### SINDH EDUCATION FOUNDATION

## **Bidding Documents**

#### For

### **National Competitive Bidding**

### **Pakistan**

#### PROCUREMENT OF I.T EQUIPMENT

Ref #: SEF/NP/23-24/07

#### **PART ONE (FIXED)**

- Instructions to Bidders (ITB)
- General Conditions of Contract (GCC)

#### **Preface**

These Bidding Documents have been prepared for use by Procuring agencies and their implementing agencies in the procurement of goods through National Competitive Bidding (NCB).

In order to simplify the preparation of bidding documents for each procurement, the Bidding Documents are grouped in two parts based on provisions which are fixed and that which are specific for each procurement. Provisions which are intended to be used unchanged are in Part one, which includes Section I, Instructions to Bidders, and Section II, General Conditions of Contract. Data and provisions specific to each procurement and contract are included in Part Two which includes Section II, Bid Data Sheet; Section III, Special Conditions of Contract; Section IV, Schedule of Requirements; Section V, Technical Specifications; and the forms to be used in Section I, Invitation for Bids, and Section VI, Sample Forms.

This is Part one which is fixed and contains provisions which are to be used unchanged. Each section is prepared with notes intended only as information for the Procuring agency or the person drafting the bidding documents. They shall not be included in the final documents.

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#### **Instructions to Bidders**

#### A. Introduction

## 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.
- 12 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 Federal Government/ 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, 2009 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, 2009 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

## 5. 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 6.1 Bidding Documents

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

- Clause 13 that the Bidder is eligible to bid and is qualified to perform the contract if its bid is accepted;
- (c) documentary evidence established in accordance with ITB Clause 14 that the goods and ancillary services to be supplied by the Bidder are eligible goods and services and conform to the bidding documents; and
- (d) bid security furnished in accordance with ITB Clause 15.

#### 10. Bid Form

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 separately.
- 11.3 The Bidder's separation of price components in accordance with ITB Clause 11.2 above will be solely for the purpose of facilitating the comparison of bids by the 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 ITB Clause 24. If, however, in accordance with the Bid Data Sheet, prices quoted by the Bidder shall be subject to adjustment during the performance of the contract, a bid submitted with a fixed price quotation will not be rejected, but the price adjustment would be treated as zero.

#### 12. Bid Currencies

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

## 13. Documents Establishing Bidder's

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.

#### Eligibility and

## **Qualification** 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.

- 133 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' Eligibility and Conformity to Bidding Documents

- 14.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods and services which the Bidder proposes to supply under the contract.
- 14.2 The documentary evidence of the eligibility of the goods and services shall consist of a statement in the Price Schedule of the country of origin of the goods and services offered which shall be confirmed by a certificate of origin issued at the time of shipment.
- 14.3 The documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings, and data, and shall consist of:
  - (a) a detailed description of the essential technical and

performance characteristics of the goods;

- (b) a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period to be specified in the Bid Data Sheet, following commencement of the use of the goods by the 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 encashable 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 Clause 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.
- 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.
- 172 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.
- 17.4 The Bidder shall furnish information as described in the Form of Bid on commissions or gratuities, if any, paid or to be paid to agents relating to this Bid, and to contract execution if the Bidder is awarded the contract.

#### D. Submission of Bids

#### 18. Sealing and Marking of Bids

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

#### E. Opening and Evaluation of Bids

#### 22. Opening of Bids by the Procuring agency

- 22.1 The 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.

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

### **Bids**

**23.** Clarification of 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**

- 24.1 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 aftersales 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.

 $\mathbf{or}$ 

(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.

or

- (iii) 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 to the Procuring agency.
- 332 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. Corrupt or Fraudulent Practices

- 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, 2009 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 non-competitive 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.
- 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. Definitions

- 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

2.1 These General Conditions shall apply to the extent that they are

not superseded by provisions of other parts of the Contract.

## 3. Country of Origin

- 3.1 All Goods and Services supplied under the Contract shall have their origin in the countries and territories eligible under the rules and `further elaborated in the SCC.
- 32 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.
- 33 The origin of Goods and Services is distinct from the nationality of the Supplier.

## 4. Technical Specifications

- 4.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods' country of origin. Such standards shall be the latest issued by the concerned institution.
- 5. Use of
  Contract
  Documents
  and
  Information;
  Inspection and
  Audit by the
  Government
- 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.
- 52 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.
- Any document, other than the Contract itself, enumerated in GCC Clause 5.1 shall remain the property of the Procuring agency and shall be returned (all copies) to the Procuring agency on completion of the Supplier's performance under the Contract if so required by the Procuring agency.

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

- 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.
- 82 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.

- 83 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.
- 84 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.
- 85 Nothing in GCC Clause 8 shall in any way release the Supplier from any warranty or other obligations under this Contract.

#### 9. Packing

- 9.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the Procuring agency.

## 10. Delivery and Documents

- 10.1 Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are specified in SCC.
- 102 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 Contact 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 startup 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.
- 132 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.

## 22. Delays in the Supplier's Performance

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

- 24.1 The Procuring agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part:
  - (a) if the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring agency pursuant to GCC Clause 22; 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 any thing 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 accrue thereafter to the Procuring agency.

## 27. Termination for Convenience

- 27.1 The Procuring agency, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Procuring agency's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- 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.
- 282 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.

#### 31. Notices

- 31.1 Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or by 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. Taxes 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.

#### **Notes on the Instructions to Bidders**

This section of the bidding documents provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring agency. It also provides information on bid submission, opening, and evaluation, and on the award of contract.

Part One Section I contains provisions that are to be used unchanged. Part Two Section II consists of provisions that supplement, amend, or specify in detail information or requirements included in Part One Section I and which are specific to each procurement.

Matters governing the performance of the Supplier, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are not normally included in this section, but rather under Part one Section II, General Conditions of Contract, and/or Part Two Section III, Special Conditions of Contract. If duplication of a subject is inevitable in the other sections of the document prepared by the Procuring agency, care must be exercised to avoid contradictions between clauses dealing with the same matter.

These Instructions to Bidders will not be part of the contract.

### **Notes on the General Conditions of Contract**

The General Conditions of Contract in Part One Section II, read in conjunction with the Special Conditions of Contract in Part Two Section III and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

The General Conditions of Contract herein shall not be altered. Any changes and complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract in Part Two Section III.

# SINDH EDUCATION FOUNDATION

# **Bidding Documents**

### For

# **National Competitive Bidding**

# PROCUREMENT OF I.T EQUIPMENT Ref #: SEF/NP/23-24/07

#### PART TWO (PROCUREMENT SPECIFIC PROVISIONS)

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

### **Preface**

These Bidding Documents have been prepared for use by procuring agencies in the procurement of goods through National Competitive Bidding (NCB).

In order to simplify the preparation of bidding documents for each procurement, the Bidding Documents are grouped in two parts based on provisions which are fixed and that which are specific for each procurement. Provisions which are intended to be used unchanged are in Part one, which includes Section I, Instructions to Bidders, and Section II, General Conditions of Contract. Data and provisions specific to each procurement and contract are included in Part Two which includes Section II, Bid Data Sheet; Section III, Special Conditions of Contract; Section IV, Schedule of Requirements; Section V, Technical Specifications; and the forms to be used in Section I, Invitation for Bids, and Section VI, Sample Forms.

This is Part Two and contains data and provisions specific to each procurement. Care should be taken to check the relevance of the provisions of the Bidding Documents against the requirements of the specific goods to be procured. The following general directions should be observed when using the documents. In addition, each section is prepared with notes intended only as information for the Procuring agency or the person drafting the bidding documents. They shall *not* be included in the final documents, except for the notes introducing Section VI, Forms, where the information is useful for the Bidder.

- (a) Specific details, such as the "name of the Procuring agency" and "address for bid submission," should be furnished in the Invitation for Bids, in the Bid Data Sheet, and in the Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- (b) Amendments, if any, to the Instructions to Bidders and to the General Conditions of Contract should be made through the Bid Data Sheet and the Special Conditions of Contract, respectively.
- (c) Footnotes or notes in italics included in the Invitation for Bids, Bid Data Sheet, Special Conditions of Contract, and in the Schedule of Requirements are not part of the text of the document, although they contain instructions that the Procuring agency should strictly follow. The final document should contain no footnotes.

- (d) The criteria for bid evaluation and the various methods of evaluation in the Instructions to Bidders (Clauses 25.3 and 25.4, respectively) should be carefully reviewed. Only those that are selected to be used for the procurement in question should be retained and expanded, as required, in the Bid Data Sheet or in the Technical Specifications, as appropriate. The criteria that are not applicable should be deleted from the Bid Data Sheet.
- (e) Clauses included in the Special Conditions of Contract are illustrative of the provisions that should be drafted specifically by the Procuring agency for each procurement.
- (f) The forms provided in Section VI should be completed by the Bidder or the Supplier; the footnotes in these forms should remain, since they contain instructions which the Bidder or the Supplier should follow.

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Part Two
Section I. Invitation for Bids

#### **Notes on the Invitation for Bids**

The Invitation for Bids (IFB) shall be issued as an advertisement in at least three newspaper of general circulation in the Province of Sindh or Authorities web site as the case may be, allowing at least fifteen days for NCB and forty five days(45) ICB for bid preparation and submission;

The Invitation for Bids provides information that enables interested bidders to decide whether to participate. Apart from the essential items listed in the Standard Bidding Documents (SBD), the Invitation for Bids should also indicate any important bid evaluation criteria or qualification requirement (for example, a requirement for a minimum level of experience in manufacturing a similar type of goods for which the Invitation for Bids is issued) and that the bidders should give their best and final prices as no negotiations are allowed.

The Invitation for Bids should be incorporated into the bidding documents. The information contained in the Invitation for Bids must conform to the bidding documents and in particular to the relevant information in the Bid Data Sheet.

### **NOTICE INVITING TENDER**

The Sindh Education Foundation (SEF), Government of Sindh invites sealed bids from firms, Companies and Organizations (Joint venture/ consortium not allowed) addressed to the Deputy Director Procurement unit, General Administration & Coordination Department (GA&CD) SEF, including, mentioning the title of the tender on the envelop, under SPP Rules, 2010 (Amended up-to-date) from the interested bidder(s) for following tender.

# SAY NO TO CORRUPTION

DESCRIPTION OF JOB/ TITLE	PROCEDURE OF BIDDING	AVAILABILITY OF TENDER DOCUMENTS	LAST DATE OF SUBMISSION	TENDER OPENING DATE
		3 <sup>rd</sup> April, 2024	25 <sup>th</sup> April, 2024	25 <sup>th</sup> April, 2024
	Cinala Staga	up to	up to	up to
PROCUREMENT OF I.T	Single Stage- Two Envelope	24 <sup>th</sup> April, 2024	02:00 pm	2:30 pm
EQUIPMENT	Procedure as	from	In case of any holiday/law and	In case of any holiday/law and
NIT # SEF/NP/23-24/07		09:30 am	order situation/mishaps, the last	order situation/mishaps, the last
	per SPP Rule	to	date of submission will be on	date of Tender opening date will
	no. 46 (2)	4:30 pm (working days	next working day & above	be on next working day & above
		only)	timing.	timing.

Interested bidders are requested to give their best & final prices as negotiations on the prices once quoted/offered are not permissible under the SPP rules 2010.

Bidding documents for tender containing terms and conditions can be obtained from Procurement Section (GA&CD), SEF, Head office Karachi, against pay order of Rs.2000/- (non-refundable) in favor of "SINDH EDUCATION FOUNDATION Govt. of Sindh" and in case the bidding document downloaded from SPPRA or SEF website, then at the time of bid submission, the pay order of amount PKR 2000 (non-refundable) for bidding document must be enclosed along with the bid.

Bid(s) should be submitted under procedure as specified in above table as per SPP Rules, 2010. The **Bid Security of 5%** (**refundable**) **of the total bid price** in shape of Pay order in the name of "SINDH EDUCATION FOUNDATION Govt. of Sindh" must be enclosed with the bid. No bid will be accepted without Bid Security or being less than as mentioned above shall be rejected on the spot.

Bid(s) shall be opened at the **SEF HEAD OFFICE**, **First Floor NICL Building**, **Survey No. 183/4**, **Abbasi Shaheed Road**, **Cantonment Karachi**, **Sindh**, **Pakistan** on the time & date given above in the presence of Procurement Committee, SEF, Govt. of Sindh, Karachi and the authorized representatives of the firms who wish to be present.

The Procuring Agency reserve the right to reject any or all bids in accordance with the Provisions of SPP Rules 2010 and may cancel the bidding process at any time/ stage prior of acceptance of bid or proposal as per SPP Rules 25 (1).

This advertisement is also available on the websites of Sindh Education Foundation & SPPRA Govt. of Sindh i.e. <a href="https://ppms.pprasindh.gov.pk">www.sef.org.pk</a> & <a href="https://ppms.pprasindh.gov.pk">https://ppms.pprasindh.gov.pk</a> respectively.

S/d
Deputy Director-Procurement (GA&C Dept.)

### Section II. Bid Data Sheet

#### **Notes on the Bid Data Sheet**

Section II is intended to assist the Procuring agency in providing the specific information in relation to corresponding clauses in the Instructions to Bidders included in Part one Section I, and has to be prepared for each specific procurement.

The Procuring agency should specify in the Bid Data Sheet information and requirements specific to the circumstances of the Procuring agency, the processing of the procurement, the applicable rules regarding bid price and currency, and the bid evaluation criteria that will apply to the bids. In preparing Section II, the following aspects should be checked:

- (a) Information that specifies and complements provisions of Part One Section I must be incorporated.
- (b) Amendments and/or supplements, if any, to provisions of Part One Section I as necessitated by the circumstances of the specific procurement, must also be incorporated.

### **Bid Data Sheet**

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

[Instructions for completing the Bid Data Sheet are provided, as needed, in the notes in italics mentioned for the relevant ITB Clauses.]

	Introduction
ITB 1.1	Sindh Education Foundation
ITB 1.1	N/A
ITB 1.1	N/A
ITB 1.1	Name of Contract.
	PROCUREMENT OF I.T EQUIPMENT
ITB 4.1	Sindh Education Foundation
ITB 6.1	Ph.# 021-34305753-4, 34305754 Fax: 021-34169182 E-mail:
	Zain@sef.org.pk; Website: www.sef.org.pk
ITB 8.1	Language of the bid.
	English only

	Bid Price and Currency
ITB 11.2	The price quoted shall be <u>PKR</u>
ITB 11.5	The price shall be fixed.

	Preparation and Submission of Bids		
ITB 13.3 (d)	Eligibility Criteria		
	S. No. Eligibility Criteria for Procurement of I.T Equipment		
	Minimum 5 Years' experience in supply of I.T Equipment (evidence required).      Purchase orders of last five years of financial worth of minimum 60 million.		
	2 Minimum Turnover is Rs. 75 Million per annum.  For evidence documents require:  • Last two years verified Audit Report required.  3 Valid Authorized Certificate/ document of the manufacturer.		
	4 Affidavit on 100/- rupees stamp/Bond paper that the firm has never been blacklisted due verified from notary public/ oath commissioner.		
	<ul> <li>Have registration with relevant Tax &amp; Sale Tax Departments of the Govt. of Pakistan or Govt. of Sindh. Following evidence documents are required:         <ul> <li>Copy of Sales tax Registration Certificate required from FBR (must).</li> <li>Copy of National Tax Registration Certificate required from FBR (must)</li> <li>Copy of Tax Exemption Certificate required (if applicable).</li> </ul> </li> </ul>		
ITB 14.3 (b)	Spare parts required for [02] of years of operation. N/A		
ITB 15.1	AMOUNT OF BID SECURITY.  Must be a pay order, demand draft, or bank guarantee for Bid Security of 5% of the bid price quoted (refundable) in the name of "SINDH EDUCATION FOUNDATION".		
ITB 16.1	BID VALIDITY PERIOD.		
	Bid validity periods is 90 days.		
ITB 17.1	• Number of copies (Original and 03 photocopy of Technical Proposal).		
ITB 18.2 (a)	<ul> <li>ADDRESS FOR BID SUBMISSION.</li> <li>First Floor NICL Building, Survey No. 183/4, Abbasi Shaheed Road, Cantonment Karachi, Sindh, Pakistan.</li> <li>Phone: (92-21) 99333244-46, 99333248-49, 34169184, FAX: (92-21) 99251652.</li> </ul>		
ITB 18.2 (b)	NIT TITLE AND NUMBER.  PROCUREMENT OF I.T EQUIPMENT, TENDER NO. SEF/NP/23-24/07.		
ITB 19.1	DEADLINE FOR BID SUBMISSION.  TIME: 02:00 pm.		
ITB 22.1	BID OPENING TIME: 02:30 pm. BID OPENING DATE: 25 <sup>th</sup> April, 2024.  • ADDRESS: First Floor NICL Building, Survey No. 183/4, Abbasi Shaheed Road, Cantonment Karachi, Sindh, Pakistan. Ph: 021- 99333244-49   Fax: 021-34169181   E-mail: zain@sef.org.pk   Website: www.sef.org.pk.		
	Bid Evaluation		

Part Two - Section II. Bid Data Sheet

Part Two - Section II. Bio	Data Sheet
ITB 25.3	Criteria for bid evaluation.
	100 % conformance to technical specification.
ITB 25.4 (a)	One option only. (N/A)
ITB 25.4 (b)	Delivery Schedule should be as per the Work/Purchase Order.
	Relevant parameters in accordance with option selected:
Option (i)	adjustment expressed as a percentage,
	or
Option (ii)	adjustment expressed in an amount in the currency of bid evaluation,
	or
Option (iii)	adjustment expressed as a percentage
	[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.]
ITB 25.4 (c) (ii)	Deviation in payment schedule. (N/A)
	Annual interest rate.
ITB 25.4 (d)	Cost of spare parts. (N/A)
	[Specify the applicable method—(i), (ii), or (iii)—and factors (e.g., number of years) and reference to the Appendix to the Technical Specifications, as required.]
ITB 25.4 (e)	Spare parts and after sales service facilities in the Procuring agency's country.
ITB 25.4 (f)	Operating and maintenance costs.
	Factors for calculation of the life cycle cost:
	(i) number of years for life cycle [it is recommended that the life cycle period should not exceed the usual period before a planned major overhaul of the goods];
	(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 (N/A)
	Reference to the methodology specified in the Technical Specifications or elsewhere in the bidding documents.  [The contractual liquidated damages specified in the SCC shall be higher than the evaluation advantage.]

Part Two - Section II. Bid Data She	Part Two	- Section	II. Bid	Data	Shee
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Part I wo - Section II. Bid	Data Sheet
ITB 25.4 (g)	Performance and productivity of equipment.  [Specify the applicable procedure and the adjustment factor (in the currency used for bid evaluation, as applicable), as required. The adjustment factor should apply to the norm that shall be used and that shall either be specified in the Technical Specifications or shall be the value committed in the responsive bid with the best guaranteed performance or productivity; the contractual liquidated damages specified in the SCC shall be higher than the evaluation advantage.]
ITB 25.4 (h)	Details on the evaluation method or reference to the Technical Specifications. 100 % compliance of Technical and Functional Specifications.
ITB 25.4 Alternative	Specify the evaluation factors. (N/A)  [The method shall be used only when a more elaborate quantification is either impractical or unjustified due to the small value of the procurement.]
	Contract Award
ITB 29.1	Percentage for quantity increase or decrease.  Percentage for quantity increase or decrease is 15% of the total tendered quantities.

**Section III. Special Conditions of Contract** 

### **Notes on the Special Conditions of Contract**

Similar to the Bid Data Sheet in Section II, the clauses in this Section are intended to assist the Procuring agency in providing contract-specific information in relation to corresponding clauses in the General Conditions of Contract.

The provisions of Section III complement the General Conditions of Contract included in Part one, Section II, specifying contractual requirements linked to the special circumstances of the Procuring agency, the Procuring agency's country, the sector, and the Goods purchased. In preparing Section III, the following aspects should be checked:

- (a) Information that complements provisions of Part one Section II must be incorporated.
- (b) Amendments and/or supplements to provisions of Part one Section II, as necessitated by the circumstances of the specific purchase, must also be incorporated.

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### **Special Conditions of Contract**

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

#### 1. Definitions (GCC Clause 1)

GCC 1.1 (g)—The Procuring agency is: Sindh Education Foundation

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

GCC 1.1 (i)—The Supplier is: Successful Bidder will be the Supplier

#### Sample Provision

GCC 1.1 (j)—The Project Site is: N/A

#### 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: *TEN* (10) percent

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) 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: N/A

[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: N/A

#### 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 twelve (12) 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: (N/A)

#### 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:

Payment of local currency portion shall be made in <u>PKR</u> within thirty (30) days of presentation of claim supported by a certificate from the Procuring agency declaring that the Goods have been delivered and that all other contracted Services have been performed.

- (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.
- (ii) Part payment on part supply may be allowed.

#### 12. Prices (GCC Clause 17)

#### Sample provision

GCC 17.1—Prices shall be adjusted in accordance with provisions in the Attachment to SCC. (N/A)

#### 13. Liquidated Damages (GCC Clause 23)

GCC 23.1—Applicable rate:

Maximum deduction:

Applicable rate shall not exceed one-half (0.5) percent per week.

#### 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: English

### 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: Sindh Education Foundation First Floor NICL Building, Survey No. 183/4, Abbasi Shaheed Road, Cantonment Karachi, Sindh, Pakistan.

—Supplier's address for notice purposes:

# **Section IV. Schedule of Requirements**

### **Notes for Preparing the Schedule of Requirements**

The Schedule of Requirements shall be included in the bidding documents by the Procuring agency, and shall cover, at a minimum, a description of the goods and services to be supplied and the delivery schedule.

The objective of the Schedule of Requirements is to provide sufficient information to enable bidders to prepare their bids efficiently and accurately, in particular, the Price Schedule, for which a form is provided in Section VI. In addition, the Schedule of Requirements, together with the Price Schedule, should serve as a basis in the event of quantity variation at the time of award of contract pursuant to ITB Clause 29.

The date or period for delivery should be carefully specified, taking the date prescribed herein from which the Procuring agency's delivery obligations start (i.e., notice of award, contract signature, opening or confirmation of the letter of credit).

## **Schedule of Requirements**

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery required.

Sr. No.	Item Description	Qty	Delivery Schedule
1	Desktop PCs with LED Monitor	50	
2	Laptops (Ci7)	4	
	Laptops (Ci5)	6	
3	High End Graphics Laptop	1	
3	High End Graphics Workstation	1	
4	Multi-Function Black & White Printers	10	May – June, 2024
5	Black & White Laser Printers	10	
6	Scanners	10	
7	Android Tablets	8	
8	Business Projectors (HO + ROK + YPDC)	11	
9	UPS (3 KVA) Vertiv or Equivalent	2	

<sup>&</sup>lt;sup>1</sup> The Procuring agency must specify here the date from which the delivery schedule will start. That date should be either the date of contract award, or the date of contract signature, or the date of opening of letter of credit, or the date of confirmation of the Letter of Credit, as appropriate. The Bid Form should include only a cross-reference to this Schedule.

# **Section V. Technical Specifications**

### **Notes for Preparing the Technical Specifications**

A set of precise and clear specifications is a prerequisite for bidders to respond realistically and competitively to the requirements of the Procuring agency without qualifying their bids. The specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of economy, efficiency, and fairness in procurement be realized, responsiveness of bids be ensured, and the subsequent task of bid evaluation facilitated. The specifications should require that all goods and materials to be incorporated in the goods be new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided for otherwise in the contract.

Samples of specifications from previous similar procurements in the same country are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the goods and the repetitiveness of the type of procurement, it may be advantageous to standardize the General Technical Specifications and incorporate them in a separate subsection. The General Technical Specifications should cover all classes of workmanship, materials, and equipment commonly involved in manufacturing similar goods, although not necessarily to be used in a particular procurement. Deletions or addenda should then adapt the General Technical Specifications to the particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized international standards should be used as much as possible. Where other particular standards are used, whether national standards of the Borrower's country or other standards, the specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Special Conditions of Contract or the Technical Specifications.

#### Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest current edition or revision of the relevant shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalogue number should be avoided as far as possible; where unavoidable they should always be followed by the words "or at least equivalent."

Where appropriate, drawings, including site plans as required, may be furnished by the Procuring agency with the bidding documents. Similarly, the Supplier may be requested to provide drawings or samples either with its bid or for prior review by the Procuring agency during contract execution.

1-Technical Specifications of	Desktop PC Ci-5	with LE (QTY 50)	
PRODUCT FEATURES	DESCRIPTION	DESCRIPTION	
Make	Dell, HP, Lenovo o	r equivalent	
Model	Dell Vostro 3888 o	Dell Vostro 3888 or equivalent	
Form Factor	Micro Tower	Micro Tower	
Processor	Core i5	Core i5	
Generation	12th Generation (L	12th Generation (Latest) or higher	
Memory	16 GB DDR 4	16 GB DDR 4	
Hard Drive	500GB SATA SSD	500GB SATA SSD 2.5"	
Optical Media	DVD +/- RW	DVD +/- RW	
Connectivity	Ethernet RJ-45, Wireless LAN		
I/O Ports	USB HDMI Audio	USB HDMI Audio	
	Make	Dell, HP, Lenovo or equivalent	
	Model	Dell E2222HS or equivalent	
	Display Type	LED	
LED / Display Screen	Size	21.5 inch	
	Connectivity	HDMI, VGA	
	Resolution	Full HD (1080p)	
	Cables	Power, HDMI, VGA Cable	
Accessories	Branded Keyboard	& Mouse	
Warranty	1-year Local warranty		

2 - Technical Specification	ons of Laptop (Ci7) (QTY 4)	
PRODUCT FEATURES	DESCRIPTION	
Make	HP, Dell, Lenovo or Equivalent	
Model	HP Pro Book 450 G9 or Equivalent	
Processor	Core i7 – 12th Gen (Latest) or higher	
Graphics	Intel Iris XE Graphics	
Display	15.6" FHD or above	
Memory	16GB	
Hard Drive	512GB SSD M.2 NvME	
Keyboard	Spill-resistant, Backlit	
Chassis	Aluminum materials with narrow bazel	
Card Reader	Optional	
Operating System	Dos	
Camera	720p	
Connectivity	Wi-Fi, Bluetooth, Ethernet	
Fingerprint	Touch Style Fingerprint Reader	
Battery	Built-in	
Accessories	HP Adapter	
	HP Branded Carry Case	
	Wireless Mouse	
Warranty	1-year or above local warranty	
Technical Specification	s of Laptop (Ci5) (QTY 6)	
PRODUCT FEATURES	DESCRIPTION	
3.6.3	Langua IID Dell or Equivalent	
Make	Lenovo, HP, Dell or Equivalent	
Make Model	21E7S44900-BThinkPad E15 G4 or	
Model	21E7S44900-BThinkPad E15 G4 or equivalent	
Model Processor	21E7S44900-BThinkPad E15 G4 or equivalent Core i5 – 12th Gen (Latest) or higher	
Model Processor Graphics	21E7S44900-BThinkPad E15 G4 or equivalent Core i5 – 12th Gen (Latest) or higher Iris XE Graphics	
Model Processor Graphics Display	21E7S44900-BThinkPad E15 G4 or equivalent Core i5 – 12th Gen (Latest) or higher Iris XE Graphics 15.6" IPS Display	
Model Processor Graphics Display Memory	21E7S44900-BThinkPad E15 G4 or equivalent  Core i5 – 12th Gen (Latest) or higher Iris XE Graphics 15.6" IPS Display 16GB	
Model Processor Graphics Display Memory Hard Drive	21E7S44900-BThinkPad E15 G4 or equivalent Core i5 – 12th Gen (Latest) or higher Iris XE Graphics 15.6" IPS Display 16GB 512GB SSD 2.5"	
Model  Processor Graphics Display Memory Hard Drive Keyboard	21E7S44900-BThinkPad E15 G4 or equivalent  Core i5 – 12th Gen (Latest) or higher Iris XE Graphics 15.6" IPS Display 16GB 512GB SSD 2.5" Spill-resistant	
Model  Processor Graphics Display Memory Hard Drive Keyboard Card Reader	21E7S44900-BThinkPad E15 G4 or equivalent  Core i5 – 12th Gen (Latest) or higher Iris XE Graphics 15.6" IPS Display 16GB 512GB SSD 2.5" Spill-resistant Optional	
Model  Processor Graphics Display Memory Hard Drive Keyboard Card Reader Operating System	21E7S44900-BThinkPad E15 G4 or equivalent  Core i5 – 12th Gen (Latest) or higher  Iris XE Graphics  15.6" IPS Display  16GB  512GB SSD 2.5"  Spill-resistant  Optional  Dos	
Model  Processor Graphics Display Memory Hard Drive Keyboard Card Reader Operating System Camera	21E7S44900-BThinkPad E15 G4 or equivalent  Core i5 – 12th Gen (Latest) or higher Iris XE Graphics 15.6" IPS Display 16GB 512GB SSD 2.5" Spill-resistant Optional Dos 720p	
Model  Processor Graphics Display Memory Hard Drive Keyboard Card Reader Operating System Camera Connectivity	21E7S44900-BThinkPad E15 G4 or equivalent  Core i5 – 12th Gen (Latest) or higher Iris XE Graphics 15.6" IPS Display 16GB 512GB SSD 2.5" Spill-resistant Optional Dos 720p Wi-Fi, Bluetooth, Ethernet	
Model  Processor Graphics Display Memory Hard Drive Keyboard Card Reader Operating System Camera Connectivity Battery	21E7S44900-BThinkPad E15 G4 or equivalent  Core i5 – 12th Gen (Latest) or higher  Iris XE Graphics  15.6" IPS Display  16GB  512GB SSD 2.5"  Spill-resistant  Optional  Dos  720p  Wi-Fi, Bluetooth, Ethernet  Built-in	
Model  Processor Graphics Display Memory Hard Drive Keyboard Card Reader Operating System Camera Connectivity	21E7S44900-BThinkPad E15 G4 or equivalent  Core i5 – 12th Gen (Latest) or higher Iris XE Graphics 15.6" IPS Display 16GB 512GB SSD 2.5" Spill-resistant Optional Dos 720p Wi-Fi, Bluetooth, Ethernet Built-in ThinkPad Adapter	
Model  Processor Graphics Display Memory Hard Drive Keyboard Card Reader Operating System Camera Connectivity Battery	21E7S44900-BThinkPad E15 G4 or equivalent  Core i5 – 12th Gen (Latest) or higher Iris XE Graphics 15.6" IPS Display 16GB 512GB SSD 2.5" Spill-resistant Optional Dos 720p Wi-Fi, Bluetooth, Ethernet Built-in ThinkPad Adapter ThinkPad Branded Carry Case	
Model  Processor Graphics Display Memory Hard Drive Keyboard Card Reader Operating System Camera Connectivity Battery	21E7S44900-BThinkPad E15 G4 or equivalent  Core i5 – 12th Gen (Latest) or higher Iris XE Graphics 15.6" IPS Display 16GB 512GB SSD 2.5" Spill-resistant Optional Dos 720p Wi-Fi, Bluetooth, Ethernet Built-in ThinkPad Adapter	

3 - Technical Specifications of High-end Graphics Laptop (QTY 1)				
PRODUCT FEATURES	DESCRIPTION			
Make	Dell, HP, Lenovo	or equivalent		
Generation	13th Generation of	or Higher		
Processor Type & Speed	13th Generation Ghz	Core i7 13700H Processor upto 5.0		
Graphics Card	NVIDIA® GeForce, 8 GB GDDR6			
Display	16" FHD / QHD			
Memory	32GB, (2x16GB), DDR5			
Hard Drive	1 TB, M.2, PCIe NVMe, SSD			
Keyboard	Backlit Keyboard			
Operating System	Dos			
Camera	1080p at 30 fps			
Connectivity	Wireless: Intel Wi-Fi 6 AX201, 2x2, Bluetooth			
Ports	Type-C Port (Thunderbolt 4.0), DisplayPort 1.4, USB			
	Type-A 3.2 Gen 1, HDMI.			
Battery	6-Cell Battery			
Power	240W AC Adapte	er or Equivalent		
Accessories	Wireless Mouse			
Warranty	2-year Local warranty			
	Technical Specifications of Workstation Core i5 (Graphics) (QTY 1)			
Technical Specification	ns of Workstation	Core i5 (Graphics) (QTY 1)		
Technical Specification PRODUCT FEATURES	ns of Workstation  DESCRIPTION	Core i5 (Graphics) (QTY 1)		
	T			
PRODUCT FEATURES	DESCRIPTION	or equivalent		
PRODUCT FEATURES Make	DESCRIPTION HP, Dell, Lenovo	or equivalent		
PRODUCT FEATURES Make Model	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi	or equivalent valent		
PRODUCT FEATURES Make Model Form Factor	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi Tower	or equivalent valent		
PRODUCT FEATURES Make Model Form Factor Processor Type & Speed	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi Tower 13th Generation C 16 Discrete NVIDIA	or equivalent valent		
PRODUCT FEATURES Make Model Form Factor Processor Type & Speed Cores Video Graphics	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi Tower 13th Generation C	or equivalent valent  Core i5  RTX <sup>TM</sup> A4000 (16 GB GDDR6		
PRODUCT FEATURES Make Model Form Factor Processor Type & Speed Cores Video Graphics Primary Internal Storage	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi Tower 13th Generation C 16 Discrete NVIDIA dedicated) 1 TB SSD SATA	or equivalent valent  Core i5  RTX <sup>TM</sup> A4000 (16 GB GDDR6		
PRODUCT FEATURES Make Model Form Factor Processor Type & Speed Cores Video Graphics Primary Internal Storage Memory Size	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi Tower 13th Generation C 16 Discrete NVIDIA dedicated) 1 TB SSD SATA 32 GB DDR5	or equivalent  valent  Core i5  RTX <sup>TM</sup> A4000 (16 GB GDDR6  2.5"		
PRODUCT FEATURES Make Model Form Factor Processor Type & Speed Cores Video Graphics Primary Internal Storage Memory Size Optical Media	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi Tower 13th Generation C 16 Discrete NVIDIA dedicated) 1 TB SSD SATA 32 GB DDR5 HP Slim DVD-W	or equivalent valent  Core i5  RTX <sup>TM</sup> A4000 (16 GB GDDR6 2.5"		
PRODUCT FEATURES Make Model Form Factor Processor Type & Speed Cores Video Graphics Primary Internal Storage Memory Size Optical Media Connectivity	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi Tower 13th Generation C 16 Discrete NVIDIA dedicated) 1 TB SSD SATA 32 GB DDR5 HP Slim DVD-W Ethernet, Wifi, Bl	or equivalent valent  Core i5  RTX <sup>TM</sup> A4000 (16 GB GDDR6  2.5"  friter uetooth		
PRODUCT FEATURES Make Model Form Factor Processor Type & Speed Cores Video Graphics Primary Internal Storage Memory Size Optical Media	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi Tower 13th Generation C 16 Discrete NVIDIA dedicated) 1 TB SSD SATA 32 GB DDR5 HP Slim DVD-W Ethernet, Wifi, Bl USB Type – A, L	or equivalent valent  Core i5  RTX <sup>TM</sup> A4000 (16 GB GDDR6  2.5"  riter uetooth  JSB Type – C, Audio		
PRODUCT FEATURES Make Model Form Factor Processor Type & Speed Cores Video Graphics Primary Internal Storage Memory Size Optical Media Connectivity	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi Tower 13th Generation C 16 Discrete NVIDIA dedicated) 1 TB SSD SATA 32 GB DDR5 HP Slim DVD-W Ethernet, Wifi, Bl	or equivalent  valent  Core i5  RTX <sup>TM</sup> A4000 (16 GB GDDR6  2.5"  riter  uetooth  JSB Type – C, Audio  HP, Dell Lenovo or equivalent		
PRODUCT FEATURES Make Model Form Factor Processor Type & Speed Cores Video Graphics Primary Internal Storage Memory Size Optical Media Connectivity	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi Tower 13th Generation C 16 Discrete NVIDIA dedicated) 1 TB SSD SATA 32 GB DDR5 HP Slim DVD-W Ethernet, Wifi, Bl USB Type – A, L	or equivalent  Evalent  Core i5  RTX <sup>TM</sup> A4000 (16 GB GDDR6  2.5"  riter  uetooth  JSB Type – C, Audio  HP, Dell Lenovo or equivalent  HP M27F 27" FHD IPS LED		
PRODUCT FEATURES Make Model Form Factor Processor Type & Speed Cores Video Graphics Primary Internal Storage Memory Size Optical Media Connectivity I/O Ports (Rear)	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi Tower 13th Generation C 16 Discrete NVIDIA dedicated) 1 TB SSD SATA 32 GB DDR5 HP Slim DVD-W Ethernet, Wifi, Bl USB Type – A, U Make Model	or equivalent valent  Core i5  RTX <sup>TM</sup> A4000 (16 GB GDDR6  2.5"  riter uetooth JSB Type – C, Audio HP, Dell Lenovo or equivalent HP M27F 27" FHD IPS LED Monitor		
PRODUCT FEATURES Make Model Form Factor Processor Type & Speed Cores Video Graphics Primary Internal Storage Memory Size Optical Media Connectivity	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi Tower 13th Generation C 16 Discrete NVIDIA dedicated) 1 TB SSD SATA 32 GB DDR5 HP Slim DVD-W Ethernet, Wifi, Bl USB Type – A, U Make Model Size	or equivalent  valent  Core i5  RTX <sup>TM</sup> A4000 (16 GB GDDR6  2.5"  riter  uetooth  JSB Type – C, Audio  HP, Dell Lenovo or equivalent  HP M27F 27" FHD IPS LED  Monitor  27 inches		
PRODUCT FEATURES Make Model Form Factor Processor Type & Speed Cores Video Graphics Primary Internal Storage Memory Size Optical Media Connectivity I/O Ports (Rear)	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi Tower 13th Generation C 16 Discrete NVIDIA dedicated) 1 TB SSD SATA 32 GB DDR5 HP Slim DVD-W Ethernet, Wifi, Bl USB Type – A, U Make Model Size Display Type	or equivalent  valent  Core i5  RTX <sup>TM</sup> A4000 (16 GB GDDR6  2.5"  riter  uetooth  JSB Type – C, Audio  HP, Dell Lenovo or equivalent  HP M27F 27" FHD IPS LED  Monitor  27 inches  Wide Screen Panel Display		
PRODUCT FEATURES Make Model Form Factor Processor Type & Speed Cores Video Graphics Primary Internal Storage Memory Size Optical Media Connectivity I/O Ports (Rear)	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi Tower 13th Generation C 16 Discrete NVIDIA dedicated) 1 TB SSD SATA 32 GB DDR5 HP Slim DVD-W Ethernet, Wifi, Bl USB Type – A, U Make Model Size Display Type Connectivity	or equivalent  valent  Core i5  RTX <sup>TM</sup> A4000 (16 GB GDDR6  2.5"  riter  uetooth  JSB Type – C, Audio  HP, Dell Lenovo or equivalent  HP M27F 27" FHD IPS LED  Monitor  27 inches  Wide Screen Panel Display  HDMI, VGA		
PRODUCT FEATURES Make Model Form Factor Processor Type & Speed Cores Video Graphics Primary Internal Storage Memory Size Optical Media Connectivity I/O Ports (Rear)  LED / Display Screen	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi Tower 13th Generation C 16 Discrete NVIDIA dedicated) 1 TB SSD SATA 32 GB DDR5 HP Slim DVD-W Ethernet, Wifi, Bl USB Type – A , U Make Model Size Display Type Connectivity Cables	or equivalent  valent  Core i5  RTX <sup>TM</sup> A4000 (16 GB GDDR6  2.5"  riter  uetooth  JSB Type – C, Audio  HP, Dell Lenovo or equivalent  HP M27F 27" FHD IPS LED  Monitor  27 inches  Wide Screen Panel Display  HDMI, VGA  Power, HDMI, VGA Cable		
PRODUCT FEATURES Make Model Form Factor Processor Type & Speed Cores Video Graphics Primary Internal Storage Memory Size Optical Media Connectivity I/O Ports (Rear)  LED / Display Screen	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi Tower 13th Generation C 16 Discrete NVIDIA dedicated) 1 TB SSD SATA 32 GB DDR5 HP Slim DVD-W Ethernet, Wifi, Bl USB Type – A, U Make Model Size Display Type Connectivity Cables Windows 11 Pro C	or equivalent  valent  Core i5  RTX <sup>TM</sup> A4000 (16 GB GDDR6  2.5"  riter  uetooth  JSB Type – C, Audio  HP, Dell Lenovo or equivalent  HP M27F 27" FHD IPS LED  Monitor  27 inches  Wide Screen Panel Display  HDMI, VGA  Power, HDMI, VGA Cable  64-bit Licensed (with media kit)		
PRODUCT FEATURES Make Model Form Factor Processor Type & Speed Cores Video Graphics Primary Internal Storage Memory Size Optical Media Connectivity I/O Ports (Rear)  LED / Display Screen	DESCRIPTION HP, Dell, Lenovo HP Z4 G5 or equi Tower 13th Generation C 16 Discrete NVIDIA dedicated) 1 TB SSD SATA 32 GB DDR5 HP Slim DVD-W Ethernet, Wifi, Bl USB Type – A, U Make Model Size Display Type Connectivity Cables Windows 11 Pro C 2 years or above v	or equivalent  valent  Core i5  RTX <sup>TM</sup> A4000 (16 GB GDDR6  2.5"  riter  uetooth  JSB Type – C, Audio  HP, Dell Lenovo or equivalent  HP M27F 27" FHD IPS LED  Monitor  27 inches  Wide Screen Panel Display  HDMI, VGA  Power, HDMI, VGA Cable  64-bit Licensed (with media kit)		

4- Technical Specifications of Multi-Function Printer (Black & White)		
(QT	Y 10)	
PRODUCT FEATURES DESCRIPTION		
Make	HP or equivalent	
Model	HP LaserJet Pro MFP M4103fdw	
Print Technology	Laser	
Function	Print, Copy, Scan (Multi-Function)	
PRINT SPEED BLACK (ISO, A4)	41 ppm or higher	
DUTY CYCLE (MONTHLY, A4)	80,000 pages or higher	
PROCESSOR SPEED	1200 Mhz or higher	
CONNECTIVITY	USB 2.0, Ethernet, Wireless	
MEMORY	512 MB or higher	
COMPATIBLE OPERATING SYSTEMS	Windows 11; Windows 10; Windows 8;	
Windows 8.1; Windows 7; macOS		
DUPLEX PRINTING Yes		
Scan speed	31 ppm or higher	
WARRANTY	1-year Local warranty	
CABLES INCLUDED	USB cable; Power cable	

5-Technical Specifications of Laser Printer (Black & White) (QTY 10)		
PRODUCT FEATURES	DESCRIPTION	
Make	HP or equivalent	
Model	HP M4003DW or equivalent	
Print Technology	Laser	
Function	Print Only	
PRINT SPEED BLACK	42 ppm or higher	
DUTY CYCLE (MONTHLY, A4)	80,000 pages or higher	
PROCESSOR SPEED	1200 MHz	
CONNECTIVITY, STANDARD	USB 2.0, Gigabit Ethernet, Wireless	
MEMORY	256 MB or higher	
COMPATIBLE OPERATING	Windows 11; Windows 10; Windows 8;	
SYSTEMS	Windows 8.1; Windows 7; Android; Mobile	
SISIEMS	OS; macOS.	
DUPLEX PRINTING	Automatic	
CABLES INCLUDED	USB cable; Power cords	
WARRANTY	1-year Local warranty	

6 - Technical Specifications of Scanner (QTY 10)		
PRODUCT FEATURES	DESCRIPTION	
MAKE	HP or equivalent	
MODEL	HP Scanjet Pro 2600 F1 or equivalent	
SCANNER TYPE	Flatbed, ADF	
SCAN RESOLUTION	600 dpi (color and mono, ADF); 1200 dpi	
	(color and mono, flatbed) or higher	
DUTY CYCLE (DAILY)	1500 pages (ADF) or higher	
SCAN FILE FORMAT	For text & images: PDF, JPEG, PNG, BMP,	
	TIFF, TXT (Text), RTF (Rich Text).	
AUTOMATIC DOCUMENT FEEDER	60 sheets or higher	
CAPACITY		
AUTOMATIC DOCUMENT FEEDER	20 ppm/40 ipm or higher	
SCAN SPEED		
COMPATIBLE OPERATING SYSTEMS	Windows 7; Windows 10 32 & 64 bit; Mac	
	OS	
CONNECTIVITY	USB	
WARRANTY	1-year Local warranty	
CABLES INCLUDED	USB cable; Power adaptor; Power cord	

7 - Technical Specifications of Android Tablets (QTY 8)			
PRODUCT FEATUR		DESCRIPTION	
Make		Samsung or equivalent	
Model		Samsung Galaxy Tab A9 Plus X210	
BODY			
DISPLAY Type TFT LCD, 90Hz		TFT LCD, 90Hz	
Size		11.0 inches, 350.9 cm <sup>2</sup> (~80.9% screen-to-body	
		ratio)	
<b>Resolution</b> 1200 x 1920 pixels, 16:10 ratio (~206 ppi den		1200 x 1920 pixels, 16:10 ratio (~206 ppi density)	
PLATFORM	OS	Android 13, One UI 5.1	
Chipset		Qualcomm SM6375 Snapdragon 695 5G (6 nm)	
CPU		Octa-core (2x2.2 GHz Kryo 660 Gold	
GPU		Adreno 619	
MEMORY Card slot microSDXC (dedicated slot)		microSDXC (dedicated slot)	
Internal		128GB 8GB RAM	
MAIN CAMERA Single		8 MP, AF	
Video		1080p@30fps	
SELFIE CAMERA	Single	5 MP	
Video		1080p@30fps	
SOUND	Loudspeaker	Yes, with stereo speakers (4 speakers)	
3.5mm jack		Yes	
COMMS	WLAN	Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct	
Bluetooth		5.1, A2DP, LE	
Positioning		GPS, GLONASS, GALILEO, BDS, QZSS	
USB		USB Type-C 2.0	
FEATURES Sensors		Accelerometer, gyro, proximity (accessories only),	
		compass	
BATTERY	Type	Li-Po 7040 mAh, non-removable	
Charging		15W wired	
Warranty		1-year Local warranty	

8 – Technical Specifications of Business Projectors (QTY 11)		
PRODUCT FEATURES	DESCRIPTION	
Make		Epson or equivalent
Model		EB-W06
Technology	Projection	3LCD Technology, RGB liquid crystal
	System	shutter
LCD Panel		0.59 inch with C2 Fine
Image	Color Light	3,700 Lumen- 2,400 Lumen (economy) In
	Output	accordance with IDMS15.4
White Light Output		3,700 Lumen - 2,400 Lumen (economy)
High Definition		HD ready
Aspect Ratio		16:10
Contrast Ratio		16,000 : 1
Light source		Lamp
Lamp		UHE, 210 W, 6,000 h durability, 12,000 h
		durability (economy mode)
Keystone Correction		Auto vertical: ± 30 °, Manual horizontal ±
		30 °
2D Vertical Refresh Rate		100 Hz - 120 Hz
Colour Reproduction		Upto 1.07 billion colours
Optical	Throw Ratio	1.30 - 1.56:1
Zoom		Manual, Factor: 1 - 1.2
Lens		Optical
Screen Size		33 inches - 320 inches
Projection Distance Wide/Tele	2	1.68 m - 2.02 m ( 60 inch screen)
Projection Lens F Number		1.49 - 1.72
Projection Lens Focal Length		16.9 mm - 20.28 mm
Projection Lens Focus		Manual
Offset	1	10:1
Connectivity	Interfaces	USB 2.0-A, USB 2.0, VGA in, HDMI in,
		Composite in, Wireless LAN IEEE
		802.11b/g/n (optional), Cinch audio in
Warranty		1-year Local warranty

9 - Technical Specifications of UPS (3 KVA) (QTY 02)		
PRODUCT FEATURES DESCRIPTION		
Make	Vertiv - Liebert or equivalent	
Model GXT-3000MTPLUSC230 (UPS VERT)		
	LIEBERT GXT-MTPLUS CX - ON-LINE	
	3000VA/2700W STANDARD BACKUP	
	MODEL)	
INPUT		
Nominal Voltage	230 Vac	
Voltage Range – Low Line Loss	110 VAC +- 3% at 50% Load	
	176 VAC +-3% at 100% Load	
Low Line Comeback	120 VAC +- 3% at 50% Load	
	186 VAC +-3% at 100% Load	
High Line Loss	280 VAC +- 3%	

High Line Comeback	270 VAC +- 3%	
Frequency Range	40 Hz ~ 70 Hz	
Power Factor	>- 0.99 @ 100% load	
OUTPUT	>- 0.99 @ 100% load	
Nominal Voltage	208/220/230/240 VAC	
	208/220/230/240 VAC +- 1%	
AC Voltage Regulation	+- 170 46Hz ~ 54Hz or 56Hz ~ 64Hz	
Frequency Range (Sync Range)	40HZ ~ 34HZ 0Г 30HZ ~ 04HZ 50Hz +- 0.1 Hz or 60Hz +- 0.1 Hz	
Frequency Range (Batt.Mode) Current Crest Ratio		
	3:1 (max)	
Harmonic Distortion	<- 3% THD (Linear Load) <- 7% THD (Non-Linear Load)	
Transfer time	(Non Ellicar Load)	
By Pass to Inverter (Line Mode) Zero		
Inverter to ByPass (Line mode) 4 ms (Typica	ul)	
Waveform (Batt Mode)	Pure Sinewave	
Efficiency on AC to AC Mode @ 100%	88%	
load		
Inbuilt Isolation Transformer	No	
BATTERY		
Standard Run Model	Battery Type: 12BV/9AH	
	Numbers: 6	
	Typical Recharge Time: 4 hours recover to	
	90% capacity	
	Charging Current (max) 1.0 A	
	Charging Voltage: 82.1 VDC +-1 %	
Long Run Model	Battery Type: Depending on the capacity of	
	external batteries	
	Numbers: 6	
	Charging Current: 1.0 A/2.0A/4.00.0A, 6.0A	
	default	
	Float Charging Voltage: 82.1 VDC 1 %	
INDICATORS		
LCD Panel	UPS Status, Load Level, Battery Level,	
	Input/output Voltage, Discharge timer and	
	fault conditions	
ALARM		
Battery Mode	Sounding every 4 seconds	
Low Battery	Sounding every second	
Overload	Sounding twice every second	
Fault	Continuously sounding	
PHYSICAL		
Standard Run	Dimension: 421x 190 x 318	
Model	27.6	
Long Run	397x145x220	
Warranty	1 year standard warranty	

# **Section VI. Sample Forms**

#### **Notes on the Sample Forms**

The Bidder shall complete and submit with its bid the **Bid Form** and **Price Schedules** pursuant to ITB Clause 9 and in accordance with the requirements included in the bidding documents.

When requested in the Bid Data Sheet, the Bidder should provide the **Bid Security**, either in the form included hereafter or in another form acceptable to the Procuring agency, pursuant to ITB Clause 15.3.

The **Contract Form**, when it is finalized at the time of contract award, should incorporate any corrections or modifications to the accepted bid resulting from price corrections pursuant to ITB Clause 16.3 and GCC Clause 17, acceptable deviations (e.g., payment schedule pursuant to ITB Clause 25.4 (c), spare parts pursuant to ITB Clause 25.4 (d), or quantity variations pursuant to ITB Clause 29. The Price Schedule and Schedule of Requirements deemed to form part of the contract should be modified accordingly.

The **Performance Security** and **Bank Guarantee for Advance Payment** forms should not be completed by the bidders at the time of their bid preparation. Only the successful Bidder will be required to provide performance security and bank guarantee for advance payment in accordance with one of the forms indicated herein or in another form acceptable to the Procuring agency and pursuant to GCC Clause 7.3 and SCC 11, respectively.

The **Manufacturer's Authorization** form should be completed by the Manufacturer, as appropriate, pursuant to ITB Clause 13.3 (a).

# **Sample Forms**

1.	BID FORM AND PRICE SCHEDULES	25
	BID SECURITY FORM	
3.	CONTRACT FORM	27
	PERFORMANCE SECURITY FORM	
	BANK GUARANTEE FOR ADVANCE PAYMENT	
6.	MANUFACTURER'S AUTHORIZATION FORM	30

### 1. Bid Form and Price Schedules

	Da IFB i	nte:
To: [name and address of Procuring	g Agency]	
Gentlemen and/or Ladies:		
receipt of which is hereby duly [description of goods and services] [total bid amount in words and figure	dding documents including Addacknowledged, we, the undersig in conformity with the said biddes or such other sums as may be herewith and made part of this	ned, offer to supply and deliver ding documents for the sum of ascertained in accordance with
We undertake, if our Bid schedule specified in the Sched	is accepted, to deliver the goods dule of Requirements.	in accordance with the delivery
<u> </u>	e will obtain the guarantee of a better the due performance ency.	<u>=</u>
opening under Clause 22 of th	s Bid for a period of [number] da ne Instructions to Bidders, and in the before the expiration of that p	t shall remain binding upon us
	is prepared and executed, this Entification of award, shall constit	<u> </u>
	s, if any, paid or to be paid by u are awarded the contract, are lis	
Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
(if none, state "none")		

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

Part Two - Section VII. Eligibility for the Provision of Goods, Works and Services in Bank Financed Procurement			70
Dated this	day of	17	
[signature]		[in the capacity of]	
Duly authorized to s	sign Bid for and on bo	ehalf of	

## Price Schedule in Pak. Rupees

i i di	Name of Bidder	. IFB Number	. Page of
---	----------------	--------------	-----------

1	2	3	4	5	6
Item	Description	Country of origin	Quantity	Unit price	Total
1	Desktop PCs with LED		50		
2	Laptops (Ci7)		4		
	Laptops (Ci5)		6		
3	High End Graphics Laptop		1		
	High End Graphics Workstation		1		
4	Multi-Function Black & White Printers		10		
5	Black & White Laser Printers		10		
6	Scanners		10		
7	Android Tablets		8		
8	Business Projectors (HO + ROK + YPDC)		11		
9	UPS (3 KVA) Vertiv or Equivalent		2		
	Sub Total				
	Grand Total				

Signature of Bidder
---------------------

#### Note:

- 1. In case of discrepancy between unit price and total, the unit price shall prevail.
- 2. The prices should be inclusive of all applicable taxes.

<sup>&</sup>lt;sup>3</sup> Must be included if required under ITB 11.

#### 2. Bid Security Form

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

KNOW ALL PEOPLE by these presents that WE [name of bank] of [name of country], having our registered office at [address of bank] (hereinafter called "the Bank"), are bound unto [name of Procuring agency] (hereinafter called "the Procuring agency") in the sum of for which payment well and truly to be made to the said Procuring agency, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this day of 17.

#### THE CONDITIONS of this obligation are:

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

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

This guarantee will remain in force up to and including twenty eight (28) days after the period of bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

I	[signature of the bank]	1

# 3. Contract Form

THIS .	AGREEMENT made the da	y of 17_	Between [  name of
one pa	ing Agency] of [country of Procuring agency] art and [name of Supplier] of [city and countrier part:		rocuring agency") of the
[brief d	REAS the Procuring agency invited bilescription of goods and services] and has a goods and services in the sum of [controllect Price").	accepted a bid by the Su	applier for the supply of
NOW	THIS AGREEMENT WITNESSETH	AS FOLLOWS:	
1. respec	In this Agreement words and expr tively assigned to them in the Condition		
2. this As (a) (b) (c) (d) (e) (f)	The following documents shall be deegreement, viz.: the Bid Form and the Price Schedule the Schedule of Requirements; the Technical Specifications; the General Conditions of Contract; the Special Conditions of Contract; at the Procuring agency's Notification of Contract.	submitted by the Bidder;	•
the go	In consideration of the payments to be einafter mentioned, the Supplier hereby ods and services and to remedy defec- tions of the Contract	covenants with the Proc	uring agency to provide
such o	The Procuring agency hereby coveragion of the goods and services and the rether sum as may become payable under unner prescribed by the contract.	emedying of defects there	ein, the Contract Price or
	ITNESS whereof the parties hereto hance with their respective laws the day	_	
Signed	d, sealed, delivered byy)	the	(for the Procuring
Signed	l, sealed, delivered by	the	(for the Supplier)

[date]

# 4. Performance Security Form

To: [name of Procuring agency]
WHEREAS [name of Supplier] (hereinafter called "the Supplier") has undertaken, in pursuance of Contract No. [reference number of the contract] dated 17 to supply [description of goods and services] (hereinafter called "the Contract").
AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a bank guarantee by a reputable bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.
AND WHEREAS we have agreed to give the Supplier a guarantee:
THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of [amount of the guarantee in words and figures], and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limits of [amount of guar- antee] as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.
This guarantee is valid until the day of17 .
Signature and seal of the Guarantors
[name of bank or financial institution]
[address]

# 5. Bank Guarantee for Advance Payment

To: [name of Procuring agency]
[name of Contract]
Gentlemen and/or Ladies:
In accordance with the payment provision included in the Special Conditions of Contract, which amends Clause 16 of the General Conditions of Contract to provide for advance payment, [name and address of Supplier] (hereinafter called "the Supplier") shall deposit with the Procuring agency a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of [amount of guarantee in figures and words].
We, the [bank or financial institution], as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the Procuring agency on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding [amount of guarantee in figures and words].
We further agree that no change or addition to or other modification of the terms of the Contract to be performed thereunder or of any of the Contract documents which may be made between the Procuring agency and the Supplier, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition, or modification.
This guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until [date].
Yours truly,
Signature and seal of the Guarantors
[name of bank or financial institution]
[address]
[date]

#### 6. Manufacturer's Authorization Form

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

To: [name of the Procuring agency]

WHEREAS [name of the Manufacturer] who are established and reputable manufacturers of [name and/or description of the goods] having factories at [address of factory]

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

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

[signature for and on behalf of Manufacturer]

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

### 7. Integrity Pact

# DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC PAYABLE BY THE SUPPLIERS/CONTRACTORS/CONSULTANTS

Contract Signed on:	Dated:
Contract Value:	
Contract Title:	
any contract, right, interest, privilege or other	clares that it has not obtained or induced the procurement of er obligation or benefit from Government of Sindh (GoS) or hereof or any other entity owned or controlled by it (GoS)
warrants that it has fully declared the broker given or agreed to give and shall not give of directly or indirectly through any natural of broker, consultant, director, promoter, shared bribe, finder's fee or kickback, whether desobtaining or inducing the procurement of a co	age, commission, fees etc. paid or payable to anyone and not or agree to give to anyone within or outside Pakistan either or juridical person, including its affiliate, agent, associate, holder, sponsor or subsidiary, any commission, gratification, scribed as consultation fee or otherwise, with the object of ontract, right, interest, privilege or other obligation or benefit, (A), except that which has been expressly declared pursuant
agreements and arrangements with all person	ifies that it has made and will make full disclosure of all ns in respect of or related to the transaction with PA and has ction to circumvent the above declaration, representation or
false declaration, not making full disclosure the purpose of this declaration, representati privilege or other obligation or benefit obtain	cepts full responsibility and strict liability for making any e, misrepresenting facts or taking any action likely to defear on and warranty. It agrees that any contract, right, interest ined or procured as aforesaid shall, without prejudice to any der any law, contract or other instrument, be voidable at the
indemnify PA for any loss or damage incurre pay compensation to PA in an amount equi-	tercised by PA in this regard,, agrees to do by it on account of its corrupt business practices and further valent to ten time the sum of any commission, gratification. Inducing the procurement of any contract, right, interest hatsoever form, from PA.
For and on behalf of [Purchaser]	For and on behalf of [Supplier]
<b>Sindh Education Foundation Gos</b> ,	
Authorized Signature: Name and Title of Signatory: Shahnawaz Ali Khan, Deputy Director, Procurement.	Authorized Signature:  Name and Title of Signatory: