	Concave Len	2 Dozen	
62.	Convex Lens	2 Dozen	
63.	Open Circuit series	1 Dozen	
64.	Close circuit series	1 Dozen	
65.	Stop watch	1 Dozen	
66.	Flat Mirror	1 Dozen	
67.	Telescope	6s Nos.	
68.	Digital Camera	1 No.	
69.	Weight Box	12 Nos.	
70.	Stethoscope	02 Nos	

LIST OF LIBRARY BOOKS AND PERIODICALS

LIST OF LIBRARY BOOKS

S.NO.	NAME OF ITEMS
GENERAL SCIENCE	
1	Exploring Science I, II, and III.
2	World Science I, II, and III.
3	General Science Class V to VIII by Gaba Publishers.
4	Dictionary for Physics, Chemistry, Biology
5	Science teaching and development of thinking by Lawson, Anton.
6	Teaching of Science and Mathematics by Rehman Mehmood.
ISLAMIC STUDIES	
1	Islam ka Muasharti Nizaam by Mufti M. Taqi Usmani.
2	Islam aur Siyasi Nazariyaat by Mufti M. Taqi Usmani.
3	Islam ka Nazarya-e-Hayaat by Prof. Khursheed Ahmed
4	Aasaan Tarjumaa-e-Quraan by Mufti M. Taqi Usmani.
5	Siraat-e-Mustaqeem by Mufti M. Taqi Usmani.
6	Islamiyat aur uss ke Tadreesi khaakay by Ali Osat Siddiqui.
7	Ehd-e-Nabwi ka Islami tamaddun by Riaz Ahmed.
8	Dictionary; Arabic to Urdu and Urdu to Arabic.
ART, CRAFT, CALLIGRAPHY	
1	Rob Barnes, Teaching Art to young children. London Routledge falmer, 2002.
2	Gillian Clements, Indus Valley (City MN; Sea-to-Sea Publication, 2009).
3	John Dewey, Art as experience (New Capricorn Books, 1958).
4	E. Eisner, the arts and creation of Mend, New Haren Yale University Press 2002.
5	Robert Fishner, Teaching juniors (Oxford Blackwell, 1991).
6	A. Razzak, Children and Art (The status of Art Education in Pakistan).
PAKISTAN STUDIES	
1	Mutaaila-e-Pakistan (for degree Classes) by Muhammad Azam Choudhary.
2	Globes.
3	Atlas.
4	Indo-Pak World Atlas.
ENGLISH	
1	Advanced Learners' Oxford Dictionary (3 copies).
2	Audio cassettes for listening/comprehension.
CHILD DEVELOPMENT	
1	Encyclopedia of Child Development.
2	Child Development and Learning by Arif H. A.
3	Child Development by Beok L. E.
4	The world of child by Cook J. C.
5	Child Development and an illustrated guide by Meggit.
6	Child Development by Sanrock.
7	Education Psychology by Sanrock.
CLASSROOM MANAGEMENT	

1	Classroom management by Elizibeth.
2	School organization and classroom management by Crow and Crow.
3	Classroom learning environment by Lee-Brock.
4	Classroom management and new trend by M. C. Donald.
URDU	
1	Urdu Feroz-e-Lughat
2	Urdu Dictionary
3	Urdu aur Us Kay Tadrisi Tareekay (Latest Edition) by Prof. Syed Sajid Hussain
4	Tazkiray aur Tabsiray by Siraj-ul-Islam
5	Tehseen-e-Urdu (Part-1 and Part-2)
6	Dewan-e-Ghalib
7	Dewan-e-Iqbal
8	Nigarastan by Sahib Khan
9	Jadid tadressat-e- urdu by Dr. Atish Durrani
10	Urdu zaban aur us ki taleem by Dr. SaleemFarani
11	Tadress-e- urdu by Dr. Farman Fathehpuri
SINDHI	
1	Shah Jo Risalo written by Kaliyan Adwani
2	Shah Jo Risalo written by Dr. Triumph
3	Sindhi Adab Ji Mukhtasir Tarikh by Abdul Majeed Memon
4	Sindhi Adab Ji Mukhtasir Tarikh by Akbar Laghari
5	Sindhi Adab Ji Mukhtasir Tarikh by Dr. Nabi Bakhsh Baloch
6	Sindhi Adab Ji Mukhtasir Tarikh by Dr. Abdul Jabbar Junejo
7	Sindhi Viyakaran by Mirza Kaleech Baig
8	Sindhi Boli Jo Bun Buniyad Dr. Gulam Ali Allana
9	Sindhi Sorat khati Dr. Gulam Ali Allana
10	Shairi jo Sinfo by Zafar Abbasi
11	Loq Adab jo tehkiki Jaizo by Dr. Abdul Karim Sandelo
12	Sindhi Boli jo Samaji Karij by Dr. Allah Dad Bohiyo
LIST OF JOURNALS	
1	Educational Studies volume wise
2	Educational Researcher
3	The Educational Digest
4	Educational and society
5	Asia-pacific journal of teacher
6	Assessment in Education
7	Educational Review
8	Educational Psychology
9	Brock review
10	Reader's digest
11	Environment
12	English education
13	Spider

LIST OF FURNITURE AND EQUIPMENT'S WITH SPECIFICATIONS

Sr. No.	Name of Furniture for Principal Office	Quantity
1.	Principal Table with Side rack (Specification attached)	1
2.	Principal Chair (Revolving) (Specification attached)	1
3.	Easy Chair (Wooden) (Specification attached)	10
4.	Center Table (Specification attached)	4
5.	File Cabinet (Four drawer) (Specification attached)	2
6.	Steel Almirah (Specification attached)	1
7.	Notice Board with Green Blazer(4x4) (Specification attached)	1
8.	Keyboard with Glass Shutter	1

