



SINDH INSTITUTE OF ANIMAL HEALTH
LIVESTOCK & FISHERIES DEPARTMENT, GOVT. OF SINDH

Animal Science Complex, Near Singer Chowrangi, Korangi, Karachi-74900
Tel: 021-35123347 Fax: 021-35123340 Email: siah.care@gmail.com



Bidding Documents

for National Competitive Bidding

(Single Stage Two Envelope Procedure)

Procurement of Goods

COST OF OTHER STORE & FEED

PART ONE (FIXED)

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

Tender Ref No. SIAH/ASC/Tender/Costofother/2026-27

Due on dated: 08.09.2026

Issued to: _____

P. O. No.: _____

Issue Date: _____

Signature: _____





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TENDER NOTICE

Sealed tenders are invited for supply of the following items to Sindh Institute of Animal Health, Karachi for the year 2026-27 from the manufacturers, importers, sole agents and general suppliers under SPPRA Rules 2010 and amendment made therein.

S. #	Description	Tender No.	Bid Security Amount	Tender document fee non-refundable
01	Cost of other Store & Feed	SIAH/ASC/Costofother/26-27	3,907,000	Rs. 1,000
02	Drug & Medicine	SIAH/ASC/Medicine/26-27	780,000	Rs. 1,000
03	Glassware & Plasticware	SIAH/ASC/Glass/26-27	600,000	Rs. 1,000
04.	Poultry Birds	SIAH/ASC/Poultry/26-27	400,000	Rs. 1,000
05.	Plant & Machinery	SIAH/ASC/Plant&Mach/26-27	100,000	Rs. 1,000
06.	Furniture & Fixture	SIAH/ASC/Furniture/26-27	60,000	Rs. 1,000

The tender documents containing detailed specifications, terms and conditions can be obtained from EPADS portal <https://sindh.eprocure.gov.pk> upon payment of tender cost (non-refundable) through Pay order issued in favor of Sindh Institute of Animal Health, Karachi as per follows:

Date of issue	Date of receiving and opening
Tenders shall be issued from 25-08-2026 to 08-09-2026	Sealed envelop of tenders shall be received on 08-09-2026 up to 02:00 PM and technical bid opened on same day at 02:30 PM before the representative of bidders at Committee Room of SIAH, Karachi.

TERMS AND CONDITIONS

01. Single Stage-Two Envelopes Procedure will be adopted.
02. The bidders are required to attached bid security in shape of payorder / demand draft issued by scheduled bank in Pakistan in favor of Sindh Institute of Animal Health Karachi and submit in E-proposal and original (hard copy) with the bid on address mentioned below on or before 08.09.2026 upto 02:00 pm.
03. Partial and incomplete bids will not be considered. If the bidder failed to submit the bid on online EPADS Portal and bids received after prescribed date and time will be rejected. If the opening date is declared as holiday then the tender will be opened on next working day at same time.
04. The "**Financial Bid**" of only "**Technical Qualified Firms**" will be opened in presence of their respective representatives at the date and time to be determined and communicated later.
05. The Procuring agency shall announce the results of bid evaluation in the form of a report giving reasons for acceptance or rejection of bids, as per SPPRA Rules 2010 (and amendments made therein).

Director General,

Sindh Institute of Animal Health,
Animal Science Complex, Korangi, Karachi

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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Part One - Section I.
Instructions to Bidders

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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.
- 1.2 Payment by the Fund will be made only at the request of the Procuring agency and upon approval by the Government of Sindh., and in case of a project will be subject in all respect to the terms and conditions of the agreement. The Project Agreement prohibits a withdrawal from the allocated fund account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import, to the knowledge of the 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.

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| 6. Clarification of Bidding Documents | 6.1 A interested Bidder requiring any clarification of the bidding documents may notify the Procuring agency in writing. The Procuring agency will respond in writing to any request for clarification of the bidding documents which it receives no later than three working days prior to the deadline for the submission of bids prescribed in the Bid Data Sheet. Written copies of the Procuring agency's response (including an explanation of the query but without identifying the source of inquiry) will be sent to all interested bidders that have received the bidding documents. |
| 7. Amendment of Bidding Documents | 7.1 At any time prior to the deadline for submission of bids, the Procuring agency, for any reason, whether at its own initiative or in response to a clarification requested by a interested Bidder, may modify the bidding documents by amendment.

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

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

C. Preparation of Bids

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| 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: <ul style="list-style-type: none"> (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.
- 13.3 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Procuring agency's satisfaction:
- (a) that, in the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods' Manufacturer or producer to supply the goods in the Procuring agency's country;
 - (b) that the Bidder has the financial, technical, and production capability necessary to perform the contract;
 - (c) that, in the case of a Bidder not doing business within the Procuring agency's country, the Bidder is or will be (if awarded the contract) represented by an Agent in that country equipped, and able to carry out the Supplier's maintenance, repair, and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and
 - (d) that the Bidder meets the qualification criteria listed in the Bid Data Sheet.

**14. Documents
Establishing
Goods'
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

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.

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

**17. Format and
Signing of Bid**

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

17.2 The original and the copy or copies of the bid shall be typed or written in indelible ink and shall be signed by the Bidder or a

person or persons duly authorized to bind the Bidder to the contract. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid.

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

17.4 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.

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

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

23. Clarification of Bids

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

24. Preliminary Examination

24.1 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 after-sales services for the equipment offered in the bid;
- (f) the projected operating and maintenance costs during the life of the equipment;
- (g) the performance and productivity of the equipment offered; and/or
- (h) other specific criteria indicated in the Bid Data Sheet and/or in the Technical Specifications.

25.4 For factors retained in the Bid Data Sheet pursuant to ITB 25.3, one or more of the following quantification methods will be applied, as detailed in the Bid Data Sheet:

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

the final destination.

(b) *Delivery schedule.*

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

or

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

or

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

(c) *Deviation in payment schedule.*

- (i) Bidders shall state their bid price for the payment schedule outlined in the SCC. Bids will be evaluated on the basis of this base price. Bidders are, however, permitted to state an alternative payment schedule and indicate the reduction in bid price they wish to offer for such alternative payment schedule. The Procuring agency may consider the alternative payment schedule offered by the selected Bidder.

or

- (ii) The SCC stipulates the payment schedule offered by

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

(d) *Cost of spare parts.*

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

or

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

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 most advantageous 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 most advantageous 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 most advantageous 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 most advantageous 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 | <p>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.</p> <p>31.2 The notification of award will constitute the formation of the Contract.</p> <p>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.</p> |
| 32. Signing of Contract | <p>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.</p> <p>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.</p> |
| 33 Performance Security | <p>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.</p> <p>33.2 Failure of the successful Bidder to comply with the requirement of ITB Clause 32 or ITB Clause 33.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid</p> |

security, in which event the Procuring agency may make the award to the next most advantageous 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.

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

Part One - Section II.
General Conditions of Contract

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General Conditions of Contract

1. 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.
- 3.2 For purposes of this Clause, “origin” means the place where the Goods were mined, grown, or produced, or from which the Services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 3.3 The origin of Goods and Services is distinct from the nationality of the Supplier.

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- 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.
- 5.2 The Supplier shall not, without the Procuring agency’s prior written consent, make use of any document or information enumerated in GCC Clause 5.1 except for purposes of performing the Contract.
- 5.3 Any document, other than the Contract itself, enumerated in GCC Clause 5.1 shall remain the property of the Procuring agency and shall be returned (all copies) to the Procuring agency on completion of the Supplier’s performance under the Contract if so required by the Procuring agency.

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

6. Patent Rights

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

7. Performance Security

- 7.1 Within twenty (20) days of receipt of the notification of Contract award, the successful Bidder shall furnish to the Procuring agency the performance security in the amount specified in SCC.
- 7.2 The proceeds of the performance security shall be payable to the Procuring agency as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 7.3 The performance security shall be denominated in the currency of the Contract acceptable to the Procuring agency and shall be in one of the following forms:
- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the Procuring agency's country, in the form provided in the bidding documents or another form acceptable to the Procuring agency; or
 - (b) a cashier's or certified check.
- 7.4 The performance security will be discharged by the Procuring agency and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in SCC.

8. Inspections and Tests

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

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

- 8.3 Should any inspected or tested Goods fail to conform to the Specifications, the Procuring agency may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Procuring agency.
- 8.4 The Procuring agency's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival in the Procuring agency's country shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Procuring agency or its representative prior to the Goods' shipment from the country of origin.
- 8.5 Nothing in GCC Clause 8 shall in any way release the Supplier from any warranty or other obligations under this Contract.

9. Packing

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

10. Delivery and Documents

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

- 11. Insurance** 11.1 The Goods supplied under the Contract shall be delivered duty paid (DDP) under which risk is transferred to the buyer after having been delivered, hence insurance coverage is sellers responsibility.
- 12. Transportation** 12.1 The Supplier is required under the Contract to transport the Goods to a specified place of destination within the Procuring agency's country, transport to such place of destination in the Procuring agency's country, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price.
- 13. Incidental Services** 13.1 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:
- (a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;
 - (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
 - (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
 - (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
 - (e) training of the Procuring agency's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.
- 13.2 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged for other parties by the Supplier for similar services.
- 14. Spare Parts** 14.1 As specified in SCC, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

- (a) such spare parts as the Procuring agency may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the Contract; and
- (b) in the event of termination of production of the spare parts:
 - (i) advance notification to the Procuring agency of the pending termination, in sufficient time to permit the Procuring agency to procure needed requirements; and
 - (ii) following such termination, furnishing at no cost to the Procuring agency, the blueprints, drawings, and specifications of the spare parts, if requested.

15. Warranty

- 15.1 The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Procuring agency's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.
- 15.2 This warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.
- 15.3 The Procuring agency shall promptly notify the Supplier in writing of any claims arising under this warranty.
- 15.4 Upon receipt of such notice, the Supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the Procuring agency.
- 15.5 If the Supplier, having been notified, fails to remedy the defect(s)

within the period specified in SCC, within a reasonable period, the Procuring agency may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring agency may have against the Supplier under the Contract.

16. Payment

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

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

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

16.4 The currency of payment is Pak. Rupees.

17. Prices

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

18. Change Orders

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

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

18.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be

made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Procuring agency's change order.

**19. Contract
Amendments**

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

20. Assignment

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

21. Subcontracts

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

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

**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.

27.2 The Goods that are complete and ready for shipment within thirty (30) days after the Supplier’s receipt of notice of termination shall be accepted by the Procuring agency at the

Contract terms and prices. For the remaining Goods, the Procuring agency may elect:

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

28. Resolution of Disputes

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

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

29. Governing Language

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

30. Applicable Law

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

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.

Sindh Public Procurement Regulatory Authority

Bidding Documents

For

National Competitive Bidding

Procurement of Goods

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

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Invitation for Bids

Date: *[date of issuance of IFB]* _____

IFB N^o: _____

1. The Sindh Institute of Animal Health, Karachi has received an allocation from the Public Fund in Pak rupees. It is intended that part of the proceeds of this allocated fund will be applied to eligible payments under the contract for Cost of other store and feed items.
2. The Director General, Sindh Institute of Animal Health, Karachi now invites sealed bids from eligible bidders for the supply of Cost of other store and feed items.
3. Interested eligible bidders may obtain further information from and inspect the bidding documents at the office of Sindh Institute of Animal Health, Karachi at Animal Science Complex, Korangi, Karachi.
4. A complete set of bidding documents may be purchased by interested bidders on the submission of a written application on company letterhead along with registration certificates with tax authorities to the above and upon payment of a nonrefundable fee of Rs. 1,000 only.
5. The provisions in the Instructions to Bidders and in the General Conditions of Contract are the provisions of the Sindh Public Procurement Ordinance and its Rules made thereunder which also conform to the requirements of the World Bank *Standard Bidding Documents: Procurement of Goods for National Competitive Bidding, Pakistan*, Part One.
6. Bids must be delivered to the above office on or before **02:00 PM on 08.09.2026** and must be accompanied by a **security deposit of Rs. 3,907,000.**
7. Bids will be opened in the presence of bidders' representatives who choose to attend at **02:30 PM on 08.09.2026** at the committee room of Sindh Institute of Animal Health, Karachi at Animal Science Complex, Korangi, Karachi.
8. The bidders are requested to give their best and final prices as no negotiations are expected.

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.

INTRODUCTION		
ITB 1.1	Name of Department of Government of Sindh	Livestock & Fisheries Department
ITB 1.2	Name of Project	Sindh Institute of Animal Health, Karachi
ITB 1.3	Name of Contract	Procurement of Cost of other store and feed
ITB 1.4	Name of Procuring agency	Sindh Institute of Animal Health, Karachi
ITB 1.5	Procuring agency's address, telephone:	Animal Science Complex, Korangi Karachi Telephone: 0213-5123347
ITB 1.6	Language of the bid	English
BID PRICE AND CURRENCY		
ITB 2.1	Bid Price Currency	The price quoted shall be in PAK Rupees inclusive of all taxes (present & future) duties and charges for packing, supply, marking, handling, installation and transportation etc.
ITB 2.2	Nature of Bid Price	The price shall be fixed
PREPARATION AND SUBMISSION OF BIDS		
ITB 5	Qualification requirements	See annexure Bidders Qualification Criteria
ITB 6	Amount of bid security	Rs. 3,907,000
ITB 7	Manner of bid security	The bid security shall be denominated in the currency of the bid: a) The bid security shall be called in the form of Bank Guarantee/Demand Draft/Pay order issued by a scheduled bank in Pakistan in favour of Sindh Institute of Animal Health and have validity as per SPPRA Rules. b) Bid security shall release to the unsuccessful bidders once the contract has been signed with the successful bidder or the validity period has expired. d) The successful Bidder's bid security shall be discharged upon the Bidder signing the contract, and furnishing the performance security. e) The bid security may be forfeited: a) if a Bidder withdraws its bid during the period of bid validity or b) in the case of a successful Bidder, if the bidder fails: (i) to sign the contract in accordance or

		(ii) to furnish performance security
ITB 8	Bid validity period	90 days and extendable as per SPPRA Rules
ITB 9	Number of copies	Upload at EPADS portal and 01 Original hard copy must be submitted
ITB 11	Address for bid submission	Soft copy on EPADS portal and hard copy submitted at office of the Director General, Sindh Institute of Animal Health at Animal Science Complex, Korangi, Karachi
ITB 12	IFB title and number	Procurement of Cost of other store and feed SIAH/ASC/Costofother/26-27
ITB 13	Deadline for bid submission	08.09.2026 at 02:00 PM
ITB 14	Time, date, and place for bid opening	08.09.2026 at 02:30 PM Committee Room of Sindh Institute of Animal Health at Animal Science Complex, Korangi, Karachi.
BID EVALUATION		
ITB 15	Criteria for bid evaluation	See annexure Bid Evaluation Criteria
ITB 16	Details of evaluation method	Single Stage two envelope procedure
CONTRACT AWARD		
ITB 17	Amount of Performance Security	5% of Contract amount a) The performance security shall be submitted in the form of Bank Guarantee/Demand Draft/Pay order issued by a scheduled bank in Pakistan in favour of Sindh Institute of Animal health Karachi
ITB 18	Percentage for quantity increase or decrease	As per SPPRA Rules

BIDDERS QUALIFICATION CRITERIA

The bidder qualification criteria shall consists of the following:

S. #	BIDDER ELIGIBILITY CRITERIA	Yes	No
MANDATORY REQUIREMENTS: (If the below mentioned listed mandatory documents are short in the bid, the bid will be straightaway rejected and bidder will be disqualified from tender for further processing).			
01.	Complete Company Profile (The profile must be configured according to the criteria of Serial No 1 to 20)		
02.	The written confirmation of authorization to sign on behalf of the Bidder shall consist of: Power of Attorney issued by the competent authority of the Bidder's organization, authorizing the signatory to sign the Bid; and Copy of CNIC of Owners / Proprietors / CEO/ Board Members		
03.	Copy of FBR Registration Certificate bearing National Tax number (NTN) / GST		
04.	Copy of Latest Professional Tax Certificate (Sindh)		
05.	Copy of Active Tax Payer List (latest) for both Income Tax and Sales Tax		
	Copy of Tax Clearance Certificate upto date issued by the tax authorities		
06.	Copy of last three years submitted returns of: i. Income Tax ii. Sales Tax		
07.	The last three years annual turnover / amount of Annual Sales Value required should be at least equal to or above the estimated contract value. (Copy of last three financial years Bank statement and submit details on Form 2)		
08.	Copy of last three financial years Annual Audit Report conducted by International / Global Association of Audit / Chartered Accountancy Firm		
09.	Company / firm Profile and at least minimum ten years of establishment in doing business. Location of shop / office (Complete Address with, Phone, Fax, e-mail, Website address) of the Firm / Bidder. (PA have authority to visit during the process of tender)		
10.	Experience: - The firm has five years consequent supply experience to public sector / government institute in relevant nature of work (submit minimum five purchase orders / work completion certificate/ contract agreement for each year). - Minimum completion of four procurement contracts in same item / assignment in last three years in Sindh Institute of Animal Health Karachi and one contract with same quantity in last year. Chronology of Works/ Job Orders/ Award letters/ Contract Agreement/ Completion certificate and submit details on Form 1). - Submit details of Project in hands.		
11.	In case of manufacturer submit the proof of manufacturer along with details of manufacturing facility, site, trade license and experience (Procuring agency is authorized to conduct the physical inspection to review the authenticity of manufacturing facilities and submitted documents, if deemed necessary).		
12.	In the case of an applicant who does not manufacture the goods, the applicant should provide evidence of being duly authorized by the manufacturer, meeting the criteria under this document to supply the goods. (Submits authority on manufacture letter head must be submitted in original form).		

13.	The quoted items by the bidders must meet the technical specification of tender items as indicated in the Schedule of requirements (provide items Catalogue / Brochures / technical data sheet). Goods shall be evaluated as per the given Catalogue / Brochures / technical data sheet (having complete technical specifications of the offered good).		
14.	Tenders are required to be furnished with earnest money of Rs. 3,907,000 in the form of Bank guarantee/Demand Draft/Pay order from scheduled bank in Pakistan in favour of Sindh Institute of Animal Health, Karachi and have validity as per SPPRA Rules.		
15.	The Bidder should not have been barred / black listed by any of Provincial or Federal Govt. Deptt., Agency, Organization or autonomous body anywhere in Pakistan. (Submission of undertaking on Rs. 100/- legal stamp paper).		
16.	Client & contact details list of minimum 03 Institutes all over Pakistan must be provided by the bidder (proof must be attached with technical bid).		
17.	All items should be brand new and un-used and all proposed items must have manufacturer standard warranty.		
18.	Tender Document and all other related documents submitted by the bidder are duly signed and stamped each page by the bidder. An affidavit to the effect that all documents / particulars / information given with technical proposal are true.		
19.	An affidavit to the effect that the applicant has never indulged in corrupt, fraudulent or collusive practice for procuring contracts. An affidavit to the effect that the firm is not presently involved nor has been in the past in litigation with its employers. Should this be otherwise, the applicant must provide such details.		
20.	Alternate & conditional offer shall not be allowed.		

Note:

- The above mentioned criteria are mandatory for bidder's qualification; those who do not qualify or not fulfilled the above technical criteria the bids will be rejected and financial proposals will be returned unopened.
- Procuring Agency reserve the right to reject any bid if any one of the above-mentioned criteria is not fulfilled. Procuring agency shall disqualify the applicant at any stage, if it finds that the information submitted for qualification was either significantly inaccurate or incomplete. Incomplete or lacking the required information proposal shall not be entertained and shall be liable to rejection.
- Bidders are advised that before filling the bidding document, all the pages of bidding documents should carefully be checked. If any page / paper of bidding document are left unchecked / unsigned / missing / incomplete the bid will be straightaway rejected.
- Rates quoted must be inclusive of all prevalent taxes, providing transportation, fixation and installation charges etc as no negotiation is expected.
- The prospective firm(s) must provide valid evidence against each above criteria, the Procuring agency reserves the right to cross verify or call any information / document if deemed necessary in original, in order to ensure reliability / authenticity of information provided by the bidder.

BID EVALUATION CRITERIA (TECHNICAL)

The Technical Proposal will be evaluated on the basis of the criteria as set out below:

Sr. #.	Description		Maximum Marks
1.	Number of Years of company establishment / Establishment of Year (Company Profile)	01 mark for each year	10
2.	Registration with relevant Government authorities (FBR / DRAP / ISO certificate)	05 marks will be given for valid evidence are provided	05
3.	Methodology and work plan	a. Submit proposed methodology of works, organizational chart, and project schedule. b. Demonstrated capability for similar works in accordance with the Work Performance Statement.	05
4.	Experience with Government Organizations and authorities The firm has five years consequent supply experience to public sector / government institute in relevant nature of work (submit minimum five purchase orders / work completion certificate/ contract agreement for each year).	01 mark will be given for each contract/ supplies completed in last five (05) years having value of PKR 05 Million each contract of similar size, type, nature, complexity. Copies of completion certificates from concerned authorities/ clients are mandatory to be submitted as evidence which may be verified. No marks will be given if no evidence or fake / invalid evidence is provided or less than 02 contracts attached of Rs. 2.5 Million each.	05
5.	Minimum completion of four procurement contracts in same item / assignment in last four years in Sindh Institute of Animal Health Karachi and one contract with same quantity in last year. Chronology of Works/ Job Orders/ Award letters / Contract Agreement / Completion certificate and submit details on Form 1).	05 marks will be given for each contract/ supplies completed in last four (04) years in Sindh Institute of Animal Health Karachi having value of PKR 05 Million each contract of similar size, type, nature, complexity. Copies of completion certificates from concerned authorities are mandatory to be submitted as evidence which may be verified. No marks will be given if no evidence or fake / invalid evidence is provided or	20

		less than 02 contracts attached of Rs. 2.5 Million each.	
6.	Submit details of Project in hands	01 mark for each project of similar nature of work.	05
7.	Last three year submitted returns i. Income Tax ii. Sales Tax (GST)	01 mark will be given for each year of submitted return of Income Tax and GST.	03
8.	Submission of Active Tax payer list (latest) for both income Tax and Sales tax Submission of copy of latest Professional Tax Certificate (Sindh)	Proof being active tax payer and proof of latest Professional Tax Certificate (Sindh) must be submitted	03
9.	The last three years annual turnover / amount of Annual Sales Value required should be at least equal to or above the estimated contract value. (Copy of last three financial years Bank statement and Account Maintenance Certificate and submit details on Form 2). Financial soundness will be evaluated based on substantial responsiveness regarding positive net worth, working capital, operating cashflow, and profitability of the bidder.	• 15 marks will be given if details of bank account (supported by Banks's Letter and Bank statement of last 03 years) are provided with account balance amounting to minimum of Rs. 15 Million to ascertain the cash flow of the bidder. • 10 marks will be given if bank account balance amounting to minimum of Rs. 10 Million (supported by Banks's Letter and Bank statement of last 03 years) are provided. • 5 marks will be given if bank account balance amounting to minimum of Rs.05 Million (supported by Banks's Letter and Bank statement of last 03 years) are provided. • No marks will be given if the • account balance is below the Rs. 5 million or no account detail and relevant documents/evidence are not provided.	15

10.	Copy of last three financial years Annual Audit Report conducted by International / Global Association of Audit / Chartered Accountancy Firm	01 mark for each year	03
11.	Conformity to the purchaser specification/ sample examination, the quoted items by the bidders must meet the technical specification of tender as indicated in the Schedule of requirements.	Provide items Catalogue / Brochures / technical data sheet). Goods shall be evaluated as per the given Catalogue / Brochures / technical data sheet (having complete technical specifications of the offered good.	05
12.	In case of manufacturer submit the proof of manufacturer along with details of manufacturing facility, site, trade license and experience (Procuring agency is authorized to conduct the physical inspection to review the authenticity of manufacturing facilities and submitted documents, if deemed necessary).	In case of manufacturer submit the proof of manufacturer along with details of manufacturing facility.	05
	In the case of an applicant who does not manufacture the goods should provide evidence of being duly authorized by the manufacturer	The applicant should provide evidence of being duly authorized by the manufacturer, meeting the criteria under this document to supply the goods. (Submits authority on manufacture letter head must be submitted in original form).	
13.	Bidder should not have been barred / black listed	The Bidder should not have been barred / black listed by any of Provincial or Federal Govt. Deptt., Agency, Organization or autonomous body anywhere in Pakistan. (Submission of undertaking on Rs. 100/- legal stamp paper).	02
14.	Client & contact details list	Minimum 03 Institutes all over Pakistan must be provided by the bidder (proof must be attached with technical bid).	03

15.	Tender Document and all other related documents submitted by the bidder are duly signed and stamped each page by the bidder.	An affidavit to the effect that all documents / particulars / information given with technical proposal are true	02
16.	An affidavit to the effect that the applicant has never indulged in corrupt, fraudulent or collusive practice for procuring contracts. An affidavit to the effect that the firm is not presently involved nor has been in the past in litigation with its employers. Should this be otherwise, the applicant must provide such details.	Submission of undertaking on Rs. 100/- legal stamp paper	02
17.	Warranty support and local services capability	Technical Support Plan & User Training, approach to on-site training and troubleshooting support. Composition and experience of installation team/ deployment and after sales services. Evidence of local services centers/ certificate from the manufacturer that the after sales services / backup services shall be provided.	04
18.	Delivery Schedule	03 marks will be given if delivery of goods is within one month. 01 marks will be given if delivery of goods is more than one month. No marks if delivery time is more than two months.	03
TOTAL MARKS			100

- i. The firms / bidders are required to submit their Technical and Financial proposals on EPADS Portal and hard copy in one envelope containing Technical information of bid shall be clearly marked "**Technical Bid**" the second envelope containing the Bid Price shall be clearly marked "**Financial Bid**" and should be reach at office of the Director General, Sindh Institute of Animal Health Karachi, Animal Science Complex Korangi, Karachi-74900 before the deadline of tender submission.
- ii. Applications with required documents attached shall be evaluated on the score obtained and firms obtaining 75 marks and above score shall be technically qualified.
- iii. The "**Financial Bid**" of only "**Technically Qualified Firms**" will be opened in presence of their respective representatives at the date and time to be determined and communicated later.

- iv. The firm will be ranked with **80% weightage to technical score and 20% weightage to financial score**. The firm which attains the highest combined weighted technical and financial score according to the criteria set out in this bidding document would be selected for the assignments.
- v. The applications of those firms including their subsidiaries and subcontractor who are blacklisted by any government department or by any of International Donor Agency like IFC, World Bank etc shall be rejected without detailed evaluation. The applicant is required to submit undertaking on judicial paper that he or any of his associate / manufacturer / supplier / subcontractor is not in the list of black listed firms of the above mentioned departments or financing institutions, the undertaking should be duly notarized.
- vi. Any other pertinent information in support to this bidding should also be furnished.
- vii. Procuring agency shall disqualify the applicant at any stage, if it finds that the information submitted for qualification was either significantly inaccurate or incomplete.
- viii. Incomplete or lacking the required information proposal shall not be entertained and shall be liable to rejection.

The Minimum Technical score (St) required to pass is 75 Marks.

The technical score shall have 80% and Financial Bid have 20% weightage for weighted average scores. The Bid obtaining maximum combined score shall be declared as the most advantageous responsive Bid and the firm offering the Best Evaluated Bid shall be declared as the successful Bidder and issued Letter of Acceptance, containing invitation for contract. Any factor having a bearing on the quoted price shall not be subject to negotiations.

- The procuring agency reserves the right to evaluate and compare the bids on itemized basis OR on the basis of a group of similar nature goods OR goods compatible with each other.
- The above merit point system for weighing evaluation factors/criteria will be applied for technical proposals.
- Bidders achieving minimum 75 marks will be considered only for further process. Documentary evidence must be attached in support of each parameter.
- The lowest evaluated Financial Proposal (Fm) will be given the maximum financial score (Sf) of 100 points.
- Proposals will be ranked according to their combined technical (St) and financial (Sf) scores using the weights (T = the weight given to the Technical Proposal; P = the weight given to the Financial Proposal; T + P = 1) and for calculation of combined score $S = St \times T\% + Sf \times P\%$. The firm achieving the highest combined technical and financial score will be declared as most advantageous responsive Bid.
- The Contract will be awarded to the most advantageous responsive firm whose product ranks highest in the Combined Evaluation scoring calculated through the Marks awarded to Technical Proposal and Financial Proposal as stated in this Bidding Documents.

GENERAL CONDITIONS:

- Major features of offered item should meet tender specifications as indicated in schedule of requirements.
- Must be fulfilled the bidders eligibility criteria.
- Bids must be accompanied with Bid Security as required under tender in form of Bank guarantee/Demand Draft/Pay order from scheduled bank in Pakistan in favour of Sindh Institute of Animal Health Karachi and have validity as per SPPRA Rules.
- Alternate or conditional bid cannot be accepted.
- Bid must be submitted on EPADS Portal electronically and hard copy in sealed envelope to the office of the Director general, Sindh Institute of Animal Health Karachi.
- Bids should be submitted in conformity with Rule-46 sub rule (2) of Sindh Public Procurement Rules 2010 (and amended made therein) i.e. **“Procedure of open Competitive Bidding” “Single Stage- Two Envelop.**

DETAILS OF SIMILAR CONTRACTS

[The following table shall be filled in by the bidder]

Applicant Legal Name:

[insert full name]

Contract identification	[insert contract name and number]
Contract Award Date	
Contract Completion Date	
Role in Contract	[insert Importer / Manufacturer / Authorized Agent]
Brief description of contract	
Description of similarity of contract with said bid	
Total contract amount	[Total contract amount in local currency]
If partner in JV/Consortium of subcontractor specify participation In total contract amount	[insert percentage amount of bidder] [insert total amount of contract in local currency]
Procuring Agency name:	
Address of Procuring agency	
Telephone / Fax number	
Email Address	

Sign & Stamp of bidders

AVERAGE ANNUAL TURNOVER / SALES VALUE

[The following table shall be filled in by the bidder]

Applicant Legal Name: _____

[insert full name]

ANNUAL TURNOVER / SALES DATA	
Year	Amount & Currency
[indicate year]	[insert amount and indicate currency]
Average annual turnover*	

* Average annual turnover calculated as total certified payments received for supplies in progress or completed.

Are the amount of Annual Sales Value should be **at least equal to or above** the estimated contract value (Submission of Audited Annual Reports and Bank Statements). Yes ☐ / No ☐

Sign & Stamp of bidders

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: AAP, Livestock

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

GCC 1.1 (i)—The Supplier is:

Sample Provision

GCC 1.1 (j)—The Project Site is: *[if applicable]*

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: **5%** and the firm is required to furnish the Performance Security in form of bank guarantee/Demand Draft/Pay order in favour of Sindh Institute of Animal Health within twenty (20) days after receipt of notification of contract award.

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

4. Inspections and Tests (GCC Clause 8)

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

5. Packing (GCC Clause 9)*Sample provision*

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

6. Delivery and Documents (GCC Clause 10)*Sample provision (DDP terms)*

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

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

7. Insurance (GCC Clause 11)

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

8. Incidental Services (GCC Clause 13)

GCC 13.1—Incidental services to be provided are:

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

9. Spare Parts (GCC Clause 14)

GCC 14.1—Additional spare parts requirements are:

Sample provision

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

10. Warranty (GCC Clause 15)

Sample provision

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

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

or

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

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

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

11. Payment (GCC Clause 16)

Sample provision

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

Payment for Goods supplied:

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

- (i) **Advance Payment:** Ten (10) percent of the Contract Price shall be paid within thirty (30) days of signing of the Contract, and upon submission of claim and a bank guarantee for equivalent amount valid until the Goods are delivered and in the form provided in the bidding documents or another form acceptable to the Procuring agency.
- (ii) **On Shipment:** Eighty (80) percent of the Contract Price of the Goods shipped shall be paid through irrevocable confirmed letter of credit opened in favor of the Supplier in a bank in its country, upon submission of documents specified in GCC Clause 10.
- (iii) **On Acceptance:** Ten (10) percent of the Contract Price of Goods received shall be paid within thirty (30) days of receipt of the Goods upon submission of claim supported by the acceptance certificate issued by the Procuring agency.

Payment of local currency portion shall be made in *PAK RUPEES* 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.

(iv) 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.

(v) 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.

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

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, and the maximum shall not exceed ten (10) percent of the Contract Price.]

14. Resolution of Disputes (GCC Clause 28)

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

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

15. Governing Language (GCC Clause 29)

GCC 29.1—The Governing Language shall be: 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:

—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 / BOQ

DATA SHEET / ASSIGNMENT INFORMATION

Cost of other store and feed

S #	Item Name	Specifications	Qty	U/ Rate	Amount
01	Layer Poultry Feed	50 kg bag	18,000 bags		
02	Broiler Poultry Feed	50 kg bag	10,000 bags		
03	Eggs Shifting Trolley	S.S/Aluminum Eggs Shifting Trolley with proper ragging system	02		
04	Electric Bulb Candler	Electric Bulb Candler	05		
05	Class Room furniture with White board digital and Rostrum	- Class Room furniture with White board digital and Rostrum - Comfort Study Chair with Cushion, manufactured with best material easy sitting solution with strong study arm for write with ease. footrest at bottom easy to sit for longer time period. - Smart Board 65-100 inch with Interactive Display is a cutting-edge solution designed to transform traditional teaching and collaborative environments into dynamic, interactive spaces. 65-inch touchscreen display offers an immersive platform for engaging with digital content, fostering collaboration, and enhancing learning experiences. - Podium wooden with institute logo, polish and suitable for class size	03 Sections		
06	Blinds	Different sizes (4x5' , 4x6' , 5x'4)	10 rooms		
07	Office Room Furniture	Consist of Executive table that is made of later paneling, with sash, executive leather chair with shesham wood and polished with 5 year warranty, same match visitor shar in wood with polish and leather seating, along storage ragging at side with wooden shelve and glass work, with guest Sofa 5 seater with arms as well as with coffee table of shesham and a corner table as well, with same spec PS room furniture as well	10 Nos		
08	Filters for CO2 Incubators	GVS VF50 Type: Poly Terfluorene Disc Filter, Insmark GmbH or equivalent	40 Unit		
09	Furnishing of Waiting Area	Waiting Area furnishing with LED and sofa set Pure leather seating arrangement from wall to wall With 3 Coffee table each with LCD panel and display along curtains, with one table for PS same designed with chairs as well	01 No		

10	Furnishing of Ph. D student room	Furnishing of Ph. D student room, side by side laminated Cubical Boxes with MS frame and Glass on top for doing work on laptop with relaxing revolving imported chairs , in mid need several colourful couches for students curtains for sunlights and laptop stand as well according to room size that is 12x30'	01 No		
11	Shrink Packing Heat Gun	Shrink Packing Heat Gun	03		
12	Eggs Trays	Plastic Trays (Unbreakable Plastic)	500		
13	Bus Bar Box 400 Amp	Heavy duty DC modular terminal blocks, and upward Solid copper bars plated with tin cost more than aluminum or brass blends, but offer superior conductivity and lower heat dissipation Weatherproof, flame-retardant, or IP65-rated insulated ABS/polycarbonate covers	01		
14	Deep Freezer	Double Door Deep Freezer Freezer Gross Capacity Ltr : 545 Gross Capacity (Cubic Ft.): 19.26 Temp Freezer: Min -28 Voltage Range: 105V - 260V Copper Evaporator: 5 sides Warranty: 10 Years Compressor Warranty	02		
15	Power Factor 250 KVR	Power Factor 250 KVR	02		
16	Disposable Pipette 5ml	Disposable Pipette 5ml Material : Colorless Sterility : Sterile Maximum volume : 5 mL Volume range : 0.5 - 5 mL Volume : 5 mL Binding type : non-treated surface	500		
17	Disposable Pipette 10ml	Disposable Pipette 10ml Material : Colorless Sterility : Sterile Maximum volume : 10 mL Volume range : 0.1 - 10 mL Volume : 10 mL Binding type : non-treated surface	500		
18	Disposable Assembly Bottle 1L	Disposable Assembly Bottle 1L Single Use Bottle Assembly, 1000mL, 38-430 VersaCap, PETG, Vented w/ DipTube, 10/cs. Foxx Life Sciences EZbio Single Use Sterile Media Bottles with Tubing and Vent Filters are perfect for fluid transfer and storage. Assemblies are made entirely with USP Class VI components and Gamma Irradiated in the United States. Assemblies take advantage of Foxx patented VersaCap technology which means there is no machining necessary to produce the product. Perfect for single use applications and to phase out costly stainless steel apparatuses that are expensive to clean and validate. Foxx also offers the ability to provide and produce custom components, assemblies, and variations in a timely manner	500		
19	96 Well Plate (flat Bottom)	96 Well Plate (Sterile, Single Packing, Flat Bottom) Clear, Sterile, HTS, for UV analysis, Polypropylene	500		

20	96 Well Plate (V Shape Bottom)	96 Well Plate (V Shape Bottom) Clear, Sterile, HTS, for UV analysis, Polypropylene	1000		
21	Tissue Culture Flasks T225	Tissue Culture Flasks T225 • Made of high clarity, 100% virgin polystyrene. • Sterilized by E-beam, SAL=10-6. • Non-Pyrogenic, DNase/Rnase free. • Frosted writing and clear graduations. • Notched bottom for slip free slip stacking. • Clear lot number for batch traceability. • Packaged in sterile, zip-sealable bags.	200		
22	Tissue Culture Flasks T150	Tissue Culture Flasks T150 • Made of high clarity, 100% virgin polystyrene. • Sterilized by E-beam, SAL=10-6. • Non-Pyrogenic, DNase/Rnase free. • Frosted writing and clear graduations. • Notched bottom for slip free slip stacking. • Clear lot number for batch traceability. • Packaged in sterile, zip-sealable bags.	200		
23	Disposable Filter Assembly 1000ml	Disposable Filter Assembly 1000ml Pore size 0.22 µm, polyethersulfone membrane, funnel capacity 1000 mL	1000		
24	Disposable Filter Assembly 500ml	Disposable Filter Assembly 500ml Pore size 0.22 µm, polyethersulfone membrane, funnel capacity 500 mL	1000		
25	Disposable Filter Assembly 250ml	Disposable Filter Assembly 250ml Pore size 0.22 µm, polyethersulfone membrane, funnel capacity 250 mL	1000		
26	Tips 100ul-200ul	Tips 100ul-200ul • PP material, autoclavable • Sizes include 200µl • Various color optional easy to identify • Sterile	1000		
27	Tips 1000ul	Tips 1000ul • PP material, autoclavable • Sizes include 1000µl • Various color optional easy to identify • Sterile	1000		
28	Tips 10ml	Tips 10ml • PP material, autoclavable • Sizes include 10000µl • Various color optional easy to identify • Sterile	1000		
29	A/C 1.5 Ton	1.5 Ton Heat & Cool Inverter Wall Mount Capacity (Ton) 1.5 Ton Cooling Capacity (BTU) 18000 Refrigerant Hot & cool	17		
30	LED 55"	Screen Size: 55 inches Resolution: 4K UHD (3840 × 2160 pixels) Display Technology: QLED (Quantum Dot) with wide color gamut (approx. 93%–95% DCI-P3) Refresh Rate: Standard 60Hz (with MEMC motion smoothing) or up to 120Hz/144Hz HDR Support: Dolby Vision, HDR10+, HDR10, and HLG	02		
31	Paraffin Roll	Paraffin Roll	02		

32	Juster 100-1000ul	Juster 100-1000ul	100		
33	Juster 10-100ul	Juster 10-100ul	100		
34	Falcon Tubes Centrifuge 50 ml	Falcon Tubes Centrifuge 50 ml	500		
35	Falcon Tubes Centrifuge 15 ml	Falcon Tubes Centrifuge 15 ml	500		
36	Eppendorf 1 ml	Eppendorf 1 ml	05		
37	Eppendorf 1.5 ml	Eppendorf 1.5 ml	04		
38	Microscope Slide	Microscope Slide	10		
39	Micropipette 10ml adjustable	Micropipette 10ml adjustable	02		
40	UPS 01 KVA	UPS 01 KVA Input Voltage 480/220V Input Frequency 220V 60 Hz +/- 10% Output Voltage 220V Output Frequency 60Hz +/- 10% Certifications/safety Seismic Certified, GE EcoMagination Certified GE standards	02		
41	Street Light Pole	Street Light Pole Pole Height: 8 to 12 meter. Pole Thickness: 2 to 5.4 mm. Foundation Plate Size: 200/200 to 400/400. Material made of corrosion resistant metal such as aluminum.	50		
42	Street light bulb	Waterproof Ratio = ip65 Warrenty = 1 year warrenty Watt = 50watt Lumens = 100 l/w 5000 lumens 0.9 pf Material = Aluminium Colour = White6500k / Warm White 3000k Volatge = 85-220v 50-60hZ Purpose = use for outdoor street lighting	50		
43	Parking Shed	Providing fabrication and installation of car parking shed .(tensile fabric) 12' - 00" wide and 50' - 00" long (Each bay having capacity of 05 vehicles) 06 main posts of 6" dia of 10 gauge and comprising of high tenacity polyester base cloth 650 grams per sq mtr (imported Malaysian make or equivalent of approved shade / colour fixed in aluminum PVC strips of approved design on iron frame structure consisting of M.S pipe 3 -1/2" dia (10 gauge) pipe for main structure and 3" dia M.S pipe (10 gauge) 13' - 00" height for back side support / pipe welded with base plate 1'- 6" x 1'- 6" x 5/8" thick and side support / stiffeners of M.S plate 1/4" thick including anchor "J" bolts 5/8" dia 2' - 0" long in all respect as per drawing including the coct of painting two coats with enamel paint of approved make and shade and two priming coats with antirust paint etc. Complete in all respect as per direction of the PA.	02		

44	Cell Culture Flask 25cm	rectangular canted neck cell culture flask w/ Vent Cap, PS, sterile, 25/cs Nest/ Equivalent	2000		
45	Cell Culture Flask 75cm	rectangular canted neck cell culture flask w/ Vent Cap, PS, sterile, 100/cs Nest/ Equivalent	1000		
46	Cell Culture Flask 150cm	rectangular canted neck cell culture flask w/ Vent Cap, PS, sterile, 50/cs Nest/ Equivalent	2000		
47	Shed for HVAC	Shed for HVAC SS with fitting and installation	10		
48	Surveillance and Monitoring system	Up to 64 channel IP cameras can be connected Up to 12 MP high-definition live view, storage and playback Up to 320 Mbps (or 200 Mbps when RAID is enabled) high incoming bandwidth ensures IP cameras can be connected 2 HDMI (different source) and 2 VGA (different source) interfaces 8 HDD can be used for continuous video recording Supports some specialist cameras, including people counting camera/ANPR (automatic number plate recognition) camera/fisheye camera Advanced streaming technology enables smooth live view in poor network conditions Supports RAID 0, 1, 5, 6, 10 and N+1 hot spare for even more reliable data storage, effectively avoids data loss risks High quality imaging with 8 MP resolution in channel 1 and 4 MP resolution in channel 2 v Adopt dual-channel design so you can get details in channel 1 and panorama view in channel 2 Excellent low-light performance via DarkFighter and ColorVu technology Clear imaging against strong back light due to 140 dB WDR technology Efficient H.265+ compression technology to save bandwidth and storage v 5 streams to meet a wide variety of applications v Water and dust resistant (IP67) and vandal proof (IK10) 42U RACK cabinet, floor standing 12 Cores Imported CLT Aerial Fiber 8 Port Gigabit Unmanaged POE Switch Layer 2 network switch designed for video data transmission 8 x 10/100/1000 Mbps ethernet port, 1 x 10/100/1000 Mbps uplink ethernet port and 1 x 10/100/1000 Mbps uplink SFP port IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, and IEEE 802.3z network standards available	03 set		
49	Access control unit	Waterproof 4.3" touch screen TCP/IP web based and 13.56MHz door access control system, Identification: Face / Finger print / Card / PIN with installation	10		
50	Rubber Stopper 13mm	Size 13mm Butyl Rubber with cut	800,000		
51	Rubber Stopper 20mm	Size 20mm Butyl Rubber with cut	900,000		
52	Rubber Stopper 32mm	Size 32mm Butyl Rubber with cut	35,000		
53	Cylinders	Different Volumes (100ml, 250ml, 500ml)	10 each		

54	Disposable syringes	Disposable Sterile Medical Syringe slip tip, polypropylene body and plunger (Latex-free rubber tip) size 1 cc	10 Box		
55	Disposable syringes	Disposable Sterile Medical Syringe slip tip, polypropylene body and plunger (Latex-free rubber tip) size 3 cc	10 Box		
56	Disposable syringes	Disposable Sterile Medical Syringe slip tip, polypropylene body and plunger (Latex-free rubber tip) size 5 cc	10 Box		
57	Disposable syringes	Disposable Sterile Medical Syringe slip tip, polypropylene body and plunger (Latex-free rubber tip) size 10 cc	10 Box		
58	Gas R-22	Gas R-22 AC, Chiller Honey wall America or equivalent	30 cylinder		
59	Gas R-32	Gas R-32 AC, Chiller Honey wall America or equivalent	05 cylinder		
60	Gas R-134	Gas R-134 freezer Honey wall America or equivalent	15 cylinder		
61	Gas R-404	Gas R-404 Honey wall America or equivalent	05 cylinder		
62	Gas R-410	Gas R-410 Honey wall America or equivalent	40 cylinder		
63	Gas R-600	Gas R-600 Honey wall America or equivalent	05 cylinder		
64	Copper Rod	Copper Rod USA	03 packs		
65	Cable 10 mm	Cable 10 mm 4 core copper	100 feet		
66	Change over	Change over 400 Ampere	05		
67	Breaker	Breaker Chint 63 Ampere	20		
68	Breaker 3 phase	Breaker 3 phase with box 200 Ampere	05		
69	Bulb 12W	Bulb 12W	100		
70	Bulb 100W	Bulb 100W	500		
71	Bulb 200W	Bulb 200W	500		
72	Light Plug Box	Light Plug Box	100		
73	Power Plug Box	Power Plug Box	100		
74	Two pin top	Two pin top	100		
75	Three pin top	Three pin top	100		
76	Extension Board	Extension Board 50 Amp	10		
77	Ladder 10 ft	(Aluminum, foldable) 10 ft	1		
78	Ladder 8 ft	(Aluminum, foldable) 08 ft	1		
79	Holder Brass	Holder Brass	300		
80	Heaters	Heaters (4,500 Watt)	12		
81	Contactor (40amp)	Contactor NXC-40 Amp	20		
82	Contactor (32amp)	Contactor NXC-32 Amp (220 V-50/60 hz)	20		
83	Contractor (65amp)	Contractor (CHINT) NXC-65, 65 Amp	25		
84	Breakers 32 Amp	Breakers double pole (Chint) 32 Amp	50		
85	Breakers 63 Amp	Breakers double pole (Chint) 63 Amp	50		
86	Breaker 10 Amp	Breaker single pole (Chint) 10 Amp	50		
87	Breaker 16 Amp	Breaker single pole (Chint) 16 Amp	50		
88	Breaker 3 phase 100 amp	Breaker 3 phase with box 100 Amp	5		
89	Breaker 3 phase 400 amp	Breaker 3 phase with box 400 Amp	5		
90	Power Plug	Power Plug	50		
91	Light Plug	Light Plug	50		
92	Electric Tape	Electric Tape	300		
93	Electric Wire 7/36	Electric Wire 7/36	10 coil		
94	Electric Wire 7/29	Electric Wire 7/29	10 coil		
95	Electric Wire 3/29	Electric Wire 3/29	10 coil		
96	Electric Wire 7/44	Electric Wire 7/44	10 coil		
97	Safety Breaker 15 Amp	Safety Breaker 15 Amp	20		
98	Safety Breaker 20 Amp	Safety Breaker 20 Amp	20		
99	Piano Switch	Piano Switch	50		
100	Piano Button	Piano Button	50		

101	Capacitor	50UF running capacitor	100		
102	Compressor 1/3 rd	Compressor (DENFOOS) 1/3 rd	5		
103	Compressor 1/4 th	Compressor (DENFOOS) 1/4 th	15		
104	Compressor 1/5 th	Compressor (DENFOOS) 1/5 th	5		
105	S.SR 25DA	S.SR 25DA - relay Input 3-32V DC Output 24-380V AC	40		
106	Temperature Controller	Temperature Controller 989 (puma)	25		
107	Selector	Selector 1/4th 3 phase	20		
108	Wire 110/76	Wire 110/76 3 core	1 Coil		
109	Tiffon Tape	Tiffon Tape	150		
110	LED Tube Light	LED Tube Light (18W)	100		
111	Steel Nails 1"	Steel Nails 1"	5 Packs		
112	Steel Nails 1.5"	Steel Nails 1.5"	5 Packs		
113	Steel Nails 2"	Steel Nails 2"	5 Packs		
114	Drill Machine LT	Drill Machine LT	03		
115	Blower	Blower	03		
116	Velding Torch	Velding Torch	04		
117	Cylinder	Cylinder Oxygen/LPG (complete set)	02		
118	Aeroflex	Aeroflex 3/8	100		
119	Dama Tape	Dama Tape	50		
120	Ribbon Tape	Ribbon Tape	50		
121	Elbow ½	Elbow ½	3 Dozen		
122	Elbow ¾	Elbow ¾	3 Dozen		
123	Elbow 1"	Elbow 1"	3 Dozen		
124	Tee ½	Tee ½	3 Dozen		
125	Tee ¾	Tee ¾	3 Dozen		
126	Tee 1"	Tee 1"	3 Dozen		
127	Socket ½	Socket ½	3 Dozen		
128	Socket ¾	Socket ¾	3 Dozen		
129	Socket 1"	Socket 1"	3 Dozen		
130	Union 1"	Union 1"	4 Dozen		
131	Union 1/2"	Union 1/2"	4 Dozen		
132	Union 3/4"	Union 3/4"	4 Dozen		
133	Pvc Solution White	Pvc Solution White	2 Dozen		
134	Cut Screw #6 1"	Cut Screw #6 1"	4 Pack		
135	Cut Screw 2 1/2"	Cut Screw 2 1/2"	4 Pack		
136	12 Pair Cable	12 Pair Cable	4 Coil		
137	Internet Ethernet cables	Internet Ethernet cables	8 coils		
138	Wifi Router	Standard: Wi-Fi 6 (802.11ax) Speed: AX1500 to AX6000+ (speeds exceeding 1.5 Gbps to 6 Gbps dual/tri-band) Features: OFDMA, Target Wake Time (TWT), full Gigabit/2.5G ports, WPA3 security Coverage: Medium to large multi room with heavy device density	05		
139	Stool (Iron)	Stool (Iron) size 4 x4	01		
140	4 Cone Casle 95mm	4 Cone Casle 95mm	100 ft		
141	Pin valve	AC & refrigeration	02 packet		
142	Pvc pipe	Pvc Pipe 1",1.5",3/4"	30 length		
143	Rotor Pump	Rotor pump for shifting of water Size 1',size ¾'	05		
144	Temperature probe & monitoring device	Temperature probe & monitoring device	02		
145	Fire extinguisher	6 Kg powder fire extinguisher, temperature range from - 30°C to +60°C, manufactured in accordance to EN 3-7:2008, certified PED 2014/68/EU.	20		
146	Welding torch	Welding torch	01		

147	Screw Driver Set	Screw Driver Set with different type and sizes	02 set		
148	Line gauge set	Line gauge set	02		
149	Karcher gun	Gun for cleaning AHU Unit ,split AC Condenser wash	02		
150	Ampere Meter	Ampere Meter unit AC + DC	02		
151	Lux Set Machine	Lux Set Machine Hydraulic	01		
152	Air compressor	Air compressor for lypholizer machine and sealing machine	02		
153	Wire 3/29	Wire 3/29 million brand copper	05 coil		
154	Wire 7/36	Wire 7/36 million brand	05 coil		
155	Wire 7/29	Wire 7/29+ million brand	10 coil		
156	Wire 7/64	Wire 7/64 million brand	10 coil		
157	Wire 7/44	Wire 7/44 million brand	10 coil		
158	Blower	Blower	02		
159	Pvc socket	Socket ¾", 1", 1.5"	02		
160	LN Key Set	LN Key Set (different sizes)	02		
161	Copper pipe	Copper pipe 3/8", 5/8",	50 feet		
162	Spray Pump	Spray Pump (Plastic)	15 Nos.		
163	Automatic drinkers	Automatic drinkers for poultry birds	100 Nos		
164	Shed for Generator	Roof mounted shed for 325KVA generator, as per actual size	01		
165	Fire safety & security system for building	All evacuation horns to sound and lamps to flash in a synchronized fashion. Indicate the zone in alarm on the control panel. Indicate the zone in alarm on the remote annunciator Automatically release all magnetically held doors. The operated device is returned to normal and the control panel is manually reset except that the alarms may be silenced or acknowledged in accordance with RI State code. An alarm may be silenced by a switch on the zone card in the control panel. When silenced, this shall not prevent the resounding of subsequent alarms if another zone should alarm. When alarms are silenced the zone indicating red LED's on the control panel and the remote annunciator shall remain on until the operated device is returned to normal and the control panel is manually reset. A green pilot LED shall normally be on, indicating that the system is receiving normal 120 VAC powers. A failure of normal power shall cause the LED to extinguish, sound a trouble condition, and the panel to transfer to battery. FIRE ALARM CONTROL PANEL solid state, microprocessor based electronics. It shall display only those primary controls and displays essential operation during a fire alarm condition. Keyboards or keypads shall not be required to operate the system during fire alarm conditions. A local audible device shall sound during Alarm, Trouble or supervisory conditions. This audible device shall sound differently during each condition to distinguish one condition from another without having to view the panel.	03		

		The following primary controls shall be available within the primary panel and remote annunciator. Forty character liquid crystal display, minimum. Individual red system alarm LED Individual yellow supervisory service LED Individual yellow trouble LED Green "power on" Led Alarm Acknowledge key Supervisory Acknowledge key Trouble Acknowledge key Alarm Silence key System Reset key Alarm and trouble LED's shall be provided for all corresponding zones HOA Switches for all smoke control Units controlled Setting of time and date LED testing Alarm, trouble, and abnormal condition listing Enabling and disabling of each monitor point separately Activation and deactivation of each control point separately Changing operator access levels Walk Test enable device bypass of each device point separately Displaying software revision level Displaying historical logs Installation and cabling			
166	Grandstream audio conference phone	Grandstream audio conference phone with bluthooth supported Smart IP CAM voice tracking PTZ conference camera	01		
167	Water Tank 1200 gallon	Water Tanker 1200 gallon single axle tank sheet guage 10 swg main chassis frame 8" x 3" with 4 tures with release valve, shower PTO driven water suction pump Rotary slasher 5 ft tractor PTO driven	01		
168	SMD display for Auditorium	SMD display 10' x 20' (hwx) Include power supply, cables, control system iron case display, MD screen assembling, configuration LED type SMD 2020 module reolation 80*40 dots Pixel density 62,500 dots/m2 brightness >600 cd/m2 damage protective layer, color temperature adjustable Complete fixation, installation, testing and validation	01		
169	Interactive flat panel board	Interactive flat panel 75" Android 14 octa core, 8GB RAM 128Gb hard disk Plam protection feature 48 maga pixel built in camera 8 array micro phone Res 3840 x 2160 A Ratio 16:9 Light sensor	02		

170	PABX Phone System	PABX Phone System with complete installation and configuration Support Up to 8 Lines & 24 Extensions CLI Card Support Built-In Inverter OGM Card Support Built-In Power Supply Music On Hold Call Forwarding, Call Waiting	01 set		
171	Gel Imaging System	Gel Imaging System Camera Camera type 250D, 24 MPixel (Resolution: 6000×4000), APS-C Sensor DIGIC 8 Processor, WiFi enabled Image Sensor APS-C sized CMOS Sensor Resolution/ Image Size 6000 x 4000 pixel (24 MPixel) Bit Output 8-bit Format Aperture F/4-5.6 Lens 18-55 mm zoom Lens, manual Exposure time 0.00025 to 30 seconds Filter FastGene Amber Filter for the lens Control Software Control Software NIPPON Genetics Camera Studio v1.0, WINDOWS 10 Saved Image Format TIFF, JPEG Image storage Host computer dependent Interface Host computer dependent. Hood Power unit Power supply for transilluminator and camera Access Front door, 180°opened Filter FastGene Amber Filter Shield Illuminator 1) Built-in Blue-Green light source 470-520 nm View Area 26 x 21 cm 2) White LED Transilluminator View Area 22 x 16 cm Unit Material Painted aluminum metal Rated Voltage 100-240 V~, 50/60 Hz, A	01		

		Dimension (H x L x W) 57 x 35 x 32.5 cm Weight 14 kg			
172	Rapid Microbiology Next Generation system	Rapid Microbiology Next Generation system 01 to 1024 samples can be tested simultaneously, and up to 32 instruments can be connected to a single PC. Computer with pre-installed Fusion Software 24 in Samsung Monitor 8-Port Switch to allow additional instruments in the future and allow network connectivity VR-300 - Specially designed vial rack to hold 32 vials and the supplements 4 Temperature Probes and Thermometer Onsite Training and Installation Brand Soleris® or Equivalent Platform Rapid Microbiology Capacity 64 vials Storage Conditions Room temperature Software Requirements Fusion Software or Equivalent Connectivity Ethernet Power Requirement 110/220V Technology Principle Optical detection of pH / biochemical changes in ready-to-use culture media vials - growth-based microbial testing Detection Category Microbiological / growth-based (indicator, spoilage, and quality organisms) Number of Assays / Organisms 12 assay/vial types covering TVC, yeast & mould, coliforms, E. coli, Enterobacteriaceae, Alicyclobacillus, Gram negative, Staphylococcus, Pseudomonas, Orange Serum Broth organisms, Salmonella spp., lactic acid bacteria Poultry Sample Types Processing water, carcass rinses, environmental swabs, finished product samples for indicator organism monitoring Time to Result As little as 14-18 hours for Enterobacteriaceae; 18-24 hours for E. coli and coliforms; 22-24 hours for TVC; 48 hours for yeast & mould and Alicyclobacillus Role in Poultry Program Routine process hygiene and indicator organism monitoring across the processing line, from raw material intake to finished product release Workflow Inoculate ready-to-use vial with up to 5 mL of sample, load into instrument, real-time optical monitoring of results every 6 minutes Detection Limit Detection speed is concentration-dependent - higher organism counts are detected faster			
173	Molecular Detection System (MDS)	Molecular Detection System (MDS) combines three essential components: Loop-mediated isothermal amplification (LAMP)-based detection assays, a Molecular Detection Instrument, and intuitive software to create a seamless workflow from sample to result. Instrument Specifications Electrical Specifications Voltage 24 V Current 2.5 A Power Supply Input Voltage 100–240 V Frequency 50/60 Hz Maximum Input Current 1.5 A Output Voltage 24 V Output Current 2.5 A			

		Environmental Operating Conditions Altitude Max 2000 m Operating Temperature 15°C–35°C Storage Temperature -10°C–60°C Relative Humidity 30–80% non-condensing Pollution Degree 2 Technology Principle Isothermal DNA amplification (LAMP) with bioluminescence detection - molecular pathogen detection Detection Category Molecular / genetic (pathogen-specific, presence/absence and one quantitative assay) Number of Assays / Organisms 11 MDA2 assay kits covering 9 organism targets (Salmonella spp., Salmonella Enteritidis/Typhimurium, Listeria spp., Listeria monocytogenes, E. coli O157/H7, Cronobacter, Campylobacter, STEC stx, STEC stx+eae) Poultry Sample Types Carcass rinses, boot socks/environmental drag swabs from live production, raw ground poultry, poultry parts, processing environment surfaces Time to Result Presumptive results visible as early as 15 minutes into the run; single post-enrichment protocol runs in about 60 minutes of instrument time; qualitative result available same day or next day Throughput Up to 96 samples per run per instrument; up to 8 different pathogen assays run simultaneously in one run; up to 384 samples by linking 4 instruments to one computer Detection Limit Detects 1-5 CFU of target pathogen per original sample Organism(s) Detected Salmonella spp. Salmonella Enteritidis, Salmonella Typhimurium Salmonella spp. (quantitative, poultry rinses & raw ground poultry)			
174	Garden structure and foundation	Establish a garden with seating area, plsnts, grass, animal statues, core structural items, furniture, and focal point decor. Combine plants, hardscapes, and lighting to make the space feel complete and welcoming. Structural and Foundation Items Paving stones or gravel Garden soil and mulch Border edging separate the walkway from the grass or flower beds. Seating Area Furniture weather resistant bench and chairs Statue and Decor Horse or animal statue: stone, bronze, or cast iron for outdoor durability. Plinth or base: Elevate the statue so it stands out above the surrounding plants. Decorative rocks or boulders Plants and Greenery Evergreen shrubs: Frame the seating area Perennial flowers: Add seasonal color flowers plants Lighting and Ambiance path lights String lights or lanterns	01		
175	Antiscalants	Antiscalants for RO plant Form: Clear to light-yellow liquid pH (Neat): 2.5 – 4.5 Specific Gravity: 1.04 – 1.12 (at 20°C) Solubility: Completely miscible in water	500 liter		

		Freezing Point: ~ 0°C Dosage Rate: 2.0 to 5.0 ppm active product (varies based on feed water analysis and LSI index) Scale Inhibition: Controls CaCO ₃ (up to LSI +2.5), CaSO ₄ , BaSO ₄ , SrSO ₄ , and colloidal/reactive silica Safe and compatible with all major polyamide and thin-film composite RO membrane			
176	Filter Water Cartridge	Filter Water Filter Cartridge Aqua Line Filter Media: High-performance pleated polypropylene Diameter: 6.5 in to 6.75 in (approx. 165–171 mm) Length Options: Up to 60 inches (e.g., 60-inch nominal configurations) Micron Ratings: Absolute and nominal ratings available, commonly 0.2, 0.5, 1, 5, 10, 20, up to 100 microns Flow Configuration: Outside-to-inside flow direction Seal Material: Proprietary o-rings including Buna-N, EPDM, or Viton	500 Liter		
177	RO Plant Chemical	RO Plant Chemical	36 bottles		
178	PCR Purification Kit	PCR Purification Kit 15x100 Reaction	15x100		
179	Milk Antibiotic Rapid Test Kit	Milk Antibiotic Rapid Test Kit	2		
180	Fast Gene Scriptase cDNA Kit	Fast Gene Scriptase cDNA Kit 3x100 Reaction	3x100		
181	One-Step RT-PCR Kit	One-Step RT-PCR Kit	5		
182	Air cutter	6 feet with auto senser, turn on bases imported	02		
183	Driver free 4K UHD Wireless presentation System	Driver free 4K UHD Wireless presentation System Instant plug & play wireless presentation without any driver or network setup	02		
184	Digital conference microphone system	Digital conference microphone system Audio & Transducer Performance Capsule Type: Uni-directional electret condenser or capacitive Frequency Response: 30 Hz – 20,000 Hz (optimized for human speech) Signal-to-Noise Ratio (SNR): > 71 dB to 95 dB Sensitivity: -44 dB to -47 dB (±2 dB) Control Unit & System Capacity Standard Capacity: Supports 60 to 127 active delegate/chairman units per host controller (expandable up to 254–1,000+ units via extension power units) Operation Modes: FIFO (First-In, First-Out), LIMIT (1-9 active mics), Free Mode, and Chairman Override Powering: Central unit provides 24V DC to individual desktop microphone bases Connectivity & Integration Wired Interfaces: RJ45 / Cat5e/Cat6 Ethernet or 8-pin DIN loop cables OR UHF digital spectrum (500–900 MHz) or secure 2.4 GHz/Infrared (IR) transmission to prevent RF mobile interference	02 sets		

Terms & Conditions

- ✓ All the rates should be quoted as per unit price inclusive of all taxes, handling and transportation charges.
- ✓ Rates should be quoted both in figure and words.
- ✓ The order will be placed according to the availability of budgetary provision.
- ✓ Catalogue of specifications of item should be provided with tender documents (hard & soft copy)
- ✓ Samples of the quoted items will be provided (on demand).

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.

Technical Specifications
DATA SHEET / ASSIGNMENT INFORMATION
Cost of other store and feed

Item Name	Specifications	Qty
Layer Poultry Feed	50 kg bag	18,000 bags
Broiler Poultry Feed	50 kg bag	10,000 bags
Eggs Shifting Trolley	S.S/Aluminum Eggs Shifting Trolley with proper ragging system	02
Electric Bulb Candler	Electric Bulb Candler	05
Class Room furniture with White board digital and Rostrum	- Class Room furniture with White board digital and Rostrum - Comfort Study Chair with Cushion, manufactured with best material easy sitting solution with strong study arm for write with ease. footrest at bottom easy to sit for longer time period. - Smart Board 65-100 inch with Interactive Display is a cutting-edge solution designed to transform traditional teaching and collaborative environments into dynamic, interactive spaces. 65-inch touchscreen display offers an immersive platform for engaging with digital content, fostering collaboration, and enhancing learning experiences. - Podium wooden with institute logo, polish and suitable for class size	03 Sections
Blinds	Different sizes (4x5' , 4x6' , 5x'4)	10 rooms
Office Room Furniture	Consist of Executive table that is made of later paneling, with sash, executive leather chair with shesham wood and polished with 5 year warranty, same match visitor shar in wood with polish and leather seating, along storage ragging at side with wooden shelve and glass work, with guest Sofa 5 seater with arms as well as with coffee table of shesham and a corner table as well, with same spec PS room furniture as well	10 Nos
Filters for CO2 Incubators	GVS VF50 Type: Poly Terfluorene Disc Filter, Insmark Gmbh or equivalent	40 Unit
Furnishing of Waiting Area	Waiting Area furnishing with LED and sofa set Pure leather seating arrangement from wall to wall With 3 Coffee table each with LCD panel and display along curtains, with one table for PS same designed with chairs as well	01 No
Furnishing of Ph. D student room	Furnishing of Ph. D student room, side by side laminated Cubical Boxes with MS frame and Glass on top for doing work on laptop with relaxing revolving imported chairs , in mid need several colourful couches for students curtains for sunlights and laptop stand as well according to room size that is 12x30'	01 No
Shrink Packing Heat Gun	Shrink Packing Heat Gun	03
Eggs Trays	Plastic Trays (Unbreakable Plastic)	500
Bus Bar Box 400 Amp	Heavy duty DC modular terminal blocks, and upward	01

	Solid copper bars plated with tin cost more than aluminum or brass blends, but offer superior conductivity and lower heat dissipation Weatherproof, flame-retardant, or IP65-rated insulated ABS/polycarbonate covers	
Deep Freezer	Double Door Deep Freezer Freezer Gross Capacity Ltr : 545 Gross Capacity (Cubic Ft.): 19.26 Temp Freezer: Min -28 Voltage Range: 105V - 260V Copper Evaporator: 5 sides Warranty: 10 Years Compressor Warranty	02
Power Factor 250 KVR	Power Factor 250 KVR	02
Disposable Pipette 5ml	Disposable Pipette 5ml Material : Colorless Sterility : Sterile Maximum volume : 5 mL Volume range : 0.5 - 5 mL Volume : 5 mL Binding type : non-treated surface	500
Disposable Pipette 10ml	Disposable Pipette 10ml Material : Colorless Sterility : Sterile Maximum volume : 10 mL Volume range : 0.1 - 10 mL Volume : 10 mL Binding type : non-treated surface	500
Disposable Assembly Bottle 1L	Disposable Assembly Bottle 1L Single Use Bottle Assembly, 1000mL, 38-430 VersaCap, PETG, Vented w/ DipTube, 10/cs. Foxx Life Sciences EZbio Single Use Sterile Media Bottles with Tubing and Vent Filters are perfect for fluid transfer and storage. Assemblies are made entirely with USP Class VI components and Gamma Irradiated in the United States. Assemblies take advantage of Foxx patented VersaCap technology which means there is no machining necessary to produce the product. Perfect for single use applications and to phase out costly stainless steel apparatuses that are expensive to clean and validate. Foxx also offers the ability to provide and produce custom components, assemblies, and variations in a timely manner	500
96 Well Plate (flat Bottom)	96 Well Plate (Sterile, Single Packing, Flat Bottom) Clear, Sterile, HTS, for UV analysis, Polypropylene	500
96 Well Plate (V Shape Bottom)	96 Well Plate (V Shape Bottom) Clear, Sterile, HTS, for UV analysis, Polypropylene	1000
Tissue Culture Flasks T225	Tissue Culture Flasks T225 • Made of high clarity, 100% virgin polystyrene. • Sterilized by E-beam, SAL=10-6. • Non-Pyrogenic, DNase/Rnase free. • Frosted writing and clear graduations. • Notched bottom for slip free slip stacking. • Clear lot number for batch traceability. • Packaged in sterile, zip-sealable bags.	200
Tissue Culture Flasks T150	Tissue Culture Flasks T150 • Made of high clarity, 100% virgin polystyrene. • Sterilized by E-beam, SAL=10-6. • Non-Pyrogenic, DNase/Rnase free. • Frosted writing and clear graduations. • Notched bottom for slip free slip stacking. • Clear lot number for batch traceability.	200

	• Packaged in sterile, zip-sealable bags.	
Disposable Filter Assembly 1000ml	Disposable Filter Assembly 1000ml Pore size 0.22 µm, polyethersulfone membrane, funnel capacity 1000 mL	1000
Disposable Filter Assembly 500ml	Disposable Filter Assembly 500ml Pore size 0.22 µm, polyethersulfone membrane, funnel capacity 500 mL	1000
Disposable Filter Assembly 250ml	Disposable Filter Assembly 250ml Pore size 0.22 µm, polyethersulfone membrane, funnel capacity 250 mL	1000
Tips 100ul-200ul	Tips 100ul-200ul • PP material, autoclavable • Sizes include 200µl • Various color optional easy to identify • Sterile	1000
Tips 1000ul	Tips 1000ul • PP material, autoclavable • Sizes include 1000µl • Various color optional easy to identify • Sterile	1000
Tips 10ml	Tips 10ml • PP material, autoclavable • Sizes include 10000µl • Various color optional easy to identify • Sterile	1000
A/C 1.5 Ton	1.5 Ton Heat & Cool Inverter Wall Mount Capacity (Ton) 1.5 Ton Cooling Capacity (BTU) 18000 Refrigerant Hot & cool	17
LED 55"	Screen Size: 55 inches Resolution: 4K UHD (3840 × 2160 pixels) Display Technology: QLED (Quantum Dot) with wide color gamut (approx. 93%–95% DCI-P3) Refresh Rate: Standard 60Hz (with MEMC motion smoothing) or up to 120Hz/144Hz HDR Support: Dolby Vision, HDR10+, HDR10, and HLG	02
Paraffin Roll	Paraffin Roll	02
Juster 100-1000ul	Juster 100-1000ul	100
Juster 10-100ul	Juster 10-100ul	100
Falcon Tubes Centrifuge 50 ml	Falcon Tubes Centrifuge 50 ml	500
Falcon Tubes Centrifuge 15 ml	Falcon Tubes Centrifuge 15 ml	500
Eppendorf 1 ml	Eppendorf 1 ml	05
Eppendorf 1.5 ml	Eppendorf 1.5 ml	04
Microscope Slide	Microscope Slide	10

Micropipette 10ml adjustable	Micropipette 10ml adjustable	02
UPS 01 KVA	UPS 01 KVA Input Voltage 480/220V Input Frequency 220V 60 Hz +/- 10% Output Voltage 220V Output Frequency 60Hz +/- 10% Certifications/safety Seismic Certified, GE EcoMagination Certified GE standards	02
Street Light Pole	Street Light Pole Pole Height: 8 to 12 meter. Pole Thickness: 2 to 5.4 mm. Foundation Plate Size: 200/200 to 400/400. Material made of corrosion resistant metal such as aluminum.	50
Street light bulb	Waterproof Ratio = ip65 Warrenty = 1 year warrenty Watt = 50watt Lumens = 100 l/w 5000 lumens 0.9 pf Material = Aluminium Colour = White6500k / Warm White 3000k Volatge = 85-220v 50-60hZ Purpose = use for outdoor street lighting	50
Parking Shed	Providing fabrication and installation of car parking shed .(tensile fabric) 12' - 00" wide and 50' - 00" long (Each bay having capacity of 05 vehicles) 06 main posts of 6" dia of 10 gauge and comprising of high tenacity polyester base cloth 650 grams per sq mtr (imported Malaysian make or equivalent of approved shade / colour fixed in aluminum PVC strips of approved design on iron frame structure consisting of M.S pipe 3 -1/2" dia (10 gauge) pipe for main structure and 3" dia M.S pipe (10 gauge) 13' - 00" height for back side support / pipe welded with base plate 1'- 6" x 1'- 6" x 5/8" thick and side support / stiffeners of M.S plate 1/4" thick including anchor "J" bolts 5/8" dia 2' - 0" long in all respect as per drawing including the coct of painting two coats with enamel paint of approved make and shade and two priming coats with antirust paint etc. Complete in all respect as per direction of the PA.	02
Cell Culture Flask 25cm	rectangular canted neck cell culture flask w/ Vent Cap, PS, sterile, 25/cs Nest/ Equivalent	2000
Cell Culture Flask 75cm	rectangular canted neck cell culture flask w/ Vent Cap, PS, sterile, 100/cs Nest/ Equivalent	1000
Cell Culture Flask 150cm	rectangular canted neck cell culture flask w/ Vent Cap, PS, sterile, 50/cs Nest/ Equivalent	2000
Shed for HVAC	Shed for HVAC SS with fitting and installation	10
Surveillance and Monitoring system	Up to 64 channel IP cameras can be connected Up to 12 MP high-definition live view, storage and playback Up to 320 Mbps (or 200 Mbps when RAID is enabled) high incoming bandwidth ensures IP cameras can be connected 2 HDMI (different source) and 2 VGA (different source) interfaces 8 HDD can be used for continuous video recording Supports some specialist cameras, including people counting camera/ANPR (automatic number plate recognition) camera/fisheye camera Advanced streaming technology enables smooth live view in poor network conditions Supports RAID 0, 1, 5, 6, 10 and N+1 hot spare for even more reliable data storage, effectively avoids data loss risks	03 set

	High quality imaging with 8 MP resolution in channel 1 and 4 MP resolution in channel 2 v Adopt dual-channel design so you can get details in channel 1 and panorama view in channel 2 Excellent low-light performance via DarkFighter and ColorVu technology Clear imaging against strong back light due to 140 dB WDR technology Efficient H.265+ compression technology to save bandwidth and storage v 5 streams to meet a wide variety of applications v Water and dust resistant (IP67) and vandal proof (IK10) 42U RACK cabinet, floor standing 12 Cores Imported CLT Aerial Fiber 8 Port Gigabit Unmanaged POE Switch Layer 2 network switch designed for video data transmission 8 x 10/100/1000 Mbps ethernet port, 1 x 10/100/1000 Mbps uplink ethernet port and 1 x 10/100/1000 Mbps uplink SFP port IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, and IEEE 802.3z network standards available	
Access control unit	Waterproof 4.3" touch screen TCP/IP web based and 13.56MHz door access control system, Identification: Face / Finger print / Card / PIN with installation	10
Rubber Stopper 13mm	Size 13mm Butyl Rubber with cut	800,000
Rubber Stopper 20mm	Size 20mm Butyl Rubber with cut	900,000
Rubber Stopper 32mm	Size 32mm Butyl Rubber with cut	35,000
Cylinders	Different Volumes (100ml, 250ml, 500ml)	10 each
Disposable syringes	Disposable Sterile Medical Syringe slip tip, polypropylene body and plunger (Latex-free rubber tip) size 1 cc	10 Box
Disposable syringes	Disposable Sterile Medical Syringe slip tip, polypropylene body and plunger (Latex-free rubber tip) size 3 cc	10 Box
Disposable syringes	Disposable Sterile Medical Syringe slip tip, polypropylene body and plunger (Latex-free rubber tip) size 5 cc	10 Box
Disposable syringes	Disposable Sterile Medical Syringe slip tip, polypropylene body and plunger (Latex-free rubber tip) size 10 cc	10 Box
Gas R-22	Gas R-22 AC, Chiller Honey wall America or equivalent	30 cylinder
Gas R-32	Gas R-32 AC, Chiller Honey wall America or equivalent	05 cylinder
Gas R-134	Gas R-134 freezer Honey wall America or equivalent	15 cylinder
Gas R-404	Gas R-404 Honey wall America or equivalent	05 cylinder
Gas R-410	Gas R-410 Honey wall America or equivalent	40 cylinder
Gas R-600	Gas R-600 Honey wall America or equivalent	05 cylinder
Copper Rod	Copper Rod USA	03 packs
Cable 10 mm	Cable 10 mm 4 core copper	100 feet
Change over	Change over 400 Ampere	05
Breaker	Breaker Chint 63 Ampere	20
Breaker 3 phase	Breaker 3 phase with box 200 Ampere	05
Bulb 12W	Bulb 12W	100
Bulb 100W	Bulb 100W	500
Bulb 200W	Bulb 200W	500
Light Plug Box	Light Plug Box	100
Power Plug Box	Power Plug Box	100
Two pin top	Two pin top	100

Three pin top	Three pin top	100
Extension Board	Extension Board 50 Amp	10
Ladder 10 ft	(Aluminum, foldable) 10 ft	1
Ladder 8 ft	(Aluminum, foldable) 08 ft	1
Holder Brass	Holder Brass	300
Heaters	Heaters (4,500 Watt)	12
Contactor (40amp)	Contactor NXC-40 Amp	20
Contactor (32amp)	Contactor NXC-32 Amp (220 V-50/60 hz)	20
Contractor (65amp)	Contractor (CHINT) NXC-65, 65 Amp	25
Breakers 32 Amp	Breakers double pole (Chint) 32 Amp	50
Breakers 63 Amp	Breakers double pole (Chint) 63 Amp	50
Breaker 10 Amp	Breaker single pole (Chint) 10 Amp	50
Breaker 16 Amp	Breaker single pole (Chint) 16 Amp	50
Breaker 3 phase 100 amp	Breaker 3 phase with box 100 Amp	5
Breaker 3 phase 400 amp	Breaker 3 phase with box 400 Amp	5
Power Plug	Power Plug	50
Light Plug	Light Plug	50
Electric Tape	Electric Tape	300
Electric Wire 7/36	Electric Wire 7/36	10 coil
Electric Wire 7/29	Electric Wire 7/29	10 coil
Electric Wire 3/29	Electric Wire 3/29	10 coil
Electric Wire 7/44	Electric Wire 7/44	10 coil
Safety Breaker 15 Amp	Safety Breaker 15 Amp	20
Safety Breaker 20 Amp	Safety Breaker 20 Amp	20
Piano Switch	Piano Switch	50
Piano Button	Piano Button	50
Capacitor	50UF running capacitor	100
Compressor 1/3 rd	Compressor (DENFOOS) 1/3 rd	5
Compressor 1/4 th	Compressor (DENFOOS) 1/4 th	15
Compressor 1/5 th	Compressor (DENFOOS) 1/5 th	5
S.SR 25DA	S.SR 25DA - relay Input 3-32V DC Output 24-380V AC	40
Temperature Controller	Temperature Controller 989 (puma)	25
Selector	Selector 1/4th 3 phase	20
Wire 110/76	Wire 110/76 3 core	1 Coil
Tiffon Tape	Tiffon Tape	150
LED Tube Light	LED Tube Light (18W)	100
Steel Nails 1"	Steel Nails 1"	5 Packs
Steel Nails 1.5"	Steel Nails 1.5"	5 Packs
Steel Nails 2"	Steel Nails 2"	5 Packs
Drill Machine LT	Drill Machine LT	03
Blower	Blower	03
Velding Torch	Velding Torch	04
Cylinder	Cylinder Oxygen/LPG (complete set)	02
Aeroflex	Aeroflex 3/8	100
Dama Tape	Dama Tape	50
Ribbon Tape	Ribbon Tape	50
Elbow ½	Elbow ½	3 Dozen
Elbow ¾	Elbow ¾	3 Dozen
Elbow 1"	Elbow 1"	3 Dozen
Tee ½	Tee ½	3 Dozen
Tee ¾	Tee ¾	3 Dozen
Tee 1"	Tee 1"	3 Dozen
Socket ½	Socket ½	3 Dozen
Socket ¾	Socket ¾	3 Dozen
Socket 1"	Socket 1"	3 Dozen
Union 1"	Union 1"	4 Dozen

Union 1/2"	Union 1/2"	4 Dozen
Union 3/4"	Union 3/4"	4 Dozen
Pvc Solution White	Pvc Solution White	2 Dozen
Cut Screw #6 1"	Cut Screw #6 1"	4 Pack
Cut Screw 2 1/2"	Cut Screw 2 1/2"	4 Pack
12 Pair Cable	12 Pair Cable	4 Coil
Internet Ethernet cables	Internet Ethernet cables	8 coils
Wifi Router	Standard: Wi-Fi 6 (802.11ax) Speed: AX1500 to AX6000+ (speeds exceeding 1.5 Gbps to 6 Gbps dual/tri-band) Features: OFDMA, Target Wake Time (TWT), full Gigabit/2.5G ports, WPA3 security Coverage: Medium to large multi room with heavy device density	05
Stool (Iron)	Stool (Iron) size 4 x4	01
4 Cone Casle 95mm	4 Cone Casle 95mm	100 ft
Pin valve	AC & refrigeration	02 packet
Pvc pipe	Pvc Pipe 1",1.5",3/4"	30 length
Rotor Pump	Rotor pump for shifting of water Size 1',size 3/4'	05
Temperature probe & monitoring device	Temperature probe & monitoring device	02
Fire extinguisher	6 Kg powder fire extinguisher, temperature range from -30°C to +60°C, manufactured in accordance to EN 3-7:2008, certified PED 2014/68/EU.	20
Welding torch	Welding torch	01
Screw Driver Set	Screw Driver Set with different type and sizes	02 set
Line gauge set	Line gauge set	02
Karcher gun	Gun for cleaning AHU Unit ,split AC Condenser wash	02
Ampere Meter	Ampere Meter unit AC + DC	02
Lux Set Machine	Lux Set Machine Hydraulic	01
Air compressor	Air compressor for lypholizer machine and sealing machine	02
Wire 3/29	Wire 3/29 million brand copper	05 coil
Wire 7/36	Wire 7/36 million brand	05 coil
Wire 7/29	Wire 7/29+ million brand	10 coil
Wire 7/64	Wire 7/64 million brand	10 coil
Wire 7/44	Wire 7/44 million brand	10 coil
Blower	Blower	02
Pvc socket	Socket 3/4",1',1.5"	02
LN Key Set	LN Key Set (different sizes)	02
Copper pipe	Copper pipe 3/8',5/8',	50 feet
Spray Pump	Spray Pump (Plastic)	15 Nos.
Automatic drinkers	Automatic drinkers for poultry birds	100 Nos
Shed for Generator	Roof mounted shed for 325KVA generator, as per actual size	01
Fire safety & security system for building	All evacuation horns to sound and lamps to flash in a synchronized fashion. Indicate the zone in alarm on the control panel. Indicate the zone in alarm on the remote annunciator Automatically release all magnetically held doors. The operated device is returned to normal and the control panel is manually reset except that the alarms may be silenced or acknowledged in accordance with RI State code.	03

	An alarm may be silenced by a switch on the zone card in the control panel. When silenced, this shall not prevent the resounding of subsequent alarms if another zone should alarm. When alarms are silenced the zone indicating red LED's on the control panel and the remote annunciator shall remain on until the operated device is returned to normal and the control panel is manually reset. A green pilot LED shall normally be on, indicating that the system is receiving normal 120 VAC powers. A failure of normal power shall cause the LED to extinguish, sound a trouble condition, and the panel to transfer to battery. FIRE ALARM CONTROL PANEL solid state, microprocessor based electronics. It shall display only those primary controls and displays essential operation during a fire alarm condition. Keyboards or keypads shall not be required to operate the system during fire alarm conditions. A local audible device shall sound during Alarm, Trouble or supervisory conditions. This audible device shall sound differently during each condition to distinguish one condition from another without having to view the panel. The following primary controls shall be available within the primary panel and remote annunciator. Forty character liquid crystal display, minimum. Individual red system alarm LED Individual yellow supervisory service LED Individual yellow trouble LED Green "power on" Led Alarm Acknowledge key Supervisory Acknowledge key Trouble Acknowledge key Alarm Silence key System Reset key Alarm and trouble LED's shall be provided for all corresponding zones HOA Switches for all smoke control Units controlled Setting of time and date LED testing Alarm, trouble, and abnormal condition listing Enabling and disabling of each monitor point separately Activation and deactivation of each control point separately Changing operator access levels Walk Test enable device bypass of each device point separately Displaying software revision level Displaying historical logs Installation and cabling	
Grandstream audio conference phone	Grandstream audio conference phone with bluthooth supported Smart IP CAM voice tracking PTZ conference camera	01
Water Tank 1200 gallon	Water Tanker 1200 gallon single axle tank sheet guage 10 swg main chassis frame 8" x 3" with 4 tures with release valve, shower PTO driven water suction pump Rotary slasher 5 ft tractor PTO driven	01

SMD display for Auditorium	SMD display 10' x 20' (hwx) Include power supply, cables, control system iron case display, MD screen assembling, configuration LED type SMD 2020 module resolution 80*40 dots Pixel density 62,500 dots/m2 brightness >600 cd/m2 damage protective layer, color temperature adjustable Complete fixation, installation, testing and validation	01
Interactive flat panel board	Interactive flat panel 75" Android 14 octa core, 8GB RAM 128Gb hard disk Plam protection feature 48 mega pixel built in camera 8 array micro phone Res 3840 x 2160 A Ratio 16:9 Light sensor	02
PABX Phone System	PABX Phone System with complete installation and configuration Support Up to 8 Lines & 24 Extensions CLI Card Support Built-In Inverter OGM Card Support Built-In Power Supply Music On Hold Call Forwarding, Call Waiting	01 set
Gel Imaging System	Gel Imaging System Camera Camera type 250D, 24 MPixel (Resolution: 6000×4000), APS-C Sensor DIGIC 8 Processor, WiFi enabled Image Sensor APS-C sized CMOS Sensor Resolution/ 6000 x 4000 pixel (24 MPixel) Image Size Bit Output 8-bit Format Aperture F/4-5.6 Lens 18-55 mm zoom Lens, manual Exposure time 0.00025 to 30 seconds Filter FastGene Amber Filter for the lens Control Software Control Software NIPPON Genetics Camera Studio v1.0, WINDOWS 10 Saved Image TIFF, JPEG Format Image storage Host computer dependent Interface Host computer dependent. Hood Power unit Power supply for transilluminator and camera Access Front door, 180°opened	01

	Filter FastGene Amber Filter Shield Illuminator 1) Built-in Blue-Green light source View Area 26 x 21 cm 2) White LED Transilluminator View Area 22 x 16 cm Unit Material Painted aluminum metal Rated Voltage 100-240 V~, 50/60 Hz, A Dimension (H x L x W) 57 x 35 x 32.5 cm Weight 14 kg	
Rapid Microbiology Next Generation system	Rapid Microbiology Next Generation system 01 to 1024 samples can be tested simultaneously, and up to 32 instruments can be connected to a single PC. Computer with pre-installed Fusion Software 24 in Samsung Monitor 8-Port Switch to allow additional instruments in the future and allow network connectivity VR-300 - Specially designed vial rack to hold 32 vials and the supplements 4 Temperature Probes and Thermometer Onsite Training and Installation Brand Soleris® or Equivalent Platform Rapid Microbiology Capacity 64 vials Storage Conditions Room temperature Software Requirements Fusion Software or Equivalent Connectivity Ethernet Power Requirement 110/220V Technology Principle Optical detection of pH / biochemical changes in ready-to-use culture media vials - growth-based microbial testing Detection Category Microbiological / growth-based (indicator, spoilage, and quality organisms) Number of Assays / Organisms 12 assay/vial types covering TVC, yeast & mould, coliforms, E. coli, Enterobacteriaceae, Alicyclobacillus, Gram negative, Staphylococcus, Pseudomonas, Orange Serum Broth organisms, Salmonella spp., lactic acid bacteria Poultry Sample Types Processing water, carcass rinses, environmental swabs, finished product samples for indicator organism monitoring Time to Result As little as 14-18 hours for Enterobacteriaceae; 18-24 hours for E. coli and coliforms; 22-24 hours for TVC; 48 hours for yeast & mould and Alicyclobacillus Role in Poultry Program Routine process hygiene and indicator organism monitoring across the processing line, from raw material intake to finished product release Workflow Inoculate ready-to-use vial with up to 5 mL of sample, load into instrument, real-time optical monitoring of results every 6 minutes Detection Limit Detection speed is concentration-dependent - higher organism counts are detected faster	
Molecular Detection System (MDS)	Molecular Detection System (MDS) combines three essential components: Loop-mediated isothermal amplification (LAMP)-based detection assays, a Molecular Detection Instrument, and intuitive software to create a seamless workflow from sample to result. Instrument Specifications	

	Electrical Specifications Voltage 24 V Current 2.5 A Power Supply Input Voltage 100–240 V Frequency 50/60 Hz Maximum Input Current 1.5 A Output Voltage 24 V Output Current 2.5 A Environmental Operating Conditions Altitude Max 2000 m Operating Temperature 15°C–35°C Storage Temperature -10°C–60°C Relative Humidity 30–80% non-condensing Pollution Degree 2 Technology Principle Isothermal DNA amplification (LAMP) with bioluminescence detection - molecular pathogen detection Detection Category Molecular / genetic (pathogen-specific, presence/absence and one quantitative assay) Number of Assays / Organisms 11 MDA2 assay kits covering 9 organism targets (Salmonella spp., Salmonella Enteritidis/Typhimurium, Listeria spp., Listeria monocytogenes, E. coli O157/H7, Cronobacter, Campylobacter, STEC stx, STEC stx+eae) Poultry Sample Types Carcass rinses, boot socks/environmental drag swabs from live production, raw ground poultry, poultry parts, processing environment surfaces Time to Result Presumptive results visible as early as 15 minutes into the run; single post-enrichment protocol runs in about 60 minutes of instrument time; qualitative result available same day or next day Throughput Up to 96 samples per run per instrument; up to 8 different pathogen assays run simultaneously in one run; up to 384 samples by linking 4 instruments to one computer Detection Limit Detects 1-5 CFU of target pathogen per original sample Organism(s) Detected Salmonella spp. Salmonella Enteritidis, Salmonella Typhimurium Salmonella spp. (quantitative, poultry rinses & raw ground poultry)	
Garden structure and foundation	Establish a garden with seating area, plants, grass, animal statues, core structural items, furniture, and focal point decor. Combine plants, hardscapes, and lighting to make the space feel complete and welcoming. Structural and Foundation Items Paving stones or gravel Garden soil and mulch Border edging separate the walkway from the grass or flower beds. Seating Area Furniture weather resistant bench and chairs Statue and Decor Horse or animal statue: stone, bronze, or cast iron for outdoor durability. Plinth or base: Elevate the statue so it stands out above the surrounding plants. Decorative rocks or boulders Plants and Greenery Evergreen shrubs: Frame the seating area Perennial flowers: Add seasonal color flowers plants Lighting and Ambiance path lights String lights or lanterns	01
Antiscalants	Antiscalants for RO plant Form: Clear to light-yellow liquid pH (Neat): 2.5 – 4.5 Specific Gravity: 1.04 – 1.12 (at 20°C) Solubility: Completely miscible in water Freezing Point: ~ 0°C	500 liter

	Dosage Rate: 2.0 to 5.0 ppm active product (varies based on feed water analysis and LSI index) Scale Inhibition: Controls CaCO ₃ (up to LSI +2.5), CaSO ₄ , BaSO ₄ , SrSO ₄ , and colloidal/reactive silica Safe and compatible with all major polyamide and thin-film composite RO membrane	
Filter Water Cartridge	Filter Water Filter Cartridge Aqua Line Filter Media: High-performance pleated polypropylene Diameter: 6.5 in to 6.75 in (approx. 165–171 mm) Length Options: Up to 60 inches (e.g., 60-inch nominal configurations) Micron Ratings: Absolute and nominal ratings available, commonly 0.2, 0.5, 1, 5, 10, 20, up to 100 microns Flow Configuration: Outside-to-inside flow direction Seal Material: Proprietary o-rings including Buna-N, EPDM, or Viton	500 Liter
RO Plant Chemical	RO Plant Chemical	36 bottles
PCR Purification Kit	PCR Purification Kit 15x100 Reaction	15x100
Milk Antibiotic Rapid Test Kit	Milk Antibiotic Rapid Test Kit	2
Fast Gene Scriptase cDNA Kit	Fast Gene Scriptase cDNA Kit 3x100 Reaction	3x100
One-Step RT-PCR Kit	One-Step RT-PCR Kit	5
Air cutter	6 feet with auto sensor, turn on bases imported	02
Driver free 4K UHD Wireless presentation System	Driver free 4K UHD Wireless presentation System Instant plug & play wireless presentation without any driver or network setup	02
Digital conference microphone system	Digital conference microphone system Audio & Transducer Performance Capsule Type: Uni-directional electret condenser or capacitive Frequency Response: 30 Hz – 20,000 Hz (optimized for human speech) Signal-to-Noise Ratio (SNR): > 71 dB to 95 dB Sensitivity: -44 dB to -47 dB (±2 dB) Control Unit & System Capacity Standard Capacity: Supports 60 to 127 active delegate/chairman units per host controller (expandable up to 254–1,000+ units via extension power units) Operation Modes: FIFO (First-In, First-Out), LIMIT (1-9 active mics), Free Mode, and Chairman Override Powering: Central unit provides 24V DC to individual desktop microphone bases Connectivity & Integration Wired Interfaces: RJ45 / Cat5e/Cat6 Ethernet or 8-pin DIN loop cables OR UHF digital spectrum (500–900 MHz) or secure 2.4 GHz/Infrared (IR) transmission to prevent RF mobile interference	02 sets

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

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1. Bid Form and Price Schedules

Date: _____
IFB N°: _____

To: *[name and address of Procuring Agency]*

Gentlemen and/or Ladies:

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

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

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

We agree to abide by this Bid for a period of *[number]* days from the date fixed for Bid opening under Clause 22 of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

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

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

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.

Dated this _____ day of _____ 19____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

Price Schedule in Pak. Rupees

Name of Bidder _____. IFB Number _____. Page . of ____.

1	2	3	4	5	6		8
Item	Description	Country of origin	Quantity	Unit price DDP named place	Sales Tax GST	Total DDP per item	Unit price of Delivered duty paid (DDP) to final destination plus price of other incidental services if required ³

Signature of Bidder _____

Note: In case of discrepancy between unit price and total, the unit price shall prevail.

³ Must be included if required under ITB 11.2

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 _____ 19 ____.

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.

[signature of the bank]

3. Contract Form

THIS AGREEMENT made the _____ day of _____ 19____ between *[name of Procuring Agency]* of *[country of Procuring agency]* (hereinafter called “the Procuring agency”) of the one part and *[name of Supplier]* of *[city and country of Supplier]* (hereinafter called “the Supplier”) of the other part:

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

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - (a) the Bid Form and the Price Schedule submitted by the Bidder;
 - (b) the Schedule of Requirements;
 - (c) the Technical Specifications;
 - (d) the General Conditions of Contract;
 - (e) the Special Conditions of Contract; and
 - (f) the Procuring agency’s Notification of Award.
3. In consideration of the payments to be made by the Procuring agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring agency to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract
4. The Procuring agency hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

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

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

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

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 _____ 19____ 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 guarantee]* 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 of _____ 19_____.

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]

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.

INTEGRITY PACT

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS

Contract Date:
Contract Value:
Contract Title:

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

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

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

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

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

CONTRACTOR

PROCURING AGENCY