Sr. No.	Name of Furniture for Office	Quantity
1.	Table Wooden (5x3.5) (Specification attached)	1
2.	Table Wooden(4x3.5) (Specification attached)	6
3.	Arams Chairs (Wooden) (Specification attached)	15
4.	Steel Almirah (4x6) (Specification attached)	6
5.	File Cabinet four drawer (Specification attached)	4
6.	Notice Board with Green Blazer (4x6) (Specification attached)	1
7.	Type writer	1
8.	Duplicating Machine	1
9.	Computer	1
10.	Printer LaserJet	1
11.	Electric Water Cooler (30 Galan) (Specification attached)	2
12.	Electric Generator 5 KV	1

Sr. No.	List of Furniture for Classrooms	Quantity
1.	Duel desk (Wooden with Iron Frame) (Specification attached)	385
2.	Rostrum (Specification attached)	11
3.	Table (Wooden 2.5 x 4) (Specification attached)	11
4.	Aram Chairs (Wooden) (Specification attached)	11

Sr. No.	List of Furniture for Library	Quantity
1.	Table Wooden (6x2.5) (Specification attached)	20
2.	Library Counter (Specification attached)	1
3.	Steel Alnirah With Glass Penal for Books (Specification attached)	20
4.	Newspaper Stand (Specification attached)	2
5.	Wooden Chairs for Study (Specification attached)	40
6.	Air Conditioner 1.5 ton With Stabilizer	6

Sr. No.	Name of Furniture for Staff Rooms	Quantity
1.	Easy Chairs (Wooden) (Specification attached)	40
2.	Center Table (Specification attached)	10
3.	Steel Cabinet (40 Lockers) (Specification attached)	1
4.	File Cabinet four drawer (Specification attached)	2
5.	Notice Board with Green Blazer (4x6) (Specification attached)	1

Sr. No.	Name of Furniture for Auditorium	Quantity
1.	Chairs (Specification attached)	300
2.	Chairs for Rostrum (Specification attached)	5
3.	Dice (Specification attached)	1
4.	Public Address system	1
5.	Air Conditioners 1.5 ton with Stabilizer	10

Sr. No.	Name of Furniture for Computer Lab	Quantity
1.	Computer set for Computer lab	40
2.	Computer Table with Chairs (Specification attached)	40
3.	Air Conditioner 1.5 ton with Stabilizer	4
4.	Multimedia set	1

Sr. No.	Name of Furniture for Science Lab (Physics)	Quantity
1.	Table (8x4x3) (Specification attached)	4
2.	Lab Stool for Practical (Wooden) (Specification attached)	40
3.	Steel Almirah (4x6) (Specification attached)	6
4.	Table Wooden (2.5x4) (Specification attached)	2
5.	Aram Chairs (Wooden) (Specification attached)	6

Sr. No.	Name of Furniture for Science Lab (Botany)	Quantity
1.	Table (8x4x3) (Specification attached)	4
2.	Lab Stool for Practical (Wooden) (Specification attached)	40
3.	Steel Almirah (4x6) (Specification attached)	6
4.	Table Wooden (2.5x4) (Specification attached)	2
5.	Aram Chairs (Wooden) (Specification attached)	6

Sr. No.	Name of Furniture for Science Lab (Zoology)	Quantity
1.	Table (8x4x3) (Specification attached)	4
2.	Lab Stool for Practical (Wooden) (Specification attached)	40
3.	Steel Almirah (4x6) (Specification attached)	6
4.	Table Wooden (2.5x4) (Specification attached)	2
5.	Aram Chairs (Wooden) (Specification attached)	6

Sr. No.	Name of Furniture for Science Lab (Chemistry)	Quantity
1.	Table (8x4x3) (Specification attached)	4
2.	Lab Stool for Practical (Wooden) (Specification attached)	40
3.	Steel Almirah (4x6) (Specification attached)	6
4.	Table Wooden (2.5x4) (Specification attached)	2
5.	Aram Chairs (Wooden) (Specification attached)	6

Sr. No.	General Requirement of Building	Quantity
1.	Standby Generator Petrol & Gas (20 KV)	1
2.	Sofa set for Common room	10
3.	Table for Common room	8
4.	Chairs for Girls Common rooms	60
5.	Table for Girls Common rooms	15
6.	Chairs for Canteen	50
7.	Table for Canteen	12
8.	Chair for Visitors	15
9.	Table for Visitors	4
10.	Electric Water Cooler	4

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Executive Table for Principal Office

Size: 5ft x 4ft x 2 ½ ft. Top and both the sides to be made of 18mm thick Imported MDF, all edges sealed must be imported Polyvinyl Chloride (0.8-1mm thick). Unit to have an 18mm thick imported modesty panel placed in between the two sides for re enforcement. Side Rack: 900mm X 525mm X 750mm high Top to be made of 18mm thick Unit to have Keyboard tray and CPU Trolley Pedestal: Size: 400mm X 500mm X 720mm 3 drawer Complete unit to be made of imported Polyvinyl Chloride Lipping. Unit to have a drawer lockable with SS Handle. The detail specification drawing color picture

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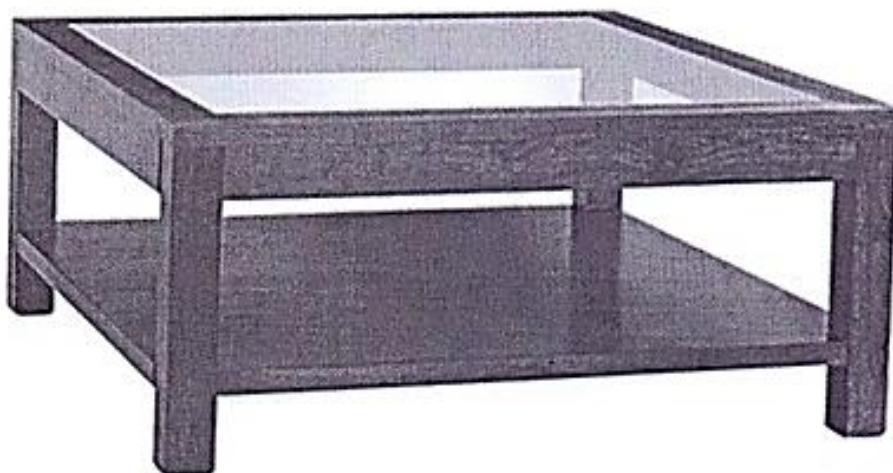


Executive Revolving Chair for Principal

with comfortable hand rest arm with PU material with thick foam sheet, thick metallic mechanism with 120mm gas lift for tilt and height adjustment seat size 21"x20" back size 26"x20" (China).

* The detail specification drawing color picture (web reference if any) will be provided on the letter head by the bidder.

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Center Table

Size 48x 24 x16" Frame Pati 1" x 2" Leg size 1"
x2" Top covered with 5mm glass Complete in
seasoned shesham wood with polish

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File Cabinet Steel

54"x24"x18" (Inch), 4 Drawers, 20 SWG.
locking system, Drawer channel Runner .Finish
with off white color spray paint

Steel Almirah

Over all sizes 72" X 46" X 18" deep.
Material Description: All made of Steel Sheet,
20 SWG with four shelves and five
compartments without locker & drawer. Single
locking arrangement with metal handle and
keyhole covers. Embossed with **edu. &
Literacy Dept. Govt. of Sindh Logo**
Synthetic enamel paint, outside & inside off
white plain spray paint.

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NOTICE BOARD

Green Blazer Cloth size 4 x 4 and 6 x 4 ft.

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OFFICE TABLE

5 x 3.5 and 4 x 3.5 ft. Imported MDF Top, Cover with 18 mm thickness 2 sides Trolley. Pedestal size; 400 mm x 500 mm x 720mm Complete unit to be made of imported polyvinyl Chloride Lipping Unit to have a 3 drawer lockable with SS Handel.

Channel Patti best quality

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Class Room Table

Size: 3 ft x 2-1/2 ft x 2-1/2 ft with 1 Drawer size
14"x12"x4", Top to be 18mm thick Imported
MDF Lamination board / Sealed must be
imported Poly Vinyl Chloride 0.8-1mm thick.
The detail specification drawing color picture
(web reference if any) will be provided on the
letter head by the bidder. China / equalent

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TEACHER CLASS ROOM CHAIR SHEESHAM WOOD

Front leg height: 558mm

Seat size: 533 x 533mm

Back size: 533 x 304mm

Back leg height: 863mm

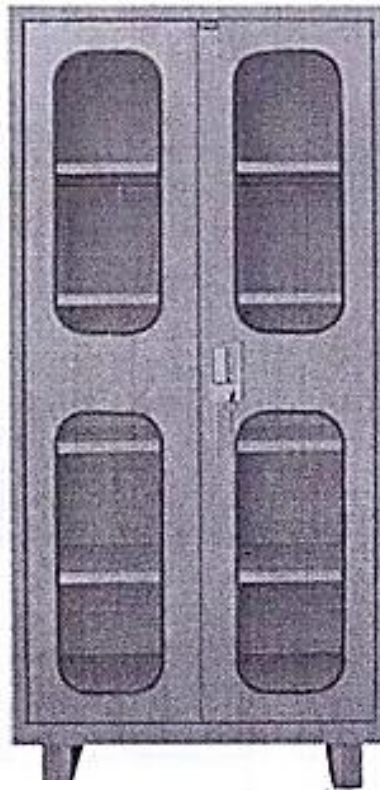
Framing: 25 x 50mm

Front leg: 50 x 50mm

Back leg: 25 x 50mm

All material finished in seasoned sheesham wood with singaroean knitted
Equivalent

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Steel Almirah Glass Door for Science Lab.

Size: 72 inch x 34 inch x 18 inches, 4 shelves, 5 compartments, 20 SWG, all sides, top, bottom, shelf & back made of one piece steel sheet and same gauge, locking system with metallic handle and key holes cover in nickel. Almirah shall be in off white color, 5mm thick four glass pans shall be fitted in doors. (Equivalent of Specification)

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DUAL DESK WITH SEAT BACK

Size 900mm x 750 mm x 980mm 38mm made of MS Steel tube 38mm, 18 gauge thickness join less pipe fine hardness power coding, wood color all bend and curve mould by automatic machine equal size 38mm all frame.

Imported lockable nuts with built-in washer along with bolt will be supplied to fix the frame without any losing. all the open end of the pipe should be cover with plastic cap. Bottom of the frame should be on plastic foot.

Imported MDF wood sheet top size: 36"x16"x17mm" Font size: 34"x8"x17mm", book shelf size:

10"x34"x17mm", seat size: 10"x36", 17mm back size: 6"x36"x17mm" border cover of MDF would be of golden

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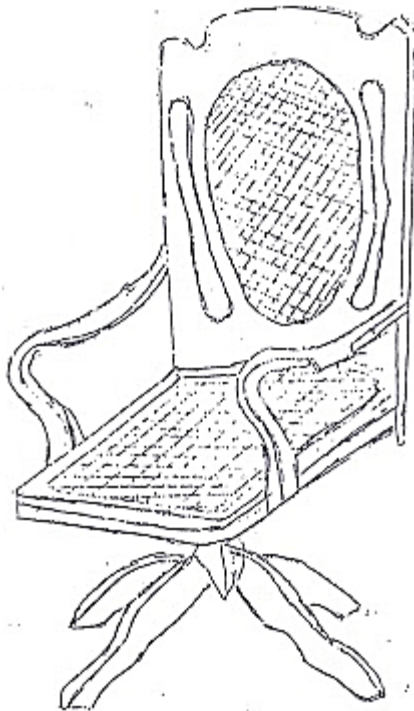
DICE / PODIUM

Size: 1200 x 600 x 450mm with one shelf, three side covered with 12mm thick acrylic Equivalent

TABLE

4 ft x 2 ft x 2-1/2 ft with 1 draws. Made of imported MDF 18mm thick with teak 2 color lamination PVC or melamine border covered by same color plastic lipping 1mm with ball bearing type channel and good quality lock & handle.

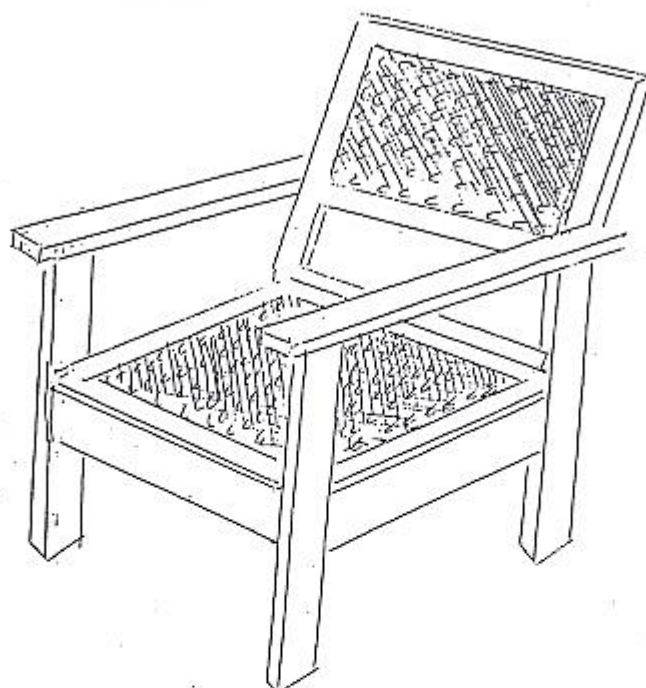
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Revolving Chair Wooden

1. Assembly as per diagram
2. Seat front 20", Back 17 ½", size 18"
3. Arms 1"x2 ½" x 19"
4. Seat height from floor up to spring 12" and from floor to seat 18"
5. Four pronged wooden less with revolving spring
6. Leg size thickness 1" width at spring 3 ½" with at middle of leg 3" width at end of leg (at ground) 2"
7. All made of seasoned shesham wood free from knots, cracks
8. Seat and back knitted with double nylon.

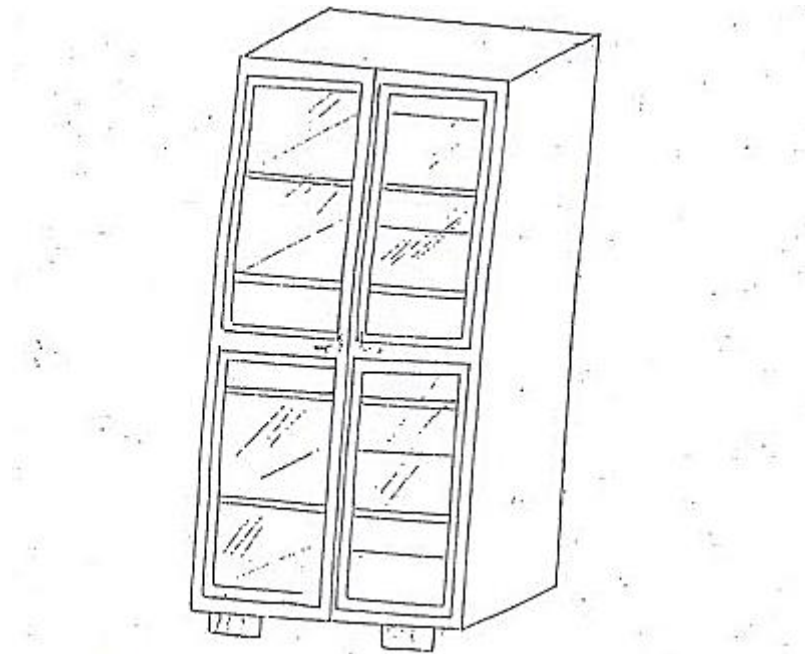
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3. EASY CHAIRS

Seat 22"x20"x18 1/2", Front legs 2"x1 1/4" height 34" Middle 2" with slightly curved seat patties 2 1/2"x1", leg patties 1"x1", seat height fram 15", seat height bakck 14", Arms 2 1/4"x1" middle curved, Back upper patties 3" 3/4", Back lower patties 2" 3/4", seat fram 2"x1", Mortise and Tannon joints with glue should be used. Spirit polish Assembly, seat back double netting with superior Nylon, Seasonsed tali wood.

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STEEL ALMIRAH GLASS PANELED FOR LIBRARY

1. Overall size length 72" x 34" x 15" four shelves five compartment glass paneled 5mm thick glass
2. All made of 22 SWG
3. Single locking system and metallic handle and three keys
4. Body light brown and door Brilliant Synthetic Enamel spray paint

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22. ROSTURN (DICE)

Inside frame of shisham wood. All sides including top of commercial veneer board with textured formica of teak color. All edges of veneer board sealed with 10mm shisham wood. French polish (spirit & shellac) glossy finish. All wood must be seasoned (moisture 15% to 20%) straight grain and free from all defects specially sapwood. All material used shall be "A" quality.



23. NEWS PAPER STAND

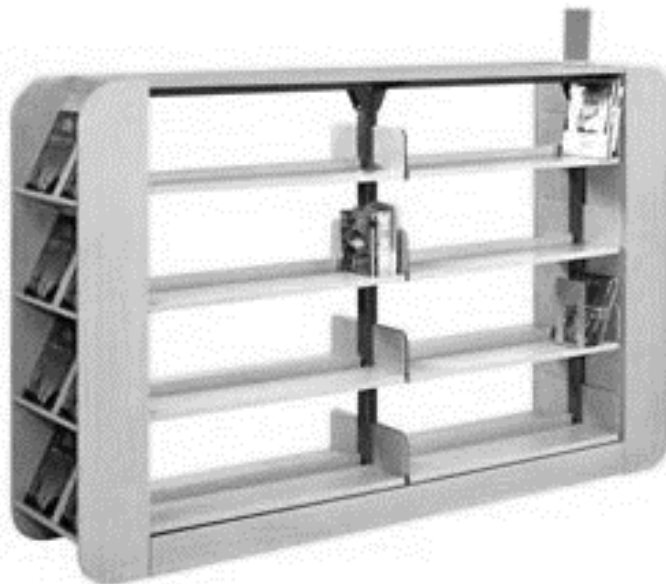
Frame of solid & straight grained shisham wood. Top of commercial veneer board, formica of teak color on upper surface of the top. Edges of veneer board sealed with 10mm thick shisham breasting. French Polish (Spirit & Shellac) glossy finish. All wood must be seasoned (moisture 15% to 20%) straight grain and free from all defects specially sapwood. All material shall be "A" quality.

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20. LIBRARY ISSUE COUNTER

Fabricated with ¾" thick commercial veneer board. Textured formica of tea color pasted on top (both upper & lower), front & both sides of counter. Inside of counter be polished. All edges of veneer board sealed with 10mm thick shisham wood. All heading polished in dark brown color. Drawer front, 7/8" thick solid shisham wood. Drawer sides/back ¾" new deodar wood. Drawer bottom ¾" thick lasani wood. Brass handles, chins lock, and mettallie ball bearing runners be used. French Polish (Spirit & Shellac) glossy finish. All wood seasoned (moisture 15% to 20%) straight grain and free from all defects specially sapwood. All material used shall be "A" quality.



21. SIDE RACK (WOODEN)

Top, bottom, partition & both sides fabricated with commercial veneer board ¾" thick. Back of 6mm thick lasani board. Teak color textured formica pasted on top and both sides. Insides polished only. All material used shall be "A" quality.

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Computer Table

Size: 3ft x 2ft x 2.5ft with made of 18mm imported MDF teak 2 color lamination PVC / melamine covered by plastic lipping.

1 keyboard tray fitted in ball bearing rail, 1 CPU rack & 1 draw.
(Equivalent of Specification)

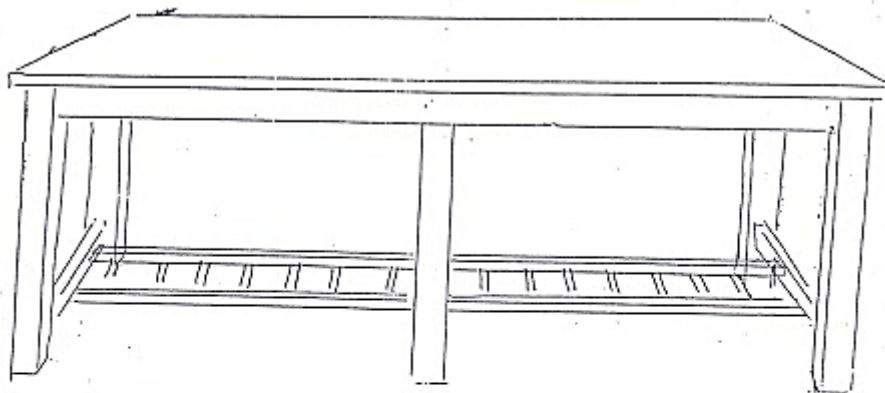
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Computer Chair

Revolving type, gas lift upto 120mm hand rest seat height, are adjustable
Seat should be made of good quality foam which covered in mesh net
Back should be made of black mesh net.

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19. LIBRARY TABLE (BIG) (Reading & Conference)

The frame of table should be of solid and Straight Shisham wood. Top of commercial veneer board, textured Fomica of teakcolour pressed by white German glue and edges sealed with 10mm thick shisham beading. Bracket 6"x6"x1 1/2" fixed by glue and screws in all corners of frame. Tenon mortise joints be made wherever required. French Polish (Spirit & shellac) glossy finish. All wood used must be seasoned (moisture 15% to 20% straight grain and free from all defects specially sapwood. All material used shall be "A" quality.

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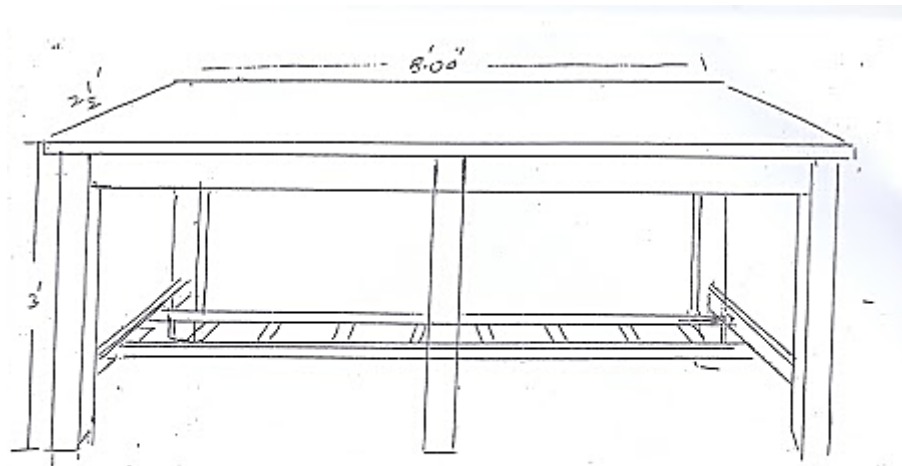
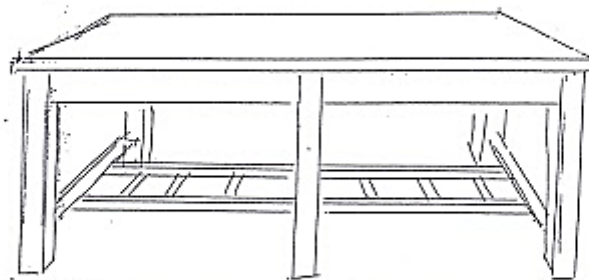


TABLE (BIG SIZE)

Size 8'x2 1/4'x3" Top Plank 8"x2 1/4" made of seasoned Deodar wood without defects, top only. Not more than 3 Grooves but joints may be fixed with ribs and glued. Supported Patties may be used inside the top plank (2 Nos). Legs 6 size 2 1/2"x2 1/4", upper patties 3"x1 1/4" Lower patties 2"x1 1/4" joints glued superior polish, seasoned tali wood, Pakistani Sink 18"x12".

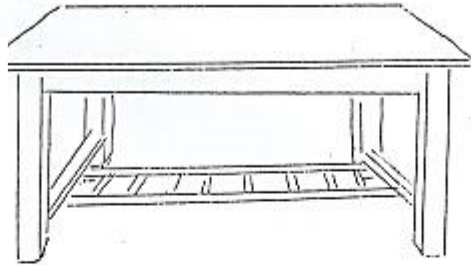
Drawing No. 17



17.(b) SMALL SIZE (BIOLOGY TABLE) AND ZOOLOGY PURPOSE

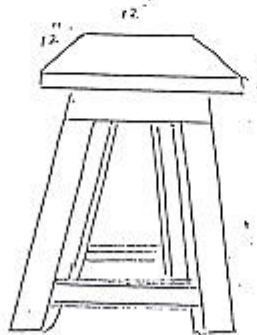
Size 6"x2 1/4'x3" Top Plank 6"x2 1/4"x1" made of seasoned Deodar wood thout defects, toip only. Not more than 3 Groove but joints may be fixed with ribs and glued. Supported patties may be used in size the top plank (2Nos) leg 4 Nos size 2 1/2"x2 1/4", lower patics 2"x1 1/4".bracket may be used, joints glued superior polish seasoned tali wood.

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14. CENTRE TABLE

Size 3"x20"x16" Formica Top-chip board $\frac{1}{2}$ ", Hard Board preseed with glued inside the chips Board; Upper patties: 2"x1", Lower Patties: 1"x1 $\frac{1}{2}$ ", Lower frame Patties 1"x $\frac{1}{2}$ ", leg 2" with taper, joint glued spirit polish, Seasoned tali wood.

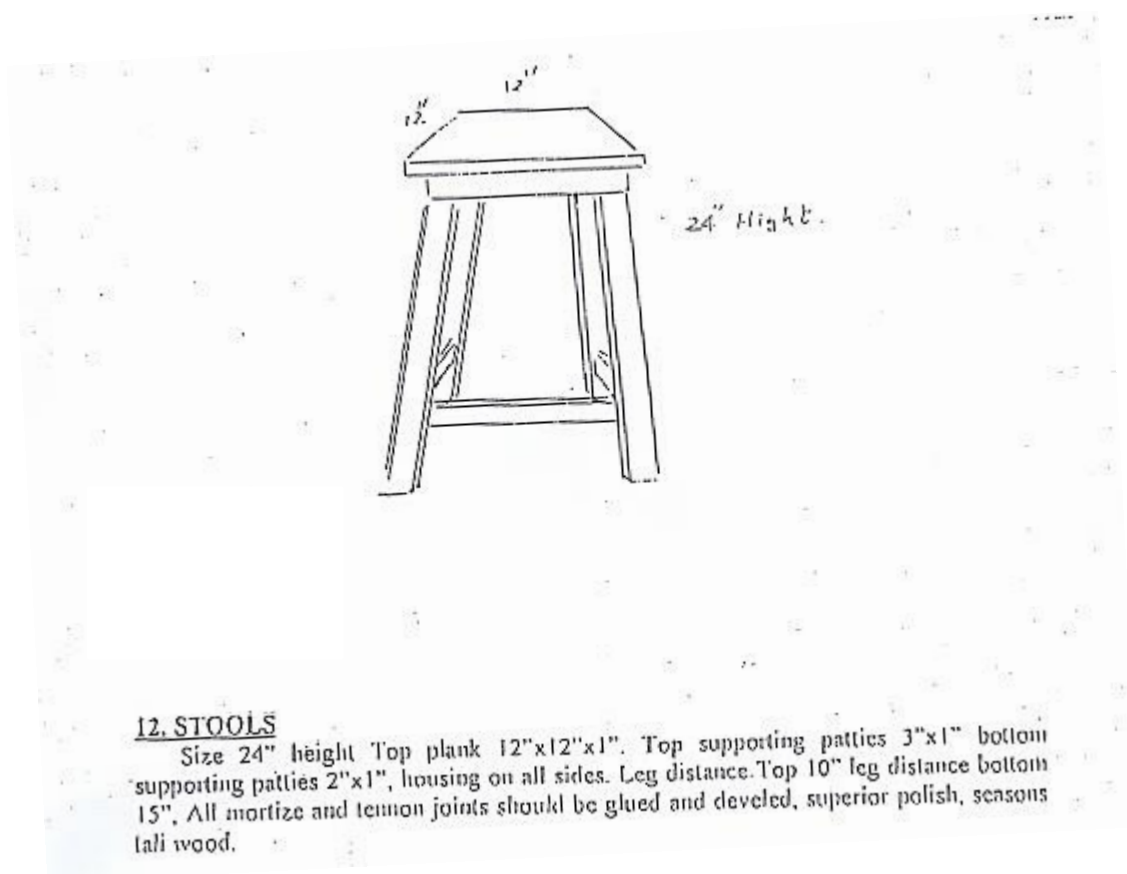


18" Height

STOOLS

Size 18" height Top Plank 12"x12"x1", Top supporting patties 3"x1" Bottom supporting patties 2"x1", housing bottom 15", All mortize and tennon joints should be glued and develed, superior polish, seasons tali wood.

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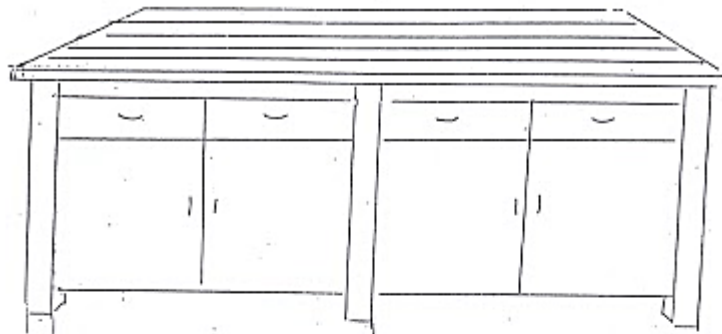
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11. CHEMISTRY TABLE

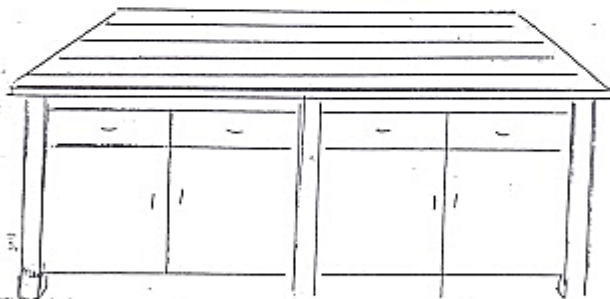
Size 90"x48"x36" Top planks 90x48"x1 1/4" not more than 5 planks. Legs 3"x3" (6 Nos), upper patties 4"x1 1/4" (4 Nos) Lower patties 2 1/2"x 1/2" (4 Nos) Supported patties 3"x1 1/4" (2 Nos) should be used inside the top planks at equal distance width-wise Drawers 20"x14"x6" (4 Nos) Two on each side with brass local made, Plywood used in the bottom of drawers. Sink 24"x18"x9" (1 No), solve 24"x18"x9" (2 Nos) each side one 1/4" thick with four compartment. 2 Nos 3 way swan type water taps & 4 gas lap brass made be provided. Best seasoned lali wood joints with ribs & glued spirit polish, Pak sink & water/Gas lap.

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10.(a) PHYSICS TABLE (BIG SIZE)

8"x4"x3" Top Plank 8"x4"x1 1/4", made of seasoned sheesham wood without defects, top only. Not more than 5 planks groove but joints may be fixed with ribs and glued. Legs 6 Nos 3"x3", upper patties 1"x1 1/4", Lower patties 2 1/2"x1 1/4", two drawers on each side total 4 drawers front and back side. Drawers size" 14"x6"x20" in length. Ply wood or hard-board may be used in the bottom of the drawers, karakunda, and locking arrangement will be provided, joints glued superior polish, seasoned tali wood.



10.(b) PHYSICS TABLE (SMALL SIZE) TABLE

6"x4"x3" Top plank 6"x4"x1 1/4" thick, made of seasoned sheesham Wood top only. Not more than 5 planks groove but joints may be fixed with ribs and glued. Supported patties may be used in side the top plank (2 Nos) leg 4 Nos: size 2 1/2"x2 1/4", Brackets may be used and back side. Size of the drawers 20" in length 14"x6", ply wood or hard board may be used in the bottom of the drawers, Karakunda and locking arrangement may be provided, joints glued superior polish. Seasoned tali wood.

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6. ARM LESS CHAIR

Seat 20"x18"x17" seat patties 2"x1" leg patties 1"x ¾", Front legs 18"x2" with taper, Back legs 1 ¼" thick, middle 2"(Slightly curved). Back upper patties 3"x1", Back strip side 1"x ¾" (2 Nos) Brackets may be used. Printed ply wood seat joint glued, superior polish made of seasoned tali wood.

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4. CHAIRS WITH ARMS (SEAT & BACK FOAM)

Seat 20"x18"x17" with 2" thick sheet of molty foam (Master) and under lay cotton wool pad on 3 ply wood and serewed. Back seat 17"x18 ½" with ½" thick sheet of molty foam (Master) fitted on wooden frame with screws, Arms height 18", Backt legs height 36" Arms 2 ½"x1", Front legs 2"x1 ¼", Back legs 2"x1 ¼", seat support patties 2 ½"x1", leg support patties 1 ½"x1", Back slightly tapered. Seat & Back foam cussioned covered with Japani light brown superior rexine, fitted with screw, spirit polish, Sheshaam wood seasoned.

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JAMSHORO**



KEYBOARD WITH GLASS SHUTTER

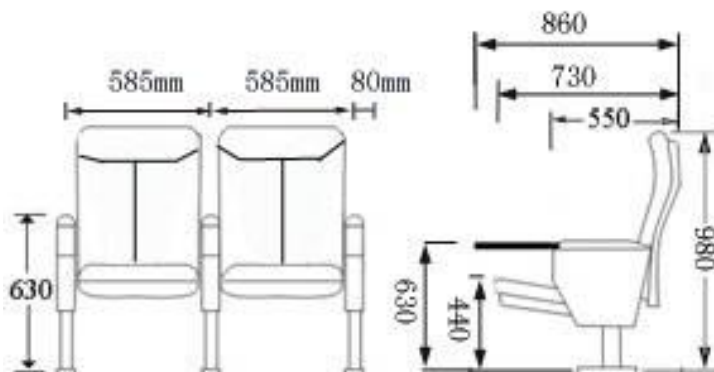
Size 2 x 2 ½ ft. wooden with glass shutter with key lock contains 60 keys (each row 15 keys)

BUREAU OF CURRICULUM AND EXTENSION WING SINDH, JAMSHORO



The specifications of our auditorium seat:

1. Outer cover: plastic shell (poly propylene, injection molded): Absorb sound; anti-aging; anti-impact; anti-UV; anti-fading.
2. Colour: Blue
3. Chair armrest: PU, Plastic
4. Chair leg is made of cold-rolled 2.5mm thick steel tube with powder coating: anti rust. Chair leg can be movable. If fixed leg, the chair would be fixed on floor by 4 pcs of strong screws. If moveable leg.
5. Inner material: Molded PU (polyurethane)
6. Inner structure: Metal frame or strong plywood.
7. Chair seat fold-up mechanism: seat tips up by metal spring



**BUREAU OF CURRICULUM AND EXTENSION WING SINDH,
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PLASTIC CANTEEN TABLES AND CHAIRS

PP seat, Metal Tube, Dark Blue melamine table top

Table size: L110*W60*T2.5cm, Square tube:30*60mm

Blue, Dark Blue

**BUREAU OF CURRICULUM AND EXTENSION WING SINDH,
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VISITOR PLASTIC WAITING CHAIR (BLUE COLOUR)

3 seat chair suitable for visitors around the College.

Equipped with handle on each end ensuring safety and comfort

S.#	ITEM	SPECIFICATION
1.	Desktop1	(BRANDED) CORE i3 4170 3.7GHZ 4GB DDR3 RAM - 500GB SATA HARD DRIVE – DVD RW - KEYBOARD - MOUSE (Three Years Company Card Warranty) 18.5" LED Display BLACK WIDESCREEEN
2.	Desktop2	(BRANDED) CORE i5 6500 3.2GHZ (6TH GENERATION) 4GB RAM - 500GB SATA HARD DRIVE - DVD RW - KEYBOARD - MOUSE (Three Years Company Card Warranty) 18.5" LED Display BLACK WIDESCREEEN
3.	Printer	LaserJet A4 Mono Laser Printer, Up to 38ppm Mono Print Speed, First Page Out in 5.7 Seconds, Up to 600 x 600 dpi Print Resolution, Up to 4800 x 600 dpi Enhanced Print Resolution, Automatic Duplex Printing
4.	Scanner	Flatbed Scanner Supported Document Size Details ADF - up to Legal (8.5 in x 14 in), Flatbed - up to Letter A Size (8.5 in x 11 in) Supported Document Type Transparencies, plain paper, slides, bulk objects (such as books), film Color Depth 48-bit color Max Optical Resolution 2400 dpi Feeder Capacity 50 sheets
5.	Multimedia Projector	3,800 lumens WXGA Portable Projector with Wireless connectivity Energy efficient with long-lasting lamp of 10,000 hours, Advanced energy-saving features, High image quality 3LCD BrightEra™ natural and vivid colour images, Various picture modes for optimal picture quality, Network presentation (LAN/Wireless LAN), Remote control for iOS device, USB display, Built-in speaker (16 W x 1 (monaural)) Input: RGB, HDMI, VGA, S.Video, RS 232 Connector, Audio, Output: VGA Out, Video Out, Microphone In, USB, LAN
6.	Split AC (with Stabilizer)	Split Air Conditioner (Digital Inverter Compressor) 1.5 ton Type: Wall mounted split air-conditioner: 1.5 Ton, Important Feature: Triple Protector Plus (Low and high voltage control and rust protection), Wall mounted split air-conditioner, Triangle design for powerful cooling, cools faster, farther and wider, Saves energy during operation, 3 years Warranty Automatic Voltage Stabilizer 15000 Watts, Pure copper, Input 140 ~ 270 V, Output 220
7.	Public Addresses Sound System	Mixture with Power Amp (4800 watts), 6 Speaker Set (SP-4), Stabilizer, and All Wiring Sets, 4 WiFi Mic, and 2 Wired Mic.

8.	5 KVA Generator	GENERATOR <ul style="list-style-type: none"> Rated AC Output 5 kVA Maximum AC Output 5.5 kVA DC Output 12V-8.3A ENGINE <ul style="list-style-type: none"> Fuel Tank Capacity 24 Liters Continuous Operation Hours 8 Hours STANDARD FEATURES <ul style="list-style-type: none"> Volt Meter Yes Fuel Gauge Yes Oil Alert Yes Large Capacity Air Cleaner Yes AC Circuit Breaker Yes DC Circuit Breaker Yes Electric Starter Yes Safety Valve No Battery Tray Kit Yes 4-Wheel Trolley Kit Yes
9.	20 KVA Generator	Branded 20 KVA Generator imported Automatic standby System Fuel Patrol/Diesel Three years complete Warranty After three years maintenance support
10.	Electric Watercooler	100 Liter with company Stamp, One 3 rd Compressor, (1year Compressor Warranty